## Table 5-9A. Analytical Results for North Valley Military Landfill - Test Pit Soil



| | Location ID | | LFP-16-S1/3.5 | LFP-16-S1/3.5 | LFP-16-S2/5.5 | LFP-16-S2/5.5 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 3.5-4 | 3.5-4 | 5.5-6 | 5.5-6 |
| | Sample Date | | 5/30/00 | 5/30/00 | 5/30/00 | 5/30/00 |
| | Lab | | Babcock | Quanterra | Babcock | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | RAW | RAW | RAW | RAW |
| **Analyte** | **Method** | **Units** | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | 0.042 UJ | | 0.044 UJ |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | 0.41 J | | 0.86 J |
| perchlorate | E300-PCATE | MG/KG | 0.6 U | | 0.6 U | |
| diesel fuel #2 | M8015B | MG/KG | | 1.2 UJ | | 1.2 UJ |
| kerosene | M8015B | MG/KG | | 1.2 UJ | | 1.2 U |
| motor oils | M8015B | MG/KG | | 12 UJ | | 12 U |
| unknown extract. hydrocarbon | M8015B | MG/KG | | 1.2 UJ | | 1.2 U |
| chloropicrin | SW8270 | MG/KG | | 1.2 U | | 1.2 U |
| pentachlorophenol | SW8270C | MG/KG | | 2.4 U | | 2.5 U |
| nitroglycerin | SW8330M | MG/KG | | 1 U | | 1 U |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | 1 U | | 1 U |

## Table 5-9A. Analytical Results for North Valley Military Landfill - Test Pit Soil



| | Location ID | | LFP-20-S1/2 | LFP-20-S1/2 | LFP-20-S2/4 | LFP-20-S2/4 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 2-2.5 | 2-2.5 | 4-4.5 | 4-4.5 |
| | Sample Date | | 5/30/00 | 5/30/00 | 5/30/00 | 5/30/00 |
| | Lab | | Babcock | Quanterra | Babcock | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | RAW | RAW | RAW | RAW |
| **Analyte** | **Method** | **Units** | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | 0.04 UJ | | 0.04 UJ |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | 0.028 UJ | | 0.28 J |
| perchlorate | E300-PCATE | MG/KG | 0.6 U | | 0.6 U | |
| diesel fuel #2 | M8015B | MG/KG | | 1.1 UJ | | 1.2 UJ |
| kerosene | M8015B | MG/KG | | 1.1 U | | 1.2 U |
| motor oils | M8015B | MG/KG | | 11 U | | 12 U |
| unknown extract. hydrocarbon | M8015B | MG/KG | | 1.1 U | | 12 U |
| chloropicrin | SW8270 | MG/KG | | 1.1 U | | 1.2 U |
| pentachlorophenol | SW8270C | MG/KG | | 2.3 U | | 2.3 U |
| nitroglycerin | SW8330M | MG/KG | | 1 U | | 1 U |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | 1 U | | 1 U |

## Table 5-9A. Analytical Results for North Valley Military Landfill - Test Pit Soil



| | Location ID | | LFP-22-S1/2 | LFP-22-S1/2 | LFP-22-S2/4 | LFP-22-S2/4 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 2-2.5 | 2-2.5 | 4-4.5 | 4-4.5 |
| | Sample Date | | 5/30/00 | 5/30/00 | 5/30/00 | 5/30/00 |
| | Lab | | Babcock | Quanterra | Babcock | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | RAW | RAW | RAW | RAW |
| **Analyte** | **Method** | **Units** | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | 0.042 UJ | | 0.043 UJ |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | 0.69 J | | 0.49 J |
| perchlorate | E300-PCATE | MG/KG | 0.6 U | | 0.6 U | |
| diesel fuel #2 | M8015B | MG/KG | | 1.2 UJ | | 1.2 UJ |
| kerosene | M8015B | MG/KG | | 1.2 UJ | | 1.2 UJ |
| motor oils | M8015B | MG/KG | | 12 UJ | | 12 UJ |
| unknown extract. hydrocarbon | M8015B | MG/KG | | 1.2 UJ | | 1.2 UJ |
| chloropicrin | SW8270 | MG/KG | | 1.2 U | | 1.2 U |
| pentachlorophenol | SW8270C | MG/KG | | 2.4 U | | 2.4 U |
| nitroglycerin | SW8330M | MG/KG | | 1 U | | 1 U |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | 1 U | | 1 U |

## Table 5-9A. Analytical Results for North Valley Military Landfill - Test Pit Soil



| | | Location ID | LFP-24-S1/8 | LFP-24-S1/8 | LFP-24-S1A/8 | LFP-27-S1/1 |
|---|---|---|---|---|---|---|
| | | Sample Depth | 8-8.5 | 8-8.5 | 8-8.5 | 1-1.5 |
| | | Sample Date | 5/31/00 | 5/31/00 | 5/31/00 | 6/01/00 |
| | | Lab | Babcock | Quanterra | Quanterra | Babcock |
| | | Sample Type | N | N | FR | N |
| | | Event | RAW | RAW | RAW | RAW |
| **Analyte** | **Method** | **Units** | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | 0.045 UJ | 0.044 UJ | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | 0.032 UJ | 0.031 UJ | |
| perchlorate | E300-PCATE | MG/KG | 0.6 U | | | 0.6 U |
| diesel fuel #2 | M8015B | MG/KG | | 1.3 U | 1.3 U | |
| kerosene | M8015B | MG/KG | | 1.3 U | 1.3 U | |
| motor oils | M8015B | MG/KG | | 13 U | 13 U | |
| unknown extract. hydrocarbon | M8015B | MG/KG | | 13 U | 1.3 U | |
| chloropicrin | SW8270 | MG/KG | | 1.3 U | 1.3 U | |
| pentachlorophenol | SW8270C | MG/KG | | 2.6 U | 2.5 U | |
| nitroglycerin | SW8330M | MG/KG | | 1 U | 1 U | |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | 1 U | 1 U | |

## Table 5-9A. Analytical Results for North Valley Military Landfill - Test Pit Soil
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| | Location ID | | LFP-27-S1/1 | LFP-27-S2/3 | LFP-27-S2/3 | LFP-29-S1/2.5 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 1-1.5 | 3-3.5 | 3-3.5 | 2.5-3 |
| | Sample Date | | 6/01/00 | 6/01/00 | 6/01/00 | 5/31/00 |
| | Lab | | Quanterra | Babcock | Quanterra | Babcock |
| | Sample Type | | N | N | N | N |
| | Event | | RAW | RAW | RAW | RAW |
| **Analyte** | **Method** | **Units** | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | 0.041 UJ | | 0.043 UJ | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | 0.28 J | | 0.03 UJ | |
| perchlorate | E300-PCATE | MG/KG | | 0.6 U | | 0.6 U |
| diesel fuel #2 | M8015B | MG/KG | 1.2 UJ | | 1.2 UJ | |
| kerosene | M8015B | MG/KG | 1.2 UJ | | 1.2 UJ | |
| motor oils | M8015B | MG/KG | 12 U | | 12 UJ | |
| unknown extract. hydrocarbon | M8015B | MG/KG | 6.1 J | | 12 UJ | |
| chloropicrin | SW8270 | MG/KG | 1.2 U | | 1.2 U | |
| pentachlorophenol | SW8270C | MG/KG | 2.4 U | | 2.4 U | |
| nitroglycerin | SW8330M | MG/KG | 1 U | | 1 U | |
| pentaerythritol tetranitrate | SW8330M | MG/KG | 1 U | | 1 U | |

## Table 5-9A. Analytical Results for North Valley Military Landfill - Test Pit Soil
(Page 66 of 66)

| | Location ID | | LFP-29-S1/2.5 | LFP-29-S2/2 | LFP-29-S2/2 |
|---|---|---|---|---|---|
| | Sample Depth | | 2.5-3 | 2-2.5 | 2-2.5 |
| | Sample Date | | 5/31/00 | 5/31/00 | 5/31/00 |
| | Lab | | Quanterra | Babcock | Quanterra |
| | Sample Type | | N | N | FR |
| | Event | | RAW | RAW | RAW |
| **Analyte** | **Method** | **Units** | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | 0.043 UJ | | 0.044 UJ |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | 0.03 UJ | | 0.3 J |
| perchlorate | E300-PCATE | MG/KG | | 0.6 U | |
| diesel fuel #2 | M8015B | MG/KG | 1.2 U | | 1.3 U |
| kerosene | M8015B | MG/KG | 1.2 U | | 1.3 U |
| motor oils | M8015B | MG/KG | 12 U | | 13 U |
| unknown extract. hydrocarbon | M8015B | MG/KG | 1.2 U | | 1.3 U |
| chloropicrin | SW8270 | MG/KG | 1.2 U | | 1.3 U |
| pentachlorophenol | SW8270C | MG/KG | 2.4 U | | 2.5 U |
| nitroglycerin | SW8330M | MG/KG | 1 U | | 1 U |
| pentaerythritol tetranitrate | SW8330M | MG/KG | 1 U | | 1 U |

## Table 5-9B. Analytical Results for North Valley Military Landfill - Stockpile Soil
(Page 1 of 10)

| | Location ID | | LFM-1 | LFM-2 | LFM-3 | LFM-4 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 0-0.5 | 0-0.5 | 0-0.5 | 0-0.5 |
| | Sample Date | | 6/01/00 | 6/01/00 | 6/01/00 | 6/01/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | RAW | RAW | RAW | RAW |
| **Analyte** | **Method** | **Units** | | | | |
| aluminum | SW6010B | MG/KG | 18200 J | 23400 J | 20200 J | 22700 J |
| antimony | SW6010B | MG/KG | 0.17 UR | 0.17 UR | 0.86 J- | 0.34 J- |
| arsenic | SW6010B | MG/KG | 9.5 | 12.6 | 12.2 | 12.6 |
| barium | SW6010B | MG/KG | 319 J | 449 J | 187 J | 217 J |
| beryllium | SW6010B | MG/KG | 0.58 | 0.71 | 0.55 | 0.6 |
| cadmium | SW6010B | MG/KG | 0.19 J | 0.32 J | 0.74 J | 0.48 J |
| calcium | SW6010B | MG/KG | 3120 J | 16600 J | 4730 J | 11600 J |
| chromium, total | SW6010B | MG/KG | 36.5 J | 47.6 J | 54.1 J | 51.8 J |
| cobalt | SW6010B | MG/KG | 18.8 | 22.9 | 16.8 | 18.8 |
| copper | SW6010B | MG/KG | 33.3 | 67.7 | 69.7 | 63.4 |
| iron | SW6010B | MG/KG | 33400 | 40600 | 40600 | 42700 |
| lead | SW6010B | MG/KG | 10.4 J | 19 J | 62.3 J | 28.3 J |
| magnesium | SW6010B | MG/KG | 4480 J | 9980 J | 6380 J | 8660 J |
| manganese | SW6010B | MG/KG | 1330 J | 1160 J | 733 J | 1030 J |
| molybdenum | SW6010B | MG/KG | 0.4 J | 0.32 J | 0.9 J | 0.56 J |
| nickel | SW6010B | MG/KG | 34.3 J | 52.9 J | 50.8 J | 48 J |
| phosphorus, total (as P) | SW6010B | MG/KG | 141 | 227 | 436 | 291 |
| potassium | SW6010B | MG/KG | 1510 | 1830 | 2260 | 1520 |
| selenium | SW6010B | MG/KG | 0.51 J | 0.5 J | 0.82 J | 0.72 J |
| silver | SW6010B | MG/KG | 0.21 U | 0.21 U | 0.21 U | 0.21 U |
| sodium | SW6010B | MG/KG | 120 J | 218 J | 153 J | 186 J |
| thallium | SW6010B | MG/KG | 0.41 U | 0.42 U | 0.42 U | 0.4 U |
| vanadium | SW6010B | MG/KG | 67.8 J | 62.1 J | 80.7 J | 81.2 J |
| zinc | SW6010B | MG/KG | 53.7 | 104 | 87.9 | 102 |
| mercury | SW7471A | MG/KG | 0.035 J | 0.091 | 0.071 | 0.071 |

## Table 5-9B. Analytical Results for North Valley Military Landfill - Stockpile Soil
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| | Location ID | | LFM-1 | LFM-2 | LFM-3 | LFM-4 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 0-0.5 | 0-0.5 | 0-0.5 | 0-0.5 |
| | Sample Date | | 6/01/00 | 6/01/00 | 6/01/00 | 6/01/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | RAW | RAW | RAW | RAW |
| **Analyte** | **Method** | **Units** | | | | |
| aldrin | SW8081A | MG/KG | 0.0018 U | 0.0018 | 0.018 U | 0.018 U |
| alpha BHC | SW8081A | MG/KG | 0.0018 U | 0.0018 | 0.018 U | 0.018 U |
| alpha endosulfan | SW8081A | MG/KG | 0.0018 U | 0.0018 | 0.018 U | 0.018 U |
| alpha-chlordane | SW8081A | MG/KG | 0.0018 U | 0.0018 | 0.018 U | 0.018 U |
| beta BHC | SW8081A | MG/KG | 0.0018 U | 0.0018 | 0.018 U | 0.018 U |
| beta endosulfan | SW8081A | MG/KG | 0.0035 U | 0.0036 | 0.036 U | 0.035 U |
| delta BHC | SW8081A | MG/KG | 0.0018 U | 0.0018 | 0.018 U | 0.018 U |
| dieldrin | SW8081A | MG/KG | 0.0035 U | 0.0036 | 0.036 U | 0.035 U |
| endosulfan sulfate | SW8081A | MG/KG | 0.0035 U | 0.0036 | 0.036 U | 0.035 U |
| endrin | SW8081A | MG/KG | 0.0035 U | 0.0036 | 0.036 U | 0.035 U |
| endrin aldehyde | SW8081A | MG/KG | 0.0035 U | 0.0036 | 0.036 U | 0.035 U |
| endrin ketone | SW8081A | MG/KG | 0.0035 U | 0.0036 | 0.036 U | 0.035 U |
| gamma BHC (lindane) | SW8081A | MG/KG | 0.0018 U | 0.0018 | 0.018 U | 0.018 U |
| gamma-chlordane | SW8081A | MG/KG | 0.0018 U | 0.0018 | 0.018 U | 0.018 U |
| heptachlor | SW8081A | MG/KG | 0.0018 U | 0.0018 | 0.018 U | 0.018 U |
| heptachlor epoxide | SW8081A | MG/KG | 0.0018 U | 0.0018 | 0.018 U | 0.018 U |
| methoxychlor | SW8081A | MG/KG | 0.018 U | 0.018 | 0.18 U | 0.18 U |
| p,p'-DDD | SW8081A | MG/KG | 0.0035 U | 0.0036 | 0.036 U | 0.035 U |
| p,p'-DDE | SW8081A | MG/KG | 0.0035 U | 0.0036 | 0.036 U | 0.035 U |
| p,p'-DDT | SW8081A | MG/KG | 0.0018 U | 0.0018 | 0.018 U | 0.018 U |
| toxaphene | SW8081A | MG/KG | 0.07 U | 0.072 | 0.71 U | 0.69 U |

## Table 5-9B. Analytical Results for North Valley Military Landfill - Stockpile Soil

(Page 3 of 10)

| | Location ID | | LFM-1 | LFM-2 | LFM-3 | LFM-4 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 0-0.5 | 0-0.5 | 0-0.5 | 0-0.5 |
| | Sample Date | | 6/01/00 | 6/01/00 | 6/01/00 | 6/01/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | RAW | RAW | RAW | RAW |
| **Analyte** | **Method** | **Units** | | | | |
| PCB-1016 (Arochlor 1016) | SW8082 | MG/KG | 0.034 U | 0.035 U | 0.35 U | 3.4 U |
| PCB-1221 (Arochlor 1221) | SW8082 | MG/KG | 0.07 U | 0.072 U | 0.71 U | 6.9 U |
| PCB-1232 (Arochlor 1232) | SW8082 | MG/KG | 0.034 U | 0.035 U | 0.35 U | 3.4 U |
| PCB-1242 (Arochlor 1242) | SW8082 | MG/KG | 0.034 U | 0.035 U | 0.35 U | 3.4 U |
| PCB-1248 (Arochlor 1248) | SW8082 | MG/KG | 0.034 U | 0.035 U | 0.35 U | 3.4 U |
| PCB-1254 (Arochlor 1254) | SW8082 | MG/KG | 0.034 U | 0.035 U | 0.35 U | 3.4 U |
| PCB-1260 (Arochlor 1260) | SW8082 | MG/KG | 0.034 U | 0.035 U | 0.35 U | 3.4 U |

## Table 5-9B. Analytical Results for North Valley Military Landfill - Stockpile Soil

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| | Location ID | | LFM-1 | LFM-2 | LFM-3 | LFM-4 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 0-0.5 | 0-0.5 | 0-0.5 | 0-0.5 |
| | Sample Date | | 6/08/00 | 6/08/00 | 6/08/00 | 6/08/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | RAW | RAW | RAW | RAW |
| **Analyte** | **Method** | **Units** | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 1,1,1-trichloroethane | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 1,1,2,2-tetrachloroethane | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 1,1,2-trichloroethane | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 1,1-dichloroethane | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 1,1-dichloroethene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 1,1-dichloropropene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 1,2,3-trichlorobenzene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 1,2,3-trichloropropane | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 1,2,4-trichlorobenzene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 1,2,4-trimethylbenzene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 1,2-dibromo-3-chloropropane | SW8260B | MG/KG | 0.012 UJ | 0.01 UJ | 0.01 UJ | 0.012 UJ |
| 1,2-dichlorobenzene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 1,2-dichloroethane | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 1,2-dichloropropane | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 1,3,5-trimethylbenzene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 1,3-dichlorobenzene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 1,3-dichloropropane | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 1,4-dichlorobenzene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 2,2-dichloropropane | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 2-butanone | SW8260B | MG/KG | 0.0095 J | 0.018 J | 0.017 J | 0.038 J |
| 2-chloroethyl vinyl ether | SW8260B | MG/KG | 0.023 UR | 0.02 UR | 0.02 UR | 0.024 UR |
| 2-chlorotoluene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 2-hexanone | SW8260B | MG/KG | 0.023 UJ | 0.02 UJ | 0.02 UJ | 0.018 J |
| 4-chlorotoluene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| 4-methyl-2-pentanone | SW8260B | MG/KG | 0.023 UJ | 0.02 UJ | 0.02 UJ | 0.024 UJ |
| acetone | SW8260B | MG/KG | 0.051 UJ | 0.02 UJ | 0.12 UJ | 0.16 UJ |
| benzene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| bromobenzene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |

## Table 5-9B. Analytical Results for North Valley Military Landfill - Stockpile Soil
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| | Location ID | | LFM-1 | LFM-2 | LFM-3 | LFM-4 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 0-0.5 | 0-0.5 | 0-0.5 | 0-0.5 |
| | Sample Date | | 6/08/00 | 6/08/00 | 6/08/00 | 6/08/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | RAW | RAW | RAW | RAW |
| **Analyte** | **Method** | **Units** | | | | |
| bromochloromethane | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| bromodichloromethane | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| bromoform | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| bromomethane | SW8260B | MG/KG | 0.012 UJ | 0.01 UJ | 0.01 UJ | 0.012 UJ |
| carbon disulfide | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| carbon tetrachloride | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| chlorobenzene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| chloroethane | SW8260B | MG/KG | 0.012 UJ | 0.01 UJ | 0.01 UJ | 0.012 UJ |
| chloroform | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| chloromethane | SW8260B | MG/KG | 0.012 UJ | 0.01 UJ | 0.01 UJ | 0.012 UJ |
| cis-1,2-dichloroethene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| cis-1,3-dichloropropene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| dibromochloromethane | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| dibromomethane | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| dichlorodifluoromethane | SW8260B | MG/KG | 0.012 UJ | 0.01 UJ | 0.01 UJ | 0.012 UJ |
| ethylbenzene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| ethylene dibromide | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| Freon 113 | SW8260B | MG/KG | 0.012 UJ | 0.01 UJ | 0.01 UJ | 0.012 UJ |
| hexachlorobutadiene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| isopropylbenzene (cumene) | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| methylene chloride | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| n-butylbenzene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| n-propylbenzene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| naphthalene | SW8260B | MG/KG | 0.012 UJ | 0.01 UJ | 0.01 UJ | 0.012 UJ |
| p-cymene (p-isopropyltoluene) | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| sec-butylbenzene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| styrene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| t-butylbenzene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| tert-butyl methyl ether | SW8260B | MG/KG | 0.012 UJ | 0.01 UJ | 0.01 UJ | 0.012 UJ |

## Table 5-9B. Analytical Results for North Valley Military Landfill - Stockpile Soil

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| | Location ID | | LFM-1 | LFM-2 | LFM-3 | LFM-4 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 0-0.5 | 0-0.5 | 0-0.5 | 0-0.5 |
| | Sample Date | | 6/08/00 | 6/08/00 | 6/08/00 | 6/08/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | RAW | RAW | RAW | RAW |
| **Analyte** | **Method** | **Units** | | | | |
| tetrachloroethene (PCE) | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| toluene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| trans-1,2-dichloroethene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| trans-1,3-dichloropropene | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| trichloroethene (TCE) | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| trichlorofluoromethane | SW8260B | MG/KG | 0.012 UJ | 0.01 UJ | 0.01 UJ | 0.012 UJ |
| vinyl acetate | SW8260B | MG/KG | 0.012 UJ | 0.01 UJ | 0.01 UJ | 0.012 UJ |
| vinyl chloride | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |
| xylene (m,p) | SW8260B | MG/KG | 0.012 UJ | 0.01 UJ | 0.01 UJ | 0.012 UJ |
| xylene (o) | SW8260B | MG/KG | 0.0058 UJ | 0.005 UJ | 0.005 UJ | 0.0059 UJ |

## Table 5-9B. Analytical Results for North Valley Military Landfill - Stockpile Soil

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| | Location ID | | LFM-1 | LFM-2 | LFM-3 | LFM-4 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 0-0.5 | 0-0.5 | 0-0.5 | 0-0.5 |
| | Sample Date | | 6/01/00 | 6/01/00 | 6/01/00 | 6/01/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | RAW | RAW | RAW | RAW |
| **Analyte** | **Method** | **Units** | | | | |
| 1,2,3,4,6,7,8-HpCDD | SW8290 | PG/G | 0.13 U | 3.2 J | 5.4 | 5.1 J |
| 1,2,3,4,6,7,8-HpCDF | SW8290 | PG/G | 0.13 U | 3.8 J | 9.4 | 1.8 U |
| 1,2,3,4,7,8,9-HpCDF | SW8290 | PG/G | 0.076 U | 0.082 U | 0.16 U | 0.27 U |
| 1,2,3,4,7,8-HxCDD | SW8290 | PG/G | 0.061 U | 0.054 U | 0.053 U | 0.098 U |
| 1,2,3,4,7,8-HxCDF | SW8290 | PG/G | 0.1 U | 0.12 U | 0.22 U | 0.27 U |
| 1,2,3,6,7,8-HxCDD | SW8290 | PG/G | 0.055 U | 0.12 U | 0.37 U | 0.25 U |
| 1,2,3,6,7,8-HxCDF | SW8290 | PG/G | 0.13 U | 0.049 U | 0.13 U | 0.24 U |
| 1,2,3,7,8,9-HxCDD | SW8290 | PG/G | 0.054 U | 0.048 U | 0.23 U | 0.21 U |
| 1,2,3,7,8,9-HxCDF | SW8290 | PG/G | 0.16 U | 0.061 U | 0.049 U | 0.3 U |
| 1,2,3,7,8-PeCDD | SW8290 | PG/G | 0.098 U | 0.096 U | 0.062 U | 0.16 U |
| 1,2,3,7,8-PeCDF | SW8290 | PG/G | 0.08 U | 0.081 U | 0.12 U | 0.2 U |
| 2,3,4,6,7,8-HxCDF | SW8290 | PG/G | 0.15 U | 0.057 U | 0.16 U | 0.27 U |
| 2,3,4,7,8-PeCDF | SW8290 | PG/G | 0.077 U | 0.078 U | 0.17 U | 0.11 U |
| 2,3,7,8-TCDD | SW8290 | PG/G | 0.055 U | 0.048 U | 0.046 U | 0.055 U |
| 2,3,7,8-TCDF | SW8290 | PG/G | 0.27 U | 0.28 U | 0.77 U | 1.5 |
| OCDD | SW8290 | PG/G | 0.77 U | 42 | 57 | 54 |
| OCDF | SW8290 | PG/G | 0.13 U | 3.1 U | 6.8 J | 5.4 J |

**Table 5-9B. Analytical Results for North Valley Military Landfill - Stockpile Soil**
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| | Location ID | | LFM-1 | LFM-2 | LFM-3 | LFM-4 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 0-0.5 | 0-0.5 | 0-0.5 | 0-0.5 |
| | Sample Date | | 6/01/00 | 6/01/00 | 6/01/00 | 6/01/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | RAW | RAW | RAW | RAW |
| **Analyte** | **Method** | **Units** | | | | |
| acenaphthene | SW8310 | MG/KG | 0.42 U | 0.43 U | 0.43 U | 0.41 U |
| acenapthylene | SW8310 | MG/KG | 0.21 U | 0.21 U | 0.21 U | 0.21 U |
| anthracene | SW8310 | MG/KG | 0.0083 U | 0.0085 U | 0.0085 U | 0.0083 U |
| benzo(a)anthracene | SW8310 | MG/KG | 0.017 U | 0.017 U | 0.017 U | 0.017 U |
| benzo(a)pyrene | SW8310 | MG/KG | 0.01 U | 0.011 U | 0.011 U | 0.01 U |
| benzo(b)fluoranthene | SW8310 | MG/KG | 0.0042 U | 0.0043 U | 0.0043 U | 0.0041 U |
| benzo(g,h,i)perylene | SW8310 | MG/KG | 0.017 U | 0.017 U | 0.017 U | 0.017 U |
| benzo(k)fluoranthene | SW8310 | MG/KG | 0.0042 U | 0.0043 U | 0.0043 U | 0.0041 U |
| chrysene | SW8310 | MG/KG | 0.021 U | 0.021 U | 0.021 U | 0.021 U |
| dibenz(a,h)anthracene | SW8310 | MG/KG | 0.042 U | 0.043 U | 0.043 U | 0.041 U |
| fluoranthene | SW8310 | MG/KG | 0.021 U | 0.021 U | 0.021 U | 0.021 U |
| fluorene | SW8310 | MG/KG | 0.042 U | 0.043 U | 0.043 U | 0.041 U |
| indeno(1,2,3-c,d)pyrene | SW8310 | MG/KG | 0.021 U | 0.021 U | 0.021 U | 0.021 U |
| naphthalene | SW8310 | MG/KG | 0.21 U | 0.21 U | 0.21 U | 0.21 U |
| phenanthrene | SW8310 | MG/KG | 0.017 U | 0.017 U | 0.017 U | 0.017 U |
| pyrene | SW8310 | MG/KG | 0.042 U | 0.043 U | 0.043 U | 0.041 U |

## Table 5-9B. Analytical Results for North Valley Military Landfill - Stockpile Soil



| | Location ID | | LFM-1 | LFM-2 | LFM-3 | LFM-4 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 0-0.5 | 0-0.5 | 0-0.5 | 0-0.5 |
| | Sample Date | | 6/01/00 | 6/01/00 | 6/01/00 | 6/01/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | RAW | RAW | RAW | RAW |
| **Analyte** | **Method** | **Units** | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| nitrobenzene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| tetryl | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U |

## Table 5-9B. Analytical Results for North Valley Military Landfill - Stockpile Soil
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| | Location ID | | LFM-1 | LFM-2 | LFM-3 | LFM-4 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 0-0.5 | 0-0.5 | 0-0.5 | 0-0.5 |
| | Sample Date | | 6/01/00 | 6/01/00 | 6/01/00 | 6/01/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | RAW | RAW | RAW | RAW |
| **Analyte** | **Method** | **Units** | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | 0.037 UR | 0.17 J | 0.036 UR |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | 0.32 J | 2.6 J- | 0.29 J |
| diesel fuel #2 | M8015B | MG/KG | 1 U | 1.1 U | 5.3 U | 5.2 U |
| kerosene | M8015B | MG/KG | 1 U | 1.1 U | 5.3 U | 5.2 U |
| motor oils | M8015B | MG/KG | 10 U | 11 U | 53 U | 52 U |
| unknown extract. hydrocarbon | M8015B | MG/KG | 15 | 10 J | 61 | 52 |
| chloropicrin | SW8270 | MG/KG | | 1.1 U | 1.1 U | 1 U |
| pentachlorophenol | SW8270C | MG/KG | | 2.1 U | 2.1 U | 2.1 U |
| nitroglycerin | SW8330M | MG/KG | 1 U | 1 U | 1 U | 1 U |
| pentaerythritol tetranitrate | SW8330M | MG/KG | 1 U | 1 U | 1 U | 1 U |

## Table 5-9C. Analytical Results for North Valley Military Landfill - Groundwater

(Page 1 of 10)

| | Location ID | | LFP-9-W1 | LFP-24-W1 |
|---|---|---|---|---|
| | Sample Depth | | 0-0 | 0-0 |
| | Sample Date | | 5/31/00 | 5/31/00 |
| | Lab | | Quanterra | Quanterra |
| | Sample Type | | N | N |
| | Event | | RAW | RAW |
| **Analyte** | **Method** | **Units** | | |
| aluminum | SW6010B | MG/L | 37.9 J | 2.1 J |
| antimony | SW6010B | MG/L | 0.0022 U | 0.0022 U |
| arsenic | SW6010B | MG/L | 0.019 | 0.0042 U |
| barium | SW6010B | MG/L | 1 | 0.11 |
| beryllium | SW6010B | MG/L | 0.00009 U | 0.00009 U |
| cadmium | SW6010B | MG/L | 0.00037 U | 0.00037 U |
| calcium | SW6010B | MG/L | 121 | 91.7 |
| chromium, total | SW6010B | MG/L | 0.073 | 0.0047 UJ |
| cobalt | SW6010B | MG/L | 0.027 UJ | 0.0074 U |
| copper | SW6010B | MG/L | 0.09 | 0.0064 J |
| iron | SW6010B | MG/L | 55.5 J+ | 2 J+ |
| lead | SW6010B | MG/L | 0.092 | 0.0035 |
| magnesium | SW6010B | MG/L | 64.9 | 43.9 |
| manganese | SW6010B | MG/L | 1.4 | 0.19 |
| molybdenum | SW6010B | MG/L | 0.0015 U | 0.0015 U |
| nickel | SW6010B | MG/L | 0.08 | 0.0052 J |
| phosphorus, total (as P) | SW6010B | MG/L | 0.48 | 0.12 U |
| potassium | SW6010B | MG/L | 4.5 J | 1.3 J |
| selenium | SW6010B | MG/L | 0.0032 U | 0.0032 U |
| silver | SW6010B | MG/L | 0.0032 U | 0.0032 U |
| sodium | SW6010B | MG/L | 94.8 | 86.5 |
| thallium | SW6010B | MG/L | 0.003 U | 0.003 U |
| vanadium | SW6010B | MG/L | 0.11 | 0.0079 J |
| zinc | SW6010B | MG/L | 0.14 | 0.025 |
| mercury | SW7470A | MG/L | 0.000076 J | 0.000049 U |

## Table 5-9C. Analytical Results for North Valley Military Landfill - Groundwater
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| | Location ID | | LFP-9-W1 | LFP-24-W1 |
|---|---|---|---|---|
| | Sample Depth | | 0-0 | 0-0 |
| | Sample Date | | 5/31/00 | 5/31/00 |
| | Lab | | Quanterra | Quanterra |
| | Sample Type | | N | N |
| | Event | | RAW | RAW |
| **Analyte** | **Method** | **Units** | | |
| aldrin | SW8081A | UG/L | 0.25 U | 0.05 U |
| alpha BHC | SW8081A | UG/L | 0.25 U | 0.05 U |
| alpha endosulfan | SW8081A | UG/L | 0.25 U | 0.05 U |
| alpha-chlordane | SW8081A | UG/L | 0.25 U | 0.05 U |
| beta BHC | SW8081A | UG/L | 0.25 U | 0.05 U |
| beta endosulfan | SW8081A | UG/L | 0.5 U | 0.1 U |
| delta BHC | SW8081A | UG/L | 0.25 U | 0.05 U |
| dieldrin | SW8081A | UG/L | 0.5 U | 0.1 U |
| endosulfan sulfate | SW8081A | UG/L | 0.5 U | 0.1 U |
| endrin | SW8081A | UG/L | 0.5 U | 0.1 U |
| endrin aldehyde | SW8081A | UG/L | 0.5 U | 0.1 U |
| endrin ketone | SW8081A | UG/L | 0.5 U | 0.1 U |
| gamma BHC (lindane) | SW8081A | UG/L | 0.25 U | 0.05 U |
| gamma-chlordane | SW8081A | UG/L | 0.25 U | 0.05 U |
| heptachlor | SW8081A | UG/L | 0.25 U | 0.05 U |
| heptachlor epoxide | SW8081A | UG/L | 0.25 U | 0.05 U |
| methoxychlor | SW8081A | UG/L | 10 U | 2 U |
| p,p'-DDD | SW8081A | UG/L | 0.5 U | 0.1 U |
| p,p'-DDE | SW8081A | UG/L | 0.5 U | 0.1 U |
| p,p'-DDT | SW8081A | UG/L | 0.5 U | 0.1 U |
| toxaphene | SW8081A | UG/L | 10 U | 2 U |

## Table 5-9C. Analytical Results for North Valley Military Landfill - Groundwater
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| | Location ID | | LFP-9-W1 | LFP-24-W1 |
|---|---|---|---|---|
| | Sample Depth | | 0-0 | 0-0 |
| | Sample Date | | 5/31/00 | 5/31/00 |
| | Lab | | Quanterra | Quanterra |
| | Sample Type | | N | N |
| | Event | | RAW | RAW |
| **Analyte** | **Method** | **Units** | | |
| PCB-1016 (Arochlor 1016) | SW8082 | UG/L | 50 U | 1 UJ |
| PCB-1221 (Arochlor 1221) | SW8082 | UG/L | 100 U | 2 UJ |
| PCB-1232 (Arochlor 1232) | SW8082 | UG/L | 50 U | 1 UJ |
| PCB-1242 (Arochlor 1242) | SW8082 | UG/L | 50 U | 1 UJ |
| PCB-1248 (Arochlor 1248) | SW8082 | UG/L | 50 U | 1 UJ |
| PCB-1254 (Arochlor 1254) | SW8082 | UG/L | 50 U | 1 UJ |
| PCB-1260 (Arochlor 1260) | SW8082 | UG/L | 50 U | 1 UJ |

## Table 5-9C. Analytical Results for North Valley Military Landfill - Groundwater
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| | | Location ID | LFP-9-W1 | LFP-24-W1 |
|---|---|---|---|---|
| | | Sample Depth | 0-0 | 0-0 |
| | | Sample Date | 5/31/00 | 5/31/00 |
| | | Lab | Quanterra | Quanterra |
| | | Sample Type | N | N |
| | | Event | RAW | RAW |
| **Analyte** | **Method** | **Units** | | |
| 1,1,1,2-tetrachloroethane | SW8260B | UG/L | 1 U | 1 U |
| 1,1,1-trichloroethane | SW8260B | UG/L | 1 U | 1 U |
| 1,1,2,2-tetrachloroethane | SW8260B | UG/L | 1 U | 1 U |
| 1,1,2-trichloroethane | SW8260B | UG/L | 1 U | 1 U |
| 1,1-dichloroethane | SW8260B | UG/L | 3 U | 3 U |
| 1,1-dichloroethene | SW8260B | UG/L | 1 U | 1 U |
| 1,1-dichloropropene | SW8260B | UG/L | 1 U | 1 U |
| 1,2,3-trichlorobenzene | SW8260B | UG/L | 1 U | 1 U |
| 1,2,3-trichloropropane | SW8260B | UG/L | 2 U | 2 U |
| 1,2,4-trichlorobenzene | SW8260B | UG/L | 1 U | 1 U |
| 1,2,4-trimethylbenzene | SW8260B | UG/L | 1 U | 1 U |
| 1,2-dibromo-3-chloropropane | SW8260B | UG/L | 2 U | 2 U |
| 1,2-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U |
| 1,2-dichloroethane | SW8260B | UG/L | 1 U | 1 U |
| 1,2-dichloropropane | SW8260B | UG/L | 1 U | 1 U |
| 1,3,5-trimethylbenzene | SW8260B | UG/L | 1 U | 1 U |
| 1,3-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U |
| 1,3-dichloropropane | SW8260B | UG/L | 1 U | 1 U |
| 1,4-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U |
| 2,2-dichloropropane | SW8260B | UG/L | 1 U | 1 U |
| 2-butanone | SW8260B | UG/L | 10 UJ | 10 UJ |
| 2-chloroethyl vinyl ether | SW8260B | UG/L | 5 UR | 5 UR |
| 2-chlorotoluene | SW8260B | UG/L | 1 U | 1 U |
| 2-hexanone | SW8260B | UG/L | 10 U | 10 U |
| 4-chlorotoluene | SW8260B | UG/L | 1 U | 1 U |
| 4-methyl-2-pentanone | SW8260B | UG/L | 10 U | 10 U |
| acetone | SW8260B | UG/L | 10 UJ | 15 J |
| benzene | SW8260B | UG/L | 1 U | 1 U |
| bromobenzene | SW8260B | UG/L | 1 U | 1 U |

## Table 5-9C. Analytical Results for North Valley Military Landfill - Groundwater
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| | Location ID | | LFP-9-W1 | LFP-24-W1 |
|---|---|---|---|---|
| | Sample Depth | | 0-0 | 0-0 |
| | Sample Date | | 5/31/00 | 5/31/00 |
| | Lab | | Quanterra | Quanterra |
| | Sample Type | | N | N |
| | Event | | RAW | RAW |
| **Analyte** | **Method** | **Units** | | |
| bromochloromethane | SW8260B | UG/L | 1 U | 1 U |
| bromodichloromethane | SW8260B | UG/L | 1 U | 1 U |
| bromoform | SW8260B | UG/L | 1 U | 1 U |
| bromomethane | SW8260B | UG/L | 2 U | 2 U |
| carbon disulfide | SW8260B | UG/L | 2 U | 2 U |
| carbon tetrachloride | SW8260B | UG/L | 1 U | 1 U |
| chlorobenzene | SW8260B | UG/L | 1 U | 1 U |
| chloroethane | SW8260B | UG/L | 2 U | 2 U |
| chloroform | SW8260B | UG/L | 1 U | 1 U |
| chloromethane | SW8260B | UG/L | 2 U | 2 U |
| cis-1,2-dichloroethene | SW8260B | UG/L | 1 U | 1 U |
| cis-1,3-dichloropropene | SW8260B | UG/L | 1 U | 1 U |
| dibromochloromethane | SW8260B | UG/L | 1 U | 1 U |
| dibromomethane | SW8260B | UG/L | 1 U | 1 U |
| dichlorodifluoromethane | SW8260B | UG/L | 2 U | 2 U |
| ethylbenzene | SW8260B | UG/L | 1 U | 1 U |
| ethylene dibromide | SW8260B | UG/L | 1 U | 1 U |
| Freon 113 | SW8260B | UG/L | 2 U | 2 U |
| hexachlorobutadiene | SW8260B | UG/L | 1 U | 1 U |
| isopropylbenzene (cumene) | SW8260B | UG/L | 1 U | 1 U |
| methylene chloride | SW8260B | UG/L | 2 U | 2 U |
| n-butylbenzene | SW8260B | UG/L | 1 U | 1 U |
| n-propylbenzene | SW8260B | UG/L | 1 U | 1 U |
| naphthalene | SW8260B | UG/L | 1 U | 1 U |
| p-cymene (p-isopropyltoluene) | SW8260B | UG/L | 1 U | 0.67 J |
| sec-butylbenzene | SW8260B | UG/L | 1 U | 1 U |
| styrene | SW8260B | UG/L | 1 U | 1 U |
| t-butylbenzene | SW8260B | UG/L | 1 U | 1 U |
| tert-butyl methyl ether | SW8260B | UG/L | 2 U | 2 U |

**Table 5-9C. Analytical Results for North Valley Military Landfill - Groundwater**
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| | Location ID | | LFP-9-W1 | LFP-24-W1 |
|---|---|---|---|---|
| | Sample Depth | | 0-0 | 0-0 |
| | Sample Date | | 5/31/00 | 5/31/00 |
| | Lab | | Quanterra | Quanterra |
| | Sample Type | | N | N |
| | Event | | RAW | RAW |
| **Analyte** | **Method** | **Units** | | |
| tetrachloroethene (PCE) | SW8260B | UG/L | 1 U | 1 U |
| toluene | SW8260B | UG/L | 1 U | 1 U |
| trans-1,2-dichloroethene | SW8260B | UG/L | 1 U | 1 U |
| trans-1,3-dichloropropene | SW8260B | UG/L | 1 U | 1 U |
| trichloroethene (TCE) | SW8260B | UG/L | 1 U | 1 U |
| trichlorofluoromethane | SW8260B | UG/L | 2 U | 2 U |
| vinyl acetate | SW8260B | UG/L | 10 U | 10 U |
| vinyl chloride | SW8260B | UG/L | 2 U | 2 U |
| xylene (m,p) | SW8260B | UG/L | 1 U | 1 U |
| xylene (o) | SW8260B | UG/L | 1 U | 1 U |

**Table 5-9C. Analytical Results for North Valley Military Landfill - Groundwater**
(Page 7 of 10)

| | Location ID | | LFP-9-W1 | LFP-24-W1 |
|---|---|---|---|---|
| | Sample Depth | | 0-0 | 0-0 |
| | Sample Date | | 5/31/00 | 5/31/00 |
| | Lab | | Quanterra | Quanterra |
| | Sample Type | | N | N |
| | Event | | RAW | RAW |
| **Analyte** | **Method** | **Units** | | |
| 1,2,3,4,6,7,8-HpCDD | SW8290 | PG/L | 0.93 U | 24 U |
| 1,2,3,4,6,7,8-HpCDF | SW8290 | PG/L | 0.86 U | 19 U |
| 1,2,3,4,7,8,9-HpCDF | SW8290 | PG/L | 0.31 U | 0.48 U |
| 1,2,3,4,7,8-HxCDD | SW8290 | PG/L | 0.34 U | 0.24 U |
| 1,2,3,4,7,8-HxCDF | SW8290 | PG/L | 0.7 U | 1.1 U |
| 1,2,3,6,7,8-HxCDD | SW8290 | PG/L | 0.25 U | 0.8 U |
| 1,2,3,6,7,8-HxCDF | SW8290 | PG/L | 0.21 U | 0.46 U |
| 1,2,3,7,8,9-HxCDD | SW8290 | PG/L | 0.24 U | 0.24 U |
| 1,2,3,7,8,9-HxCDF | SW8290 | PG/L | 0.26 U | 0.25 U |
| 1,2,3,7,8-PeCDD | SW8290 | PG/L | 0.4 U | 0.56 U |
| 1,2,3,7,8-PeCDF | SW8290 | PG/L | 0.55 U | 0.5 U |
| 2,3,4,6,7,8-HxCDF | SW8290 | PG/L | 0.23 U | 0.3 U |
| 2,3,4,7,8-PeCDF | SW8290 | PG/L | 0.53 U | 0.48 U |
| 2,3,7,8-TCDD | SW8290 | PG/L | 0.46 U | 0.19 U |
| 2,3,7,8-TCDF | SW8290 | PG/L | 0.74 U | 2.8 U |
| OCDD | SW8290 | PG/L | 6.4 U | 260 |
| OCDF | SW8290 | PG/L | 0.96 U | 14 U |

## Table 5-9C. Analytical Results for North Valley Military Landfill - Groundwater
(Page 8 of 10)

| | Location ID | | LFP-9-W1 | LFP-24-W1 |
|---|---|---|---|---|
| | Sample Depth | | 0-0 | 0-0 |
| | Sample Date | | 5/31/00 | 5/31/00 |
| | Lab | | Quanterra | Quanterra |
| | Sample Type | | N | N |
| | Event | | RAW | RAW |
| **Analyte** | **Method** | **Units** | | |
| acenaphthene | SW8310 | UG/L | 2 UJ | 2 UJ |
| acenapthylene | SW8310 | UG/L | 2 UJ | 2 UJ |
| anthracene | SW8310 | UG/L | 0.1 U | 0.1 UJ |
| benzo(a)anthracene | SW8310 | UG/L | 0.1 U | 0.1 UJ |
| benzo(a)pyrene | SW8310 | UG/L | 0.1 U | 0.1 UJ |
| benzo(b)fluoranthene | SW8310 | UG/L | 0.2 U | 0.2 UJ |
| benzo(g,h,i)perylene | SW8310 | UG/L | 0.2 U | 0.2 UJ |
| benzo(k)fluoranthene | SW8310 | UG/L | 0.1 U | 0.1 UJ |
| chrysene | SW8310 | UG/L | 0.1 U | 0.1 UJ |
| dibenz(a,h)anthracene | SW8310 | UG/L | 0.2 UJ | 0.2 UJ |
| fluoranthene | SW8310 | UG/L | 0.2 U | 0.2 UJ |
| fluorene | SW8310 | UG/L | 0.2 U | 0.2 UJ |
| indeno(1,2,3-c,d)pyrene | SW8310 | UG/L | 0.2 U | 0.2 UJ |
| naphthalene | SW8310 | UG/L | 1 UJ | 1 UJ |
| phenanthrene | SW8310 | UG/L | 0.1 U | 0.1 UJ |
| pyrene | SW8310 | UG/L | 0.2 U | 0.2 UJ |

## Table 5-9C. Analytical Results for North Valley Military Landfill - Groundwater
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| | Location ID | | LFP-9-W1 | LFP-24-W1 |
|---|---|---|---|---|
| | Sample Depth | | 0-0 | 0-0 |
| | Sample Date | | 5/31/00 | 5/31/00 |
| | Lab | | Quanterra | Quanterra |
| | Sample Type | | N | N |
| | Event | | RAW | RAW |
| **Analyte** | **Method** | **Units** | | |
| 1,3,5-trinitrobenzene | SW8330 | UG/L | 0.13 UJ | 5 U |
| 1,3-dinitrobenzene | SW8330 | UG/L | 5 U | 5 U |
| 2,4,6-trinitrotoluene | SW8330 | UG/L | 5 U | 5 U |
| 2,4-dinitrotoluene | SW8330 | UG/L | 5 U | 0.66 J |
| 2,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U |
| 2-nitrotoluene | SW8330 | UG/L | 5 U | 5 U |
| 3-nitrotoluene | SW8330 | UG/L | 5 UJ | 5 UJ |
| 4-amino-2,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U |
| 4-nitrotoluene | SW8330 | UG/L | 5 UJ | 5 UJ |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | UG/L | 5 U | 5 U |
| nitrobenzene | SW8330 | UG/L | 5 U | 5 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | UG/L | 5 U | 0.26 J |
| tetryl | SW8330 | UG/L | 5 U | 5 U |

**Table 5-9C. Analytical Results for North Valley Military Landfill - Groundwater**
(Page 10 of 10)

| | Location ID | | LFP-9-W1 | LFP-24-W1 |
|---|---|---|---|---|
| | Sample Depth | | 0-0 | 0-0 |
| | Sample Date | | 5/31/00 | 5/31/00 |
| | Lab | | Quanterra | Quanterra |
| | Sample Type | | N | N |
| | Event | | RAW | RAW |
| **Analyte** | **Method** | **Units** | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/L | 0.007 UJ | 0.007 UJ |
| nitrogen, nitrate (as N) | E300-NO3N | MG/L | 0.084 J | 0.005 UJ |
| diesel fuel #2 | M8015B | UG/L | 50 UJ | 50 UJ |
| kerosene | M8015B | UG/L | 50 U | 50 U |
| motor oils | M8015B | UG/L | 500 U | 500 U |
| unknown extract. hydrocarbon | M8015B | UG/L | 81 J- | 200 J- |
| chloropicrin | SW8270 | UG/L | 4.7 U | 4.7 U |
| pentachlorophenol | SW8270C | UG/L | 47 U | 48 UJ |
| nitroglycerin | SW8330M | UG/L | 25 U | 25 U |
| pentaerythritol tetranitrate | SW8330M | UG/L | 50 U | 50 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-1/4.5 | AR-1A/0.5 | AR-1A/1.0 | AR-2/5 | AR-2/5.5 | AR-2A/0.5 | AR-2/10.5 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 4.5-5 | 0.5-1 | 1-1.5 | 5-5.5 | 5.5-6 | 0.5-1 | 10.5-11 |
| | Sample Date | | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | FR | N | FR | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | |
| aluminum | SW6010B | MG/KG | 23900 | 19400 | 19800 | 19400 | 20300 | 12000 | 20600 |
| antimony | SW6010B | MG/KG | 0.84 J | 1.2 J | 0.84 J | 0.7 J | 0.88 J | 1.3 J | 0.36 UJ |
| arsenic | SW6010B | MG/KG | 15.4 J | 12.8 J | 11.1 J | 9.4 J | 27.1 J | 13.5 J | 15.8 J |
| barium | SW6010B | MG/KG | 516 | 290 | 314 | 221 | 467 | 244 | 865 |
| beryllium | SW6010B | MG/KG | 0.81 | 0.56 | 0.79 | 0.75 | 0.67 | 0.5 | 0.76 |
| cadmium | SW6010B | MG/KG | 0.51 U | 0.53 U | 0.5 U | 0.51 U | 0.51 U | 0.81 J | 0.49 U |
| calcium | SW6010B | MG/KG | 2510 | 3990 | 3020 | 3640 | 3970 | 2420 | 3950 |
| chromium, total | SW6010B | MG/KG | 56.2 | 60 | 51.9 | 44.4 | 46.7 | 36.7 J+ | 46.1 |
| cobalt | SW6010B | MG/KG | 32.1 | 24.7 | 31.4 | 18.8 | 45.7 | 11.2 | 28.8 |
| copper | SW6010B | MG/KG | 66 | 59.3 | 59 | 76.5 | 70.9 | 44.6 | 68 |
| iron | SW6010B | MG/KG | 41800 | 39600 | 35400 | 38200 | 42500 | 26300 | 43100 |
| lead | SW6010B | MG/KG | 12.7 J | 135 J | 12.6 J | 10.6 J | 16.5 J | 33 J | 12.7 J |
| magnesium | SW6010B | MG/KG | 10800 | 5490 | 5660 | 9200 | 9670 | 3420 | 10400 |
| manganese | SW6010B | MG/KG | 4340 J | 1630 J | 2690 J | 646 J | 1560 J | 594 | 890 J |
| molybdenum | SW6010B | MG/KG | 0.91 UJ | 1.3 UJ | 1.3 UJ | 0.85 UJ | 2 UJ | 0.61 U | 1.1 UJ |
| nickel | SW6010B | MG/KG | 129 J | 50.4 J | 74.4 J | 61.9 J | 106 J | 33.7 | 63.7 J |
| phosphorus, total (as P) | SW6010B | MG/KG | 144 | 283 | 200 | 205 | 233 | 222 | 222 |
| potassium | SW6010B | MG/KG | 2140 | 1850 | 1420 | 1130 | 1140 | 1990 | 1880 |
| selenium | SW6010B | MG/KG | 0.33 UJ | 0.35 UJ | 0.33 UJ | 0.45 J | 0.34 UJ | 0.35 U | 1.2 J |
| silver | SW6010B | MG/KG | 0.23 U | 0.24 U | 0.23 U | 0.23 U | 0.23 U | 0.24 U | 0.22 U |
| sodium | SW6010B | MG/KG | 655 | 269 | 520 | 1120 | 1120 | 93.5 J | 809 |
| thallium | SW6010B | MG/KG | 1.3 J | 0.47 U | 0.44 U | 0.45 U | 0.45 U | 0.47 U | 0.87 U |
| vanadium | SW6010B | MG/KG | 77.2 | 75 | 69.4 | 45.5 | 53.8 | 51.3 J+ | 50.8 |
| zinc | SW6010B | MG/KG | 84.8 | 80.5 | 64.4 | 101 | 109 | 67.4 | 113 |
| mercury | SW7471A | MG/KG | 0.011 J | 0.12 | 0.016 J | 0.11 | 0.096 | 0.094 | 0.096 |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-3/4.5 | AR-3/10.5 | AR-3/13.5 | AR-3/18 | AR-3A/0.5 | AR-4/4.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 4.5-5 | 10.5-11 | 13.5-14 | 18-18.5 | 0.5-1 | 4.5-5 |
| | Sample Date | | 12/10/99 | 12/10/99 | 12/11/99 | 12/11/99 | 12/10/99 | 12/11/99 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| aluminum | SW6010B | MG/KG | 19700 | 21200 | 21800 | 19500 | 19800 | 19500 |
| antimony | SW6010B | MG/KG | 0.85 J | 0.95 J | 0.86 J | 0.99 J | 0.88 J | 1 J |
| arsenic | SW6010B | MG/KG | 10.6 J | 11 J | 9.1 J | 21.9 J | 11.9 J | 24.4 J |
| barium | SW6010B | MG/KG | 307 | 338 | 216 | 140 | 241 | 358 |
| beryllium | SW6010B | MG/KG | 0.72 | 0.73 | 0.77 | 0.37 J | 0.51 | 0.65 |
| cadmium | SW6010B | MG/KG | 0.52 U | 0.54 U | 0.51 U | 0.5 U | 0.51 U | 0.5 U |
| calcium | SW6010B | MG/KG | 2640 | 2750 | 17200 | 7220 | 14000 | 4760 |
| chromium, total | SW6010B | MG/KG | 46.4 J+ | 45 J+ | 46.6 | 44.4 | 46.6 J+ | 42.2 J+ |
| cobalt | SW6010B | MG/KG | 19.9 | 21.7 | 21.5 | 16.2 | 20.2 | 22.7 |
| copper | SW6010B | MG/KG | 63.2 | 60 | 69.6 | 52.7 | 62.7 | 68.6 |
| iron | SW6010B | MG/KG | 36300 | 38200 | 42500 | 41300 | 39400 | 37100 |
| lead | SW6010B | MG/KG | 11.4 J | 11.5 J | 8.5 J | 8.9 J | 9.7 J | 13.7 J |
| magnesium | SW6010B | MG/KG | 6780 | 11200 | 14200 | 9740 | 9440 | 9620 |
| manganese | SW6010B | MG/KG | 1770 | 1500 | 588 J | 711 J | 707 | 4100 |
| molybdenum | SW6010B | MG/KG | 0.88 UJ | 0.99 UJ | 0.97 UJ | 1.7 UJ | 0.92 UJ | 0.58 U |
| nickel | SW6010B | MG/KG | 55.4 | 56.3 | 56.3 J | 43.4 J | 56 | 85.8 |
| phosphorus, total (as P) | SW6010B | MG/KG | 153 | 159 | 188 | 234 | 239 | 172 |
| potassium | SW6010B | MG/KG | 1750 | 2140 | 1160 | 1350 | 1410 | 1240 |
| selenium | SW6010B | MG/KG | 0.34 U | 0.35 U | 0.33 UJ | 0.33 UJ | 0.33 U | 0.33 U |
| silver | SW6010B | MG/KG | 0.24 U | 0.24 U | 0.23 U | 0.23 U | 0.23 U | 0.23 U |
| sodium | SW6010B | MG/KG | 1350 | 920 | 865 | 582 | 150 J | 374 |
| thallium | SW6010B | MG/KG | 0.46 U | 0.48 U | 0.45 U | 0.44 U | 0.45 U | 0.99 J |
| vanadium | SW6010B | MG/KG | 65.5 J+ | 55.7 J+ | 54.3 | 75.5 | 57.6 J+ | 45 J+ |
| zinc | SW6010B | MG/KG | 61.1 | 82.4 | 102 | 88.4 | 90 | 104 |
| mercury | SW7471A | MG/KG | 0.019 J | 0.033 J | 0.07 | 0.089 | 0.074 | 0.082 |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-4/11 | AR-4/15.5 | AR-4/20.5 | AR-4/25.5 | AR-4/30.5 | AR-4A/0.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 11-11.5 | 15.5-16 | 20.5-21 | 25.5-26 | 30.5-31 | 0.5-1 |
| | Sample Date | | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| aluminum | SW6010B | MG/KG | 20800 | 20500 | 21400 | 21300 | 23300 | 22200 |
| antimony | SW6010B | MG/KG | 0.66 J | 0.59 J | 0.36 UJ | 0.64 J | 0.65 J | 1.2 J |
| arsenic | SW6010B | MG/KG | 13.6 J | 11.5 J | 8 J | 13 J | 6 J | 13.3 J |
| barium | SW6010B | MG/KG | 134 | 145 | 204 | 52.5 | 59.7 | 274 |
| beryllium | SW6010B | MG/KG | 0.55 | 0.57 | 0.61 | 0.63 | 0.6 | 0.68 |
| cadmium | SW6010B | MG/KG | 0.48 U | 0.49 U | 0.49 U | 0.48 U | 0.47 U | 0.61 U |
| calcium | SW6010B | MG/KG | 3860 | 5520 | 4040 | 3380 | 2140 | 5620 |
| chromium, total | SW6010B | MG/KG | 54 J+ | 57.8 J+ | 50.9 J+ | 53.9 J+ | 57 J+ | 55.5 J+ |
| cobalt | SW6010B | MG/KG | 22.6 | 19.3 | 16.8 | 20.9 | 17.8 | 21.8 |
| copper | SW6010B | MG/KG | 70.8 | 68.7 | 69.8 | 72.7 | 77.8 | 59.6 |
| iron | SW6010B | MG/KG | 44200 | 43000 | 42300 | 42900 | 48200 | 42700 |
| lead | SW6010B | MG/KG | 10.3 J | 9.8 J | 9.2 J | 9.2 J | 9.7 J | 14.2 J |
| magnesium | SW6010B | MG/KG | 11700 | 11200 | 11400 | 12900 | 13300 | 6150 |
| manganese | SW6010B | MG/KG | 731 | 652 | 641 | 570 | 483 | 1380 |
| molybdenum | SW6010B | MG/KG | 0.66 UJ | 0.59 UJ | 0.57 U | 0.63 UJ | 0.61 UJ | 1.2 UJ |
| nickel | SW6010B | MG/KG | 69.7 | 63.8 | 66.1 | 74.4 | 73 | 56.5 |
| phosphorus, total (as P) | SW6010B | MG/KG | 237 | 270 | 222 | 226 | 245 | 224 |
| potassium | SW6010B | MG/KG | 1560 | 1640 | 2010 | 2090 | 1900 | 2000 |
| selenium | SW6010B | MG/KG | 2.1 J | 1.8 J | 1.4 J | 1.3 J | 1.9 J | 0.4 U |
| silver | SW6010B | MG/KG | 0.22 U | 0.22 U | 0.22 U | 0.22 U | 0.21 U | 0.28 U |
| sodium | SW6010B | MG/KG | 280 | 261 | 297 | 469 | 545 | 168 J |
| thallium | SW6010B | MG/KG | 0.86 U | 0.87 U | 0.87 U | 0.84 U | 0.83 U | 0.54 U |
| vanadium | SW6010B | MG/KG | 53 J+ | 57.6 J+ | 49.7 J+ | 52.6 J+ | 57.2 J+ | 86.4 J+ |
| zinc | SW6010B | MG/KG | 101 | 117 | 103 | 94.4 | 103 | 77.3 |
| mercury | SW7471A | MG/KG | 0.098 | 0.077 | 0.084 | 0.06 | 0.058 | 0.023 J |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-1R/0.5 | AR-2R/0.5 | AR-4R/0.5 | AR-7/0.5 | AR-7/4 | AR-7/10 | AR-7/15 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 0.5-1 | 0.5-1 | 0.5-1 | 4-4.5 | 10-10.5 | 15-15.5 |
| | Sample Date | | 4/21/00 | 4/21/00 | 4/21/00 | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | | |
| PCB-1016 (Arochlor 1016) | SW8082 | MG/KG | 0.037 U | 0.037 U | 0.18 U | 0.18 UJ | 0.039 UJ | 0.037 UJ | 0.04 UJ |
| PCB-1221 (Arochlor 1221) | SW8082 | MG/KG | 0.075 U | 0.075 U | 0.37 U | 0.37 UJ | 0.079 UJ | 0.075 UJ | 0.08 UJ |
| PCB-1232 (Arochlor 1232) | SW8082 | MG/KG | 0.037 U | 0.037 U | 0.18 U | 0.18 UJ | 0.039 UJ | 0.037 UJ | 0.04 UJ |
| PCB-1242 (Arochlor 1242) | SW8082 | MG/KG | 0.037 U | 0.037 U | 0.18 U | 0.18 UJ | 0.039 UJ | 0.037 UJ | 0.04 UJ |
| PCB-1248 (Arochlor 1248) | SW8082 | MG/KG | 0.037 U | 0.037 U | 0.18 U | 0.18 UJ | 0.039 UJ | 0.037 UJ | 0.04 UJ |
| PCB-1254 (Arochlor 1254) | SW8082 | MG/KG | 0.037 U | 0.037 U | 0.18 U | 0.18 UJ | 0.039 UJ | 0.037 UJ | 0.04 UJ |
| PCB-1260 (Arochlor 1260) | SW8082 | MG/KG | 0.037 U | 0.037 U | 0.18 U | 0.18 UJ | 0.039 UJ | 0.037 UJ | 0.04 UJ |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-7/20 | AR-7R/0.5 | AR-8R/0.5 | AR-9R/0.5 | AR-10/0.5 | AR-12/0.5 | AR-12R/0.5 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 20-20.5 | 0.5-1 | 0.5-1 | 0.5-1 | 0.5-1 | 0.5-1 | 0.5-1 |
| | Sample Date | | 3/30/00 | 4/21/00 | 4/21/00 | 4/21/00 | 3/31/00 | 3/30/00 | 4/21/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | | |
| PCB-1016 (Arochlor 1016) | SW8082 | MG/KG | 0.038 U | 0.19 U | 0.36 U | 0.038 U | 0.038 UJ | 0.041 UJ | 0.18 U |
| PCB-1221 (Arochlor 1221) | SW8082 | MG/KG | 0.077 U | 0.39 U | 0.74 U | 0.077 U | 0.078 UJ | 0.082 UJ | 0.38 U |
| PCB-1232 (Arochlor 1232) | SW8082 | MG/KG | 0.038 U | 0.19 U | 0.36 U | 0.038 U | 0.038 UJ | 0.041 UJ | 0.18 U |
| PCB-1242 (Arochlor 1242) | SW8082 | MG/KG | 0.038 U | 0.19 U | 0.36 U | 0.038 U | 0.038 UJ | 0.041 UJ | 0.18 U |
| PCB-1248 (Arochlor 1248) | SW8082 | MG/KG | 0.038 U | 0.19 U | 0.36 U | 0.038 U | 0.038 UJ | 0.041 UJ | 0.18 U |
| PCB-1254 (Arochlor 1254) | SW8082 | MG/KG | 0.038 U | 0.19 U | 0.36 U | 0.038 U | 0.038 UJ | 0.041 UJ | 0.18 U |
| PCB-1260 (Arochlor 1260) | SW8082 | MG/KG | 0.038 U | 0.19 U | 0.36 U | 0.038 U | 0.038 UJ | 0.041 UJ | 0.18 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-1/0.5 | AR-1/1 | AR-1/4 | AR-1/8 | AR-2/0.5 | AR-2/4 | AR-2/4.5 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 1-1.5 | 4-4.5 | 8-8.5 | 0.5-1 | 4-4.5 | 4.5-5 |
| | Sample Date | | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | FR | N | N | N | N | FR |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 1,1,1-trichloroethane | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 1,1,2,2-tetrachloroethane | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 1,1,2-trichloroethane | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 1,1-dichloroethane | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 1,1-dichloroethene | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 1,1-dichloropropene | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 1,2,3-trichlorobenzene | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 1,2,3-trichloropropane | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 1,2,4-trichlorobenzene | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 1,2,4-trimethylbenzene | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 1,2-dibromo-3-chloropropane | SW8260B | MG/KG | 0.012 UJ | 0.01 UJ | 0.013 U | 0.012 U | 0.016 U | 0.011 U | 0.012 U |
| 1,2-dibromoethane | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 1,2-dichlorobenzene | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 1,2-dichloroethane | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 1,2-dichloropropane | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 1,3,5-trimethylbenzene | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 1,3-dichlorobenzene | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 1,3-dichloropropane | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 1,4-dichlorobenzene | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 2,2-dichloropropane | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 2-butanone | SW8260B | MG/KG | 0.024 U | 0.021 U | 0.025 U | 0.024 U | 0.032 U | 0.023 U | 0.023 U |
| 2-chloroethyl vinyl ether | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 2-chlorotoluene | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 2-hexanone | SW8260B | MG/KG | 0.024 UJ | 0.021 UJ | 0.025 UJ | 0.024 UJ | 0.032 UJ | 0.023 UJ | 0.023 UJ |
| 4-chlorotoluene | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| 4-methyl-2-pentanone | SW8260B | MG/KG | 0.024 U | 0.021 U | 0.025 U | 0.024 U | 0.032 U | 0.023 U | 0.023 U |
| acetone | SW8260B | MG/KG | 0.024 U | 0.021 U | 0.025 U | 0.024 U | 0.032 U | 0.023 U | 0.023 U |
| benzene | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-1/0.5 | AR-1/1 | AR-1/4 | AR-1/8 | AR-2/0.5 | AR-2/4 | AR-2/4.5 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 1-1.5 | 4-4.5 | 8-8.5 | 0.5-1 | 4-4.5 | 4.5-5 |
| | Sample Date | | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | FR | N | N | N | N | FR |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | |
| bromobenzene | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| bromochloromethane | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| bromodichloromethane | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| bromoform | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| bromomethane | SW8260B | MG/KG | 0.012 U | 0.01 U | 0.013 U | 0.012 U | 0.016 U | 0.011 U | 0.012 U |
| carbon disulfide | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| carbon tetrachloride | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| chlorobenzene | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| chloroethane | SW8260B | MG/KG | 0.012 U | 0.01 U | 0.013 U | 0.012 U | 0.016 U | 0.011 U | 0.012 U |
| chloroform | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| chloromethane | SW8260B | MG/KG | 0.012 U | 0.01 U | 0.013 U | 0.012 U | 0.016 U | 0.011 U | 0.012 U |
| cis-1,2-dichloroethene | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| cis-1,3-dichloropropene | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| dibromochloromethane | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| dibromomethane | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| dichlorodifluoromethane | SW8260B | MG/KG | 0.012 U | 0.01 U | 0.013 U | 0.012 U | 0.016 U | 0.011 U | 0.012 U |
| ethylbenzene | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| ethylene dibromide | SW8260B | MG/KG | | | | | | | |
| Freon 113 | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| hexachlorobutadiene | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| isopropylbenzene (cumene) | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| methylene chloride | SW8260B | MG/KG | 0.024 UR | 0.021 UR | 0.025 UR | 0.024 UR | 0.032 UR | 0.023 UR | 0.023 UR |
| n-butylbenzene | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| n-propylbenzene | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| naphthalene | SW8260B | MG/KG | 0.012 UJ | 0.01 UJ | 0.013 U | 0.012 U | 0.016 U | 0.011 U | 0.012 U |
| p-cymene (p-isopropyltoluene) | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| sec-butylbenzene | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| styrene | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| t-butylbenzene | SW8260B | MG/KG | 0.0061 UJ | 0.0052 UJ | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-1/0.5 | AR-1/1 | AR-1/4 | AR-1/8 | AR-2/0.5 | AR-2/4 | AR-2/4.5 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 1-1.5 | 4-4.5 | 8-8.5 | 0.5-1 | 4-4.5 | 4.5-5 |
| | Sample Date | | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | FR | N | N | N | N | FR |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | |
| tert-butyl methyl ether | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| tetrachloroethene (PCE) | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| toluene | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| trans-1,2-dichloroethene | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| trans-1,3-dichloropropene | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| trichloroethene (TCE) | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |
| trichlorofluoromethane | SW8260B | MG/KG | 0.012 U | 0.01 U | 0.013 U | 0.012 U | 0.016 U | 0.011 U | 0.012 U |
| vinyl acetate | SW8260B | MG/KG | 0.012 UJ | 0.01 UJ | 0.013 UJ | 0.012 UJ | 0.016 UJ | 0.011 UJ | 0.012 UJ |
| vinyl chloride | SW8260B | MG/KG | 0.012 U | 0.01 U | 0.013 U | 0.012 U | 0.016 U | 0.011 U | 0.012 U |
| xylene (m,p) | SW8260B | MG/KG | 0.012 UJ | 0.01 UJ | 0.013 UJ | 0.012 UJ | 0.016 UJ | 0.011 UJ | 0.012 UJ |
| xylene (o) | SW8260B | MG/KG | 0.0061 U | 0.0052 U | 0.0063 U | 0.0061 U | 0.0079 U | 0.0057 U | 0.0058 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-2/10 | AR-3/0.5 | AR-3/4 | AR-3/10 | AR-3/13 | AR-3/17.5 | AR-4/0.5 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 0.5-1 | 4-4.5 | 10-10.5 | 13-13.5 | 17.5-18 | 0.5-1 |
| | Sample Date | | 12/11/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 1,1,1-trichloroethane | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 1,1,2,2-tetrachloroethane | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 1,1,2-trichloroethane | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 1,1-dichloroethane | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 1,1-dichloroethene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 1,1-dichloropropene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 1,2,3-trichlorobenzene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 1,2,3-trichloropropane | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 1,2,4-trichlorobenzene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 1,2,4-trimethylbenzene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 1,2-dibromo-3-chloropropane | SW8260B | MG/KG | 0.014 U | 0.01 U | 0.011 U | 0.011 U | 0.011 U | 0.019 U | 0.01 U |
| 1,2-dibromoethane | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 1,2-dichlorobenzene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 1,2-dichloroethane | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 1,2-dichloropropane | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 1,3,5-trimethylbenzene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 1,3-dichlorobenzene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 1,3-dichloropropane | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 1,4-dichlorobenzene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 2,2-dichloropropane | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 2-butanone | SW8260B | MG/KG | 0.028 U | 0.021 U | 0.022 U | 0.023 UJ | 0.023 UJ | 0.037 U | 0.021 U |
| 2-chloroethyl vinyl ether | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 UJ | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 2-chlorotoluene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 2-hexanone | SW8260B | MG/KG | 0.028 UJ | 0.021 UJ | 0.022 UJ | 0.023 UJ | 0.023 UJ | 0.037 UJ | 0.021 UJ |
| 4-chlorotoluene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| 4-methyl-2-pentanone | SW8260B | MG/KG | 0.028 U | 0.021 U | 0.022 U | 0.023 U | 0.023 U | 0.037 U | 0.021 U |
| acetone | SW8260B | MG/KG | 0.028 U | 0.021 U | 0.022 U | 0.023 UJ | 0.023 UJ | 0.023 U | 0.021 U |
| benzene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-2/10 | AR-3/0.5 | AR-3/4 | AR-3/10 | AR-3/13 | AR-3/17.5 | AR-4/0.5 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 0.5-1 | 4-4.5 | 10-10.5 | 13-13.5 | 17.5-18 | 0.5-1 |
| | Sample Date | | 12/11/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | |
| bromobenzene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| bromochloromethane | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| bromodichloromethane | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| bromoform | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| bromomethane | SW8260B | MG/KG | 0.014 U | 0.01 U | 0.011 U | 0.011 U | 0.011 U | 0.019 U | 0.01 U |
| carbon disulfide | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| carbon tetrachloride | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| chlorobenzene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| chloroethane | SW8260B | MG/KG | 0.014 U | 0.01 U | 0.011 U | 0.011 U | 0.011 U | 0.019 U | 0.01 U |
| chloroform | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| chloromethane | SW8260B | MG/KG | 0.014 U | 0.01 U | 0.011 U | 0.011 U | 0.011 U | 0.019 U | 0.01 U |
| cis-1,2-dichloroethene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| cis-1,3-dichloropropene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| dibromochloromethane | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| dibromomethane | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| dichlorodifluoromethane | SW8260B | MG/KG | 0.014 U | 0.01 U | 0.011 U | 0.011 U | 0.011 U | 0.019 U | 0.01 UJ |
| ethylbenzene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| ethylene dibromide | SW8260B | MG/KG | | | | | | | |
| Freon 113 | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| hexachlorobutadiene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| isopropylbenzene (cumene) | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| methylene chloride | SW8260B | MG/KG | 0.028 UR | 0.021 UR | 0.022 UJ | 0.023 UR | 0.023 UR | 0.025 UR | 0.021 U |
| n-butylbenzene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| n-propylbenzene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| naphthalene | SW8260B | MG/KG | 0.014 U | 0.01 U | 0.011 U | 0.011 U | 0.011 U | 0.006 J | 0.01 U |
| p-cymene (p-isopropyltoluene) | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| sec-butylbenzene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.014 | 0.0052 U |
| styrene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| t-butylbenzene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-2/10 | AR-3/0.5 | AR-3/4 | AR-3/10 | AR-3/13 | AR-3/17.5 | AR-4/0.5 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 0.5-1 | 4-4.5 | 10-10.5 | 13-13.5 | 17.5-18 | 0.5-1 |
| | Sample Date | | 12/11/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | |
| tert-butyl methyl ether | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| tetrachloroethene (PCE) | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| toluene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| trans-1,2-dichloroethene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| trans-1,3-dichloropropene | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| trichloroethene (TCE) | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |
| trichlorofluoromethane | SW8260B | MG/KG | 0.014 U | 0.01 U | 0.011 U | 0.011 U | 0.011 U | 0.019 U | 0.01 U |
| vinyl acetate | SW8260B | MG/KG | 0.014 UJ | 0.01 UJ | 0.011 UJ | 0.011 UJ | 0.011 UJ | 0.019 UJ | 0.01 UJ |
| vinyl chloride | SW8260B | MG/KG | 0.014 U | 0.01 U | 0.011 U | 0.011 U | 0.011 U | 0.019 U | 0.01 U |
| xylene (m,p) | SW8260B | MG/KG | 0.014 UJ | 0.01 UJ | 0.011 UJ | 0.011 UJ | 0.011 UJ | 0.019 UJ | 0.01 UJ |
| xylene (o) | SW8260B | MG/KG | 0.0071 U | 0.0052 U | 0.0054 U | 0.0057 U | 0.0057 U | 0.0093 U | 0.0052 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-4/4 | AR-4/10 | AR-4/15 | AR-4/20 | AR-4/25 | AR-4/30 | AR-5/4 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 4-4.5 | 10-10.5 | 15-15.5 | 20-20.5 | 25-25.5 | 30-30.5 | 4-4.5 |
| | Sample Date | | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 4/14/00 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite | Quanterra |
| | Sample Type | | N | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| 1,1,1-trichloroethane | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| 1,1,2,2-tetrachloroethane | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| 1,1,2-trichloroethane | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| 1,1-dichloroethane | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| 1,1-dichloroethene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| 1,1-dichloropropene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| 1,2,3-trichlorobenzene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| 1,2,3-trichloropropane | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| 1,2,4-trichlorobenzene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| 1,2,4-trimethylbenzene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| 1,2-dibromo-3-chloropropane | SW8260B | MG/KG | 0.011 U | 0.012 U | 0.016 U | 0.01 UJ | 0.019 UJ | 0.012 UJ | 0.012 U |
| 1,2-dibromoethane | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 UJ | 0.0061 UJ | |
| 1,2-dichlorobenzene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| 1,2-dichloroethane | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| 1,2-dichloropropane | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| 1,3,5-trimethylbenzene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| 1,3-dichlorobenzene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| 1,3-dichloropropane | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| 1,4-dichlorobenzene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| 2,2-dichloropropane | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| 2-butanone | SW8260B | MG/KG | 0.021 U | 0.024 U | 0.032 U | 0.02 U | 0.039 U | 0.024 U | 0.012 J |
| 2-chloroethyl vinyl ether | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 UJ | 0.0061 UJ | 0.024 UJ |
| 2-chlorotoluene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| 2-hexanone | SW8260B | MG/KG | 0.021 UJ | 0.024 UJ | 0.032 UJ | 0.02 UJ | 0.039 UJ | 0.024 UJ | 0.024 U |
| 4-chlorotoluene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| 4-methyl-2-pentanone | SW8260B | MG/KG | 0.021 U | 0.024 U | 0.032 U | 0.02 U | 0.039 UJ | 0.024 UJ | 0.024 U |
| acetone | SW8260B | MG/KG | 0.021 U | 0.024 U | 0.032 U | 0.02 U | 0.039 U | 0.024 U | 0.07 UJ |
| benzene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-4/4 | AR-4/10 | AR-4/15 | AR-4/20 | AR-4/25 | AR-4/30 | AR-5/4 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 4-4.5 | 10-10.5 | 15-15.5 | 20-20.5 | 25-25.5 | 30-30.5 | 4-4.5 |
| | Sample Date | | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 4/14/00 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite | Quanterra |
| | Sample Type | | N | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | | |
| bromobenzene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| bromochloromethane | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| bromodichloromethane | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| bromoform | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| bromomethane | SW8260B | MG/KG | 0.011 U | 0.012 U | 0.016 U | 0.01 U | 0.019 U | 0.012 U | 0.012 U |
| carbon disulfide | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| carbon tetrachloride | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| chlorobenzene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| chloroethane | SW8260B | MG/KG | 0.011 U | 0.012 U | 0.016 U | 0.01 U | 0.019 U | 0.012 U | 0.012 U |
| chloroform | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| chloromethane | SW8260B | MG/KG | 0.011 U | 0.012 U | 0.016 U | 0.01 U | 0.019 U | 0.012 U | 0.012 U |
| cis-1,2-dichloroethene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| cis-1,3-dichloropropene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| dibromochloromethane | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| dibromomethane | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| dichlorodifluoromethane | SW8260B | MG/KG | 0.011 UJ | 0.012 UJ | 0.016 UJ | 0.01 UJ | 0.019 U | 0.012 U | 0.012 U |
| ethylbenzene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| ethylene dibromide | SW8260B | MG/KG | | | | | | | 0.0061 U |
| Freon 113 | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.012 U |
| hexachlorobutadiene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| isopropylbenzene (cumene) | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| methylene chloride | SW8260B | MG/KG | 0.021 U | 0.024 U | 0.032 U | 0.02 U | 0.039 UJ | 0.024 UJ | 0.0061 U |
| n-butylbenzene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| n-propylbenzene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| naphthalene | SW8260B | MG/KG | 0.011 U | 0.012 U | 0.016 U | 0.01 UJ | 0.019 UJ | 0.012 UJ | 0.012 U |
| p-cymene (p-isopropyltoluene) | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| sec-butylbenzene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| styrene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| t-butylbenzene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 UJ | 0.0097 UJ | 0.0061 UJ | 0.0061 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-4/4 | AR-4/10 | AR-4/15 | AR-4/20 | AR-4/25 | AR-4/30 | AR-5/4 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 4-4.5 | 10-10.5 | 15-15.5 | 20-20.5 | 25-25.5 | 30-30.5 | 4-4.5 |
| | Sample Date | | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 4/14/00 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite | Quanterra |
| | Sample Type | | N | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | | |
| tert-butyl methyl ether | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.012 U |
| tetrachloroethene (PCE) | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 UJ | 0.0061 UJ | 0.0061 U |
| toluene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| trans-1,2-dichloroethene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| trans-1,3-dichloropropene | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| trichloroethene (TCE) | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 U | 0.0061 U | 0.0061 U |
| trichlorofluoromethane | SW8260B | MG/KG | 0.011 U | 0.012 U | 0.016 U | 0.01 U | 0.019 U | 0.012 U | 0.012 U |
| vinyl acetate | SW8260B | MG/KG | 0.011 UJ | 0.012 UJ | 0.016 UJ | 0.01 UJ | 0.019 UJ | 0.012 UJ | 0.012 U |
| vinyl chloride | SW8260B | MG/KG | 0.011 U | 0.012 U | 0.016 U | 0.01 U | 0.019 U | 0.012 U | 0.0061 U |
| xylene (m,p) | SW8260B | MG/KG | 0.011 UJ | 0.012 UJ | 0.016 UJ | 0.01 UJ | 0.019 UJ | 0.012 UJ | 0.012 U |
| xylene (o) | SW8260B | MG/KG | 0.0053 U | 0.006 U | 0.008 U | 0.0051 U | 0.0097 UJ | 0.0061 UJ | 0.0061 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-5/10 | AR-5/15 | AR-6/4 | AR-6/10 | AR-6/15 | AR-7/4 | AR-7/10 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 15-15.5 | 4-4.5 | 10-10.5 | 15-15.5 | 4-4.5 | 10-10.5 |
| | Sample Date | | 4/14/00 | 4/14/00 | 3/31/00 | 3/31/00 | 3/31/00 | 3/30/00 | 3/30/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 1,1,1-trichloroethane | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 1,1,2,2-tetrachloroethane | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 1,1,2-trichloroethane | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 1,1-dichloroethane | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 1,1-dichloroethene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 1,1-dichloropropene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 1,2,3-trichlorobenzene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 1,2,3-trichloropropane | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 1,2,4-trichlorobenzene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 1,2,4-trimethylbenzene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 1,2-dibromo-3-chloropropane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.012 U | 0.011 U | 0.016 U | 0.013 U |
| 1,2-dibromoethane | SW8260B | MG/KG | | | | | | | |
| 1,2-dichlorobenzene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 1,2-dichloroethane | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 1,2-dichloropropane | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 1,3,5-trimethylbenzene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 1,3-dichlorobenzene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 1,3-dichloropropane | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 1,4-dichlorobenzene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 2,2-dichloropropane | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 2-butanone | SW8260B | MG/KG | 0.024 U | 0.022 U | 0.012 J | 0.024 U | 0.023 U | 0.027 J | 0.027 U |
| 2-chloroethyl vinyl ether | SW8260B | MG/KG | 0.024 UJ | 0.022 UJ | 0.023 UJ | 0.024 UJ | 0.023 UJ | 0.032 UJ | 0.027 UJ |
| 2-chlorotoluene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 2-hexanone | SW8260B | MG/KG | 0.024 U | 0.022 U | 0.023 U | 0.024 U | 0.023 U | 0.032 U | 0.027 U |
| 4-chlorotoluene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| 4-methyl-2-pentanone | SW8260B | MG/KG | 0.024 U | 0.022 U | 0.023 U | 0.024 U | 0.023 U | 0.032 U | 0.027 U |
| acetone | SW8260B | MG/KG | 0.034 UJ | 0.022 U | 0.073 UJ | 0.016 UJ | 0.018 UJ | 0.14 UJ | 0.041 UJ |
| benzene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-5/10 | AR-5/15 | AR-6/4 | AR-6/10 | AR-6/15 | AR-7/4 | AR-7/10 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 15-15.5 | 4-4.5 | 10-10.5 | 15-15.5 | 4-4.5 | 10-10.5 |
| | Sample Date | | 4/14/00 | 4/14/00 | 3/31/00 | 3/31/00 | 3/31/00 | 3/30/00 | 3/30/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | | |
| bromobenzene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| bromochloromethane | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| bromodichloromethane | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| bromoform | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| bromomethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.012 U | 0.011 U | 0.016 U | 0.013 U |
| carbon disulfide | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 UJ | 0.0067 U |
| carbon tetrachloride | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| chlorobenzene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| chloroethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.012 U | 0.011 U | 0.016 U | 0.013 U |
| chloroform | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| chloromethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.012 U | 0.011 U | 0.016 U | 0.013 U |
| cis-1,2-dichloroethene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| cis-1,3-dichloropropene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| dibromochloromethane | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| dibromomethane | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| dichlorodifluoromethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.012 U | 0.011 U | 0.016 U | 0.013 U |
| ethylbenzene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| ethylene dibromide | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| Freon 113 | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.012 U | 0.011 U | 0.016 UJ | 0.013 U |
| hexachlorobutadiene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| isopropylbenzene (cumene) | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| methylene chloride | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0047 UJ | 0.008 U | 0.0067 U |
| n-butylbenzene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| n-propylbenzene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| naphthalene | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.012 U | 0.011 U | 0.016 U | 0.013 U |
| p-cymene (p-isopropyltoluene) | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| sec-butylbenzene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| styrene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| t-butylbenzene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-5/10 | AR-5/15 | AR-6/4 | AR-6/10 | AR-6/15 | AR-7/4 | AR-7/10 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 15-15.5 | 4-4.5 | 10-10.5 | 15-15.5 | 4-4.5 | 10-10.5 |
| | Sample Date | | 4/14/00 | 4/14/00 | 3/31/00 | 3/31/00 | 3/31/00 | 3/30/00 | 3/30/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | | |
| tert-butyl methyl ether | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.012 U | 0.011 U | 0.016 U | 0.013 U |
| tetrachloroethene (PCE) | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| toluene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| trans-1,2-dichloroethene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| trans-1,3-dichloropropene | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| trichloroethene (TCE) | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| trichlorofluoromethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.012 U | 0.011 U | 0.016 U | 0.013 U |
| vinyl acetate | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.012 U | 0.011 U | 0.016 UJ | 0.013 U |
| vinyl chloride | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |
| xylene (m,p) | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.012 U | 0.011 U | 0.016 U | 0.013 U |
| xylene (o) | SW8260B | MG/KG | 0.006 U | 0.0055 U | 0.0058 U | 0.006 U | 0.0057 U | 0.008 U | 0.0067 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-7/15 | AR-7/20 | AR-8/4 | AR-8/4.5 | AR-8/10 | AR-9/4 | AR-9/10 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 15-15.5 | 20-20.5 | 4-4.5 | 4.5-5 | 10-10.5 | 4-4.5 | 10-10.5 |
| | Sample Date | | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 | 3/31/00 | 3/31/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | FR | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 1,1,1-trichloroethane | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 1,1,2,2-tetrachloroethane | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 1,1,2-trichloroethane | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 1,1-dichloroethane | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 1,1-dichloroethene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 1,1-dichloropropene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 1,2,3-trichlorobenzene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 1,2,3-trichloropropane | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 1,2,4-trichlorobenzene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 1,2,4-trimethylbenzene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 1,2-dibromo-3-chloropropane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.013 U | 0.012 U | 0.012 U | 0.012 U |
| 1,2-dibromoethane | SW8260B | MG/KG | | | | | | | |
| 1,2-dichlorobenzene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 1,2-dichloroethane | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 1,2-dichloropropane | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 1,3,5-trimethylbenzene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 1,3-dichlorobenzene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 1,3-dichloropropane | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 1,4-dichlorobenzene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 2,2-dichloropropane | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 2-butanone | SW8260B | MG/KG | 0.024 U | 0.023 U | 0.0092 J | 0.0081 J | 0.024 U | 0.023 U | 0.0067 J |
| 2-chloroethyl vinyl ether | SW8260B | MG/KG | 0.024 UJ | 0.023 UJ | 0.023 UJ | 0.026 UJ | 0.024 UJ | 0.023 UJ | 0.025 UJ |
| 2-chlorotoluene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 2-hexanone | SW8260B | MG/KG | 0.024 U | 0.023 U | 0.023 U | 0.026 U | 0.024 U | 0.023 U | 0.025 U |
| 4-chlorotoluene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| 4-methyl-2-pentanone | SW8260B | MG/KG | 0.024 U | 0.023 U | 0.023 U | 0.026 U | 0.024 U | 0.023 U | 0.025 U |
| acetone | SW8260B | MG/KG | 0.024 U | 0.017 UJ | 0.074 UJ | 0.047 UJ | 0.014 UJ | 0.019 UJ | 0.044 UJ |
| benzene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-7/15 | AR-7/20 | AR-8/4 | AR-8/4.5 | AR-8/10 | AR-9/4 | AR-9/10 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 15-15.5 | 20-20.5 | 4-4.5 | 4.5-5 | 10-10.5 | 4-4.5 | 10-10.5 |
| | Sample Date | | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 | 3/31/00 | 3/31/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | FR | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | | |
| bromobenzene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| bromochloromethane | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| bromodichloromethane | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| bromoform | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| bromomethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.013 U | 0.012 U | 0.012 U | 0.012 U |
| carbon disulfide | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| carbon tetrachloride | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| chlorobenzene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| chloroethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.013 U | 0.012 U | 0.012 U | 0.012 U |
| chloroform | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| chloromethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.013 U | 0.012 U | 0.012 U | 0.012 U |
| cis-1,2-dichloroethene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| cis-1,3-dichloropropene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| dibromochloromethane | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| dibromomethane | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| dichlorodifluoromethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.013 U | 0.012 U | 0.012 U | 0.012 U |
| ethylbenzene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| ethylene dibromide | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| Freon 113 | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.013 U | 0.012 U | 0.012 U | 0.012 U |
| hexachlorobutadiene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| isopropylbenzene (cumene) | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| methylene chloride | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| n-butylbenzene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| n-propylbenzene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| naphthalene | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.013 U | 0.012 U | 0.012 U | 0.012 U |
| p-cymene (p-isopropyltoluene) | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0037 J | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| sec-butylbenzene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| styrene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| t-butylbenzene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-7/15 | AR-7/20 | AR-8/4 | AR-8/4.5 | AR-8/10 | AR-9/4 | AR-9/10 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 15-15.5 | 20-20.5 | 4-4.5 | 4.5-5 | 10-10.5 | 4-4.5 | 10-10.5 |
| | Sample Date | | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 | 3/31/00 | 3/31/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | FR | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | | |
| tert-butyl methyl ether | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.013 U | 0.012 U | 0.012 U | 0.012 U |
| tetrachloroethene (PCE) | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| toluene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| trans-1,2-dichloroethene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| trans-1,3-dichloropropene | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| trichloroethene (TCE) | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| trichlorofluoromethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.013 U | 0.012 U | 0.012 U | 0.012 U |
| vinyl acetate | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.013 U | 0.012 U | 0.012 U | 0.012 U |
| vinyl chloride | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |
| xylene (m,p) | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.012 U | 0.013 U | 0.012 U | 0.012 U | 0.012 U |
| xylene (o) | SW8260B | MG/KG | 0.006 U | 0.0057 U | 0.0058 U | 0.0065 U | 0.006 U | 0.0059 U | 0.0062 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-9/10.5 | AR-9/15 | AR-10/4 | AR-10/10 | AR-10/15 | AR-10/17 | AR-11/4 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10.5-11 | 15-15.5 | 4-4.5 | 10-10.5 | 15-15.5 | 17-17.5 | 4-4.5 |
| | Sample Date | | 3/31/00 | 3/31/00 | 3/31/00 | 3/31/00 | 3/31/00 | 3/31/00 | 4/14/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | FR | N | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 1,1,1-trichloroethane | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 1,1,2,2-tetrachloroethane | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 1,1,2-trichloroethane | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 1,1-dichloroethane | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 1,1-dichloroethene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 1,1-dichloropropene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 1,2,3-trichlorobenzene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 1,2,3-trichloropropane | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 1,2,4-trichlorobenzene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 1,2,4-trimethylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 1,2-dibromo-3-chloropropane | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.012 U |
| 1,2-dibromoethane | SW8260B | MG/KG | | | | | | | |
| 1,2-dichlorobenzene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 1,2-dichloroethane | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 1,2-dichloropropane | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 1,3,5-trimethylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 1,3-dichlorobenzene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 1,3-dichloropropane | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 1,4-dichlorobenzene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 2,2-dichloropropane | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 2-butanone | SW8260B | MG/KG | 0.025 U | 0.0062 J | 0.0096 J | 0.024 U | 0.024 U | 0.023 U | 0.023 U |
| 2-chloroethyl vinyl ether | SW8260B | MG/KG | 0.025 UJ | 0.024 UJ | 0.024 UJ | 0.024 UJ | 0.024 UJ | 0.023 UJ | 0.023 UJ |
| 2-chlorotoluene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 2-hexanone | SW8260B | MG/KG | 0.025 U | 0.024 U | 0.024 U | 0.024 U | 0.024 U | 0.023 U | 0.023 UJ |
| 4-chlorotoluene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| 4-methyl-2-pentanone | SW8260B | MG/KG | 0.025 U | 0.024 U | 0.024 U | 0.024 U | 0.024 U | 0.023 U | 0.023 U |
| acetone | SW8260B | MG/KG | 0.025 UJ | 0.031 UJ | 0.047 UJ | 0.016 UJ | 0.025 UJ | 0.009 UJ | 0.019 UJ |
| benzene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-9/10.5 | AR-9/15 | AR-10/4 | AR-10/10 | AR-10/15 | AR-10/17 | AR-11/4 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10.5-11 | 15-15.5 | 4-4.5 | 10-10.5 | 15-15.5 | 17-17.5 | 4-4.5 |
| | Sample Date | | 3/31/00 | 3/31/00 | 3/31/00 | 3/31/00 | 3/31/00 | 3/31/00 | 4/14/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | FR | N | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | | |
| bromobenzene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| bromochloromethane | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| bromodichloromethane | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| bromoform | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| bromomethane | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.012 U |
| carbon disulfide | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| carbon tetrachloride | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| chlorobenzene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| chloroethane | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.012 U |
| chloroform | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| chloromethane | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.012 U |
| cis-1,2-dichloroethene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| cis-1,3-dichloropropene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| dibromochloromethane | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| dibromomethane | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| dichlorodifluoromethane | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.012 U |
| ethylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| ethylene dibromide | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| Freon 113 | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.012 U |
| hexachlorobutadiene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| isopropylbenzene (cumene) | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| methylene chloride | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| n-butylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| n-propylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| naphthalene | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.012 U |
| p-cymene (p-isopropyltoluene) | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| sec-butylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| styrene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| t-butylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-9/10.5 | AR-9/15 | AR-10/4 | AR-10/10 | AR-10/15 | AR-10/17 | AR-11/4 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10.5-11 | 15-15.5 | 4-4.5 | 10-10.5 | 15-15.5 | 17-17.5 | 4-4.5 |
| | Sample Date | | 3/31/00 | 3/31/00 | 3/31/00 | 3/31/00 | 3/31/00 | 3/31/00 | 4/14/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | FR | N | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | | |
| tert-butyl methyl ether | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.012 U |
| tetrachloroethene (PCE) | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| toluene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| trans-1,2-dichloroethene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| trans-1,3-dichloropropene | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| trichloroethene (TCE) | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| trichlorofluoromethane | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.012 U |
| vinyl acetate | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.012 U |
| vinyl chloride | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |
| xylene (m,p) | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.012 U |
| xylene (o) | SW8260B | MG/KG | 0.0062 U | 0.0061 U | 0.0059 U | 0.0061 U | 0.006 U | 0.0057 U | 0.0059 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-11/10 | AR-11/15 | AR-11/17 | AR-12/4 | AR-12/4.5 | AR-12/10 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 15-15.5 | 17-17.5 | 4-4.5 | 4.5-5 | 10-10.5 |
| | Sample Date | | 4/14/00 | 4/14/00 | 4/14/00 | 3/30/00 | 3/30/00 | 3/30/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | FR | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 1,1,1-trichloroethane | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 1,1,2,2-tetrachloroethane | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 1,1,2-trichloroethane | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 1,1-dichloroethane | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 1,1-dichloroethene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 1,1-dichloropropene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 1,2,3-trichlorobenzene | SW8260B | MG/KG | 0.0061 UJ | 0.0057 U | 0.0012 J | 0.0057 U | 0.0058 U | 0.0055 U |
| 1,2,3-trichloropropane | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 1,2,4-trichlorobenzene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 1,2,4-trimethylbenzene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 1,2-dibromo-3-chloropropane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.011 U | 0.011 U | 0.012 U | 0.011 U |
| 1,2-dibromoethane | SW8260B | MG/KG | | | | | | |
| 1,2-dichlorobenzene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 1,2-dichloroethane | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 1,2-dichloropropane | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 1,3,5-trimethylbenzene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 1,3-dichlorobenzene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 1,3-dichloropropane | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 1,4-dichlorobenzene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 2,2-dichloropropane | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 2-butanone | SW8260B | MG/KG | 0.024 UJ | 0.023 U | 0.023 U | 0.0099 J | 0.0089 J | 0.022 U |
| 2-chloroethyl vinyl ether | SW8260B | MG/KG | 0.024 UJ | 0.023 UJ | 0.023 UJ | 0.023 UJ | 0.023 UJ | 0.022 UJ |
| 2-chlorotoluene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 2-hexanone | SW8260B | MG/KG | 0.024 UJ | 0.023 UJ | 0.023 U | 0.023 U | 0.023 U | 0.022 U |
| 4-chlorotoluene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| 4-methyl-2-pentanone | SW8260B | MG/KG | 0.024 U | 0.023 U | 0.023 U | 0.023 U | 0.023 U | 0.022 U |
| acetone | SW8260B | MG/KG | 0.022 UJ | 0.016 UJ | 0.012 UJ | 0.058 UJ | 0.055 UJ | 0.013 UJ |
| benzene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-11/10 | AR-11/15 | AR-11/17 | AR-12/4 | AR-12/4.5 | AR-12/10 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 15-15.5 | 17-17.5 | 4-4.5 | 4.5-5 | 10-10.5 |
| | Sample Date | | 4/14/00 | 4/14/00 | 4/14/00 | 3/30/00 | 3/30/00 | 3/30/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | FR | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| bromobenzene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| bromochloromethane | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| bromodichloromethane | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| bromoform | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| bromomethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.011 U | 0.011 U | 0.012 U | 0.011 U |
| carbon disulfide | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| carbon tetrachloride | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| chlorobenzene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| chloroethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.011 U | 0.011 U | 0.012 U | 0.011 U |
| chloroform | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| chloromethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.011 U | 0.011 U | 0.012 U | 0.011 U |
| cis-1,2-dichloroethene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| cis-1,3-dichloropropene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| dibromochloromethane | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| dibromomethane | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| dichlorodifluoromethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.011 U | 0.011 U | 0.012 U | 0.011 U |
| ethylbenzene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| ethylene dibromide | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| Freon 113 | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.011 U | 0.011 U | 0.012 U | 0.011 U |
| hexachlorobutadiene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| isopropylbenzene (cumene) | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| methylene chloride | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| n-butylbenzene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| n-propylbenzene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| naphthalene | SW8260B | MG/KG | 0.012 UJ | 0.011 U | 0.011 U | 0.011 U | 0.012 U | 0.011 U |
| p-cymene (p-isopropyltoluene) | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| sec-butylbenzene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| styrene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| t-butylbenzene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-11/10 | AR-11/15 | AR-11/17 | AR-12/4 | AR-12/4.5 | AR-12/10 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 15-15.5 | 17-17.5 | 4-4.5 | 4.5-5 | 10-10.5 |
| | Sample Date | | 4/14/00 | 4/14/00 | 4/14/00 | 3/30/00 | 3/30/00 | 3/30/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | FR | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| tert-butyl methyl ether | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.011 U | 0.011 U | 0.012 U | 0.011 U |
| tetrachloroethene (PCE) | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| toluene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| trans-1,2-dichloroethene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| trans-1,3-dichloropropene | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| trichloroethene (TCE) | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| trichlorofluoromethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.011 U | 0.011 U | 0.012 U | 0.011 U |
| vinyl acetate | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.011 U | 0.011 U | 0.012 U | 0.011 U |
| vinyl chloride | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |
| xylene (m,p) | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.011 U | 0.011 U | 0.012 U | 0.011 U |
| xylene (o) | SW8260B | MG/KG | 0.0061 U | 0.0057 U | 0.0056 U | 0.0057 U | 0.0058 U | 0.0055 U |

**Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil**
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| | | | |
|---|---|---|---|
| | **Location ID** | | **AR-7/1** |
| | **Sample Depth** | | **1-1.5** |
| | **Sample Date** | | **3/30/00** |
| | **Lab** | | **Quanterra** |
| | **Sample Type** | | **FR** |
| | **Event** | | **GAPS2** |
| **Analyte** | **Method** | **Units** | |
| 1,2,3,4,6,7,8-HpCDD | SW8290 | PG/G | 0.3 U |
| 1,2,3,4,6,7,8-HpCDF | SW8290 | PG/G | 0.19 U |
| 1,2,3,4,7,8,9-HpCDF | SW8290 | PG/G | 0.078 U |
| 1,2,3,4,7,8-HxCDD | SW8290 | PG/G | 0.11 U |
| 1,2,3,4,7,8-HxCDF | SW8290 | PG/G | 0.078 U |
| 1,2,3,6,7,8-HxCDD | SW8290 | PG/G | 0.1 U |
| 1,2,3,6,7,8-HxCDF | SW8290 | PG/G | 0.068 U |
| 1,2,3,7,8,9-HxCDD | SW8290 | PG/G | 0.1 U |
| 1,2,3,7,8,9-HxCDF | SW8290 | PG/G | 0.083 U |
| 1,2,3,7,8-PeCDD | SW8290 | PG/G | 0.21 U |
| 1,2,3,7,8-PeCDF | SW8290 | PG/G | 0.083 U |
| 2,3,4,6,7,8-HxCDF | SW8290 | PG/G | 0.074 U |
| 2,3,4,7,8-PeCDF | SW8290 | PG/G | 0.079 U |
| 2,3,7,8-TCDD | SW8290 | PG/G | 0.062 U |
| 2,3,7,8-TCDF | SW8290 | PG/G | 1 U |
| OCDD | SW8290 | PG/G | 2 U |
| OCDF | SW8290 | PG/G | 0.29 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-1/0.5 | AR-1/1 | AR-1/4 | AR-1/8 | AR-2/0.5 | AR-2/4 | AR-2/4.5 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 1-1.5 | 4-4.5 | 8-8.5 | 0.5-1 | 4-4.5 | 4.5-5 |
| | Sample Date | | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | FR | N | N | N | N | FR |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | |
| acenaphthene | SW8310 | MG/KG | 0.48 U | 0.46 U | 0.46 UJ | 0.46 U | 0.48 U | 0.5 U | 0.5 U |
| acenapthylene | SW8310 | MG/KG | 0.48 U | 0.46 U | 0.46 UJ | 0.46 U | 0.48 UJ | 0.5 U | 0.5 UJ |
| anthracene | SW8310 | MG/KG | 0.17 U | 0.16 U | 0.16 UJ | 0.16 U | 0.17 U | 0.18 U | 0.18 U |
| benzo(a)anthracene | SW8310 | MG/KG | 0.024 U | 0.023 U | 0.023 UJ | 0.023 U | 0.024 U | 0.025 U | 0.025 U |
| benzo(a)pyrene | SW8310 | MG/KG | 0.024 U | 0.023 U | 0.023 UJ | 0.023 U | 0.024 U | 0.025 U | 0.025 U |
| benzo(b)fluoranthene | SW8310 | MG/KG | 0.036 U | 0.035 U | 0.034 UJ | 0.034 U | 0.036 U | 0.038 U | 0.038 U |
| benzo(g,h,i)perylene | SW8310 | MG/KG | 0.024 U | 0.023 U | 0.023 UJ | 0.023 U | 0.024 U | 0.025 U | 0.025 U |
| benzo(k)fluoranthene | SW8310 | MG/KG | 0.024 U | 0.023 U | 0.023 UJ | 0.023 U | 0.024 U | 0.025 U | 0.025 U |
| chrysene | SW8310 | MG/KG | 0.048 U | 0.046 U | 0.046 UJ | 0.046 U | 0.048 U | 0.05 U | 0.05 U |
| dibenz(a,h)anthracene | SW8310 | MG/KG | 0.048 U | 0.046 U | 0.046 UJ | 0.046 U | 0.048 U | 0.05 U | 0.05 U |
| fluoranthene | SW8310 | MG/KG | 0.06 U | 0.058 U | 0.057 UJ | 0.057 U | 0.06 U | 0.063 U | 0.063 U |
| fluorene | SW8310 | MG/KG | 0.048 U | 0.046 U | 0.046 UJ | 0.046 U | 0.048 U | 0.05 U | 0.05 U |
| indeno(1,2,3-c,d)pyrene | SW8310 | MG/KG | 0.048 U | 0.046 U | 0.046 UJ | 0.046 U | 0.048 U | 0.05 U | 0.05 U |
| naphthalene | SW8310 | MG/KG | 0.48 U | 0.46 U | 0.46 UJ | 0.46 | 0.48 UJ | 0.5 U | 0.5 UJ |
| phenanthrene | SW8310 | MG/KG | 0.14 U | 0.14 U | 0.14 UJ | 0.14 U | 0.14 U | 0.15 U | 0.15 U |
| pyrene | SW8310 | MG/KG | 0.072 U | 0.069 U | 0.069 UJ | 0.069 U | 0.072 U | 0.075 U | 0.075 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-2/10 | AR-3/0.5 | AR-3/4 | AR-3/10 | AR-3/13 | AR-3/17.5 | AR-4/0.5 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 0.5-1 | 4-4.5 | 10-10.5 | 13-13.5 | 17.5-18 | 0.5-1 |
| | Sample Date | | 12/11/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | |
| acenaphthene | SW8310 | MG/KG | 0.45 U | 0.46 U | 0.47 U | 0.49 U | 0.46 U | 0.44 U | 0.48 U |
| acenapthylene | SW8310 | MG/KG | 0.45 U | 0.46 UJ | 0.47 U | 0.49 U | 0.46 U | 0.44 U | 0.48 UJ |
| anthracene | SW8310 | MG/KG | 0.16 U | 0.16 U | 0.16 U | 0.17 U | 0.16 U | 0.15 U | 0.17 U |
| benzo(a)anthracene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.023 U | 0.024 U | 0.023 U | 0.022 U | 0.024 U |
| benzo(a)pyrene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.023 U | 0.024 U | 0.023 U | 0.022 U | 0.024 U |
| benzo(b)fluoranthene | SW8310 | MG/KG | 0.034 U | 0.035 U | 0.035 U | 0.037 U | 0.035 U | 0.033 U | 0.036 U |
| benzo(g,h,i)perylene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.023 U | 0.024 U | 0.023 U | 0.022 U | 0.024 U |
| benzo(k)fluoranthene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.023 U | 0.024 U | 0.023 U | 0.022 U | 0.024 U |
| chrysene | SW8310 | MG/KG | 0.045 U | 0.046 U | 0.047 U | 0.049 U | 0.046 U | 0.044 U | 0.048 U |
| dibenz(a,h)anthracene | SW8310 | MG/KG | 0.045 U | 0.046 U | 0.047 U | 0.049 U | 0.046 U | 0.044 U | 0.048 U |
| fluoranthene | SW8310 | MG/KG | 0.056 U | 0.058 U | 0.058 U | 0.061 U | 0.058 U | 0.055 U | 0.06 U |
| fluorene | SW8310 | MG/KG | 0.045 U | 0.046 U | 0.047 U | 0.049 U | 0.046 U | 0.044 U | 0.048 U |
| indeno(1,2,3-c,d)pyrene | SW8310 | MG/KG | 0.045 U | 0.046 UJ | 0.047 U | 0.049 U | 0.046 U | 0.044 U | 0.048 U |
| naphthalene | SW8310 | MG/KG | 0.45 U | 0.46 UJ | 0.47 U | 0.49 U | 0.46 U | 0.44 U | 0.48 UJ |
| phenanthrene | SW8310 | MG/KG | 0.13 U | 0.14 U | 0.14 U | 0.15 U | 0.14 U | 0.13 U | 0.14 U |
| pyrene | SW8310 | MG/KG | 0.067 U | 0.069 U | 0.07 U | 0.073 U | 0.069 U | 0.066 U | 0.072 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-4/4 | AR-4/10 | AR-4/15 | AR-4/20 | AR-4/25 | AR-4/30 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 4-4.5 | 10-10.5 | 15-15.5 | 20-20.5 | 25-25.5 | 30-30.5 |
| | Sample Date | | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| acenaphthene | SW8310 | MG/KG | 0.45 U | 0.45 U | 0.46 U | 0.44 U | 0.44 U | 0.43 U |
| acenapthylene | SW8310 | MG/KG | 0.45 UJ | 0.45 UJ | 0.46 UJ | 0.44 UJ | 0.44 UJ | 0.43 UJ |
| anthracene | SW8310 | MG/KG | 0.16 U | 0.16 U | 0.16 U | 0.15 U | 0.15 U | 0.15 U |
| benzo(a)anthracene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.021 U |
| benzo(a)pyrene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.021 U |
| benzo(b)fluoranthene | SW8310 | MG/KG | 0.033 U | 0.034 U | 0.034 U | 0.033 U | 0.033 U | 0.032 U |
| benzo(g,h,i)perylene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.023 U | 0.022 UJ | 0.022 U | 0.021 U |
| benzo(k)fluoranthene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.021 U |
| chrysene | SW8310 | MG/KG | 0.045 U | 0.045 U | 0.046 U | 0.044 U | 0.044 U | 0.043 U |
| dibenz(a,h)anthracene | SW8310 | MG/KG | 0.045 U | 0.045 U | 0.046 U | 0.044 U | 0.044 U | 0.043 U |
| fluoranthene | SW8310 | MG/KG | 0.056 U | 0.056 U | 0.057 U | 0.055 U | 0.055 U | 0.054 U |
| fluorene | SW8310 | MG/KG | 0.045 U | 0.045 U | 0.046 U | 0.044 UJ | 0.044 U | 0.043 U |
| indeno(1,2,3-c,d)pyrene | SW8310 | MG/KG | 0.045 U | 0.045 U | 0.046 U | 0.044 UJ | 0.044 U | 0.043 U |
| naphthalene | SW8310 | MG/KG | 0.45 UJ | 0.45 UJ | 0.46 UJ | 0.44 UJ | 0.44 UJ | 0.43 UJ |
| phenanthrene | SW8310 | MG/KG | 0.13 U | 0.14 U | 0.14 U | 0.13 U | 0.13 U | 0.13 U |
| pyrene | SW8310 | MG/KG | 0.067 U | 0.068 U | 0.068 U | 0.066 U | 0.066 U | 0.064 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-1/0.5 | AR-1/1 | AR-1/4 | AR-1/8 | AR-2/0.5 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 1-1.5 | 4-4.5 | 8-8.5 | 0.5-1 |
| | Sample Date | | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | FR | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.5 U | 0.48 U | 0.48 U | 0.48 U | 0.5 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.5 U | 0.48 U | 0.48 U | 0.48 U | 0.5 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.5 U | 0.48 U | 0.48 U | 0.48 U | 0.5 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.5 U | 0.48 U | 0.48 U | 0.48 U | 0.5 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.5 U | 0.48 U | 0.48 U | 0.48 U | 0.5 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.5 U | 0.48 U | 0.48 U | 0.48 U | 0.5 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.5 U | 0.48 U | 0.48 U | 0.48 U | 0.5 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.5 U | 0.48 U | 0.48 U | 0.48 U | 0.5 U |
| amino-dnts | SW8330 | MG/KG | 1 U | 0.96 U | 0.97 U | 0.96 U | 1 U |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.5 U | 0.48 U | 0.48 U | 0.48 U | 0.5 U |
| nitrobenzene | SW8330 | MG/KG | 0.5 U | 0.48 U | 0.48 U | 0.48 U | 0.5 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.5 U | 0.48 U | 0.48 U | 0.48 U | 0.5 U |
| tetryl | SW8330 | MG/KG | 0.5 U | 0.48 U | 0.48 U | 0.48 U | 0.5 U |
| nitroglycerin | SW8330M | MG/KG | 0.63 U | 0.6 U | 0.61 U | 0.6 U | 0.63 U |
| pentaerythritol tetranitrate | SW8330M | MG/KG | 0.63 U | 0.6 U | 0.61 U | 0.6 U | 0.63 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-2/4 | AR-2/4.5 | AR-2/10 | AR-3/0.5 | AR-3/4 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 4-4.5 | 4.5-5 | 10-10.5 | 0.5-1 | 4-4.5 |
| | Sample Date | | 12/11/99 | 12/11/99 | 12/11/99 | 12/10/99 | 12/10/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | FR | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.53 U | 0.53 U | 0.47 U | 0.48 U | 0.49 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.53 U | 0.53 U | 0.47 U | 0.48 U | 0.49 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.53 U | 0.53 U | 0.47 U | 0.48 U | 0.49 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.53 U | 0.53 U | 0.47 U | 0.48 U | 0.49 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.53 U | 0.53 U | 0.47 U | 0.48 U | 0.49 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.53 U | 0.53 U | 0.47 U | 0.48 U | 0.49 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.53 U | 0.53 U | 0.47 U | 0.48 U | 0.49 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.53 U | 0.53 U | 0.47 U | 0.48 U | 0.49 U |
| amino-dnts | SW8330 | MG/KG | 1.1 U | 1.1 U | 0.95 U | 0.97 U | 0.98 U |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.53 U | 0.53 U | 0.47 U | 0.48 U | 0.49 U |
| nitrobenzene | SW8330 | MG/KG | 0.53 U | 0.53 U | 0.47 U | 0.48 U | 0.49 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.53 U | 0.53 U | 0.47 U | 0.48 U | 0.49 U |
| tetryl | SW8330 | MG/KG | 0.53 U | 0.53 U | 0.47 U | 0.48 U | 0.49 U |
| nitroglycerin | SW8330M | MG/KG | 0.66 U | 0.66 U | 0.59 U | 0.6 U | 0.61 U |
| pentaerythritol tetranitrate | SW8330M | MG/KG | 0.66 U | 0.66 U | 0.59 U | 0.6 U | 0.61 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-3/10 | AR-3/13 | AR-3/17.5 | AR-4/0.5 | AR-4/4 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 13-13.5 | 17.5-18 | 0.5-1 | 4-4.5 |
| | Sample Date | | 12/10/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.51 U | 0.48 U | 0.46 U | 0.5 U | 0.47 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.51 U | 0.48 U | 0.46 U | 0.5 U | 0.47 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.51 U | 0.48 U | 0.46 U | 0.5 U | 0.47 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.51 U | 0.48 U | 0.46 U | 0.5 U | 0.47 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.51 U | 0.48 U | 0.46 U | 0.5 U | 0.47 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.51 U | 0.48 U | 0.46 U | 0.5 U | 0.47 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.51 U | 0.48 U | 0.46 U | 0.5 U | 0.47 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.51 U | 0.48 U | 0.46 U | 0.5 U | 0.47 U |
| amino-dnts | SW8330 | MG/KG | 1 U | 0.97 U | 0.92 U | 1 U | 0.94 U |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.51 U | 0.48 U | 0.46 U | 0.5 U | 0.47 U |
| nitrobenzene | SW8330 | MG/KG | 0.51 U | 0.48 U | 0.46 U | 0.5 U | 0.47 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.51 U | 0.48 U | 0.46 U | 0.5 U | 0.47 U |
| tetryl | SW8330 | MG/KG | 0.51 U | 0.48 U | 0.46 U | 0.5 U | 0.47 U |
| nitroglycerin | SW8330M | MG/KG | 0.62 U | 0.6 U | 0.57 U | 0.63 U | 0.59 U |
| pentaerythritol tetranitrate | SW8330M | MG/KG | 0.62 U | 0.6 U | 0.57 U | 0.63 U | 0.59 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-4/10 | AR-4/15 | AR-4/20 | AR-4/25 | AR-4/30 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 15-15.5 | 20-20.5 | 25-25.5 | 30-30.5 |
| | Sample Date | | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.47 U | 0.48 U | 0.46 U | 0.46 U | 0.45 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.47 U | 0.48 U | 0.46 U | 0.46 U | 0.45 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.47 U | 0.48 U | 0.46 U | 0.46 U | 0.45 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.47 U | 0.48 U | 0.46 U | 0.46 U | 0.45 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.47 U | 0.48 U | 0.46 U | 0.46 U | 0.45 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.47 U | 0.48 U | 0.46 U | 0.46 U | 0.45 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.47 U | 0.48 U | 0.46 U | 0.46 U | 0.45 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.47 U | 0.48 U | 0.46 U | 0.46 U | 0.45 U |
| amino-dnts | SW8330 | MG/KG | 0.95 U | 0.95 U | 0.92 U | 0.92 U | 0.9 U |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.47 U | 0.48 U | 0.46 U | 0.46 U | 0.45 U |
| nitrobenzene | SW8330 | MG/KG | 0.47 U | 0.48 U | 0.46 U | 0.46 U | 0.45 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.47 U | 0.48 U | 0.46 U | 0.46 U | 0.45 U |
| tetryl | SW8330 | MG/KG | 0.47 U | 0.48 U | 0.46 U | 0.46 U | 0.45 U |
| nitroglycerin | SW8330M | MG/KG | 0.59 U | 0.6 U | 0.58 U | 0.58 U | 0.56 U |
| pentaerythritol tetranitrate | SW8330M | MG/KG | 0.59 U | 0.6 U | 0.58 U | 0.58 U | 0.56 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-1/0.5 | AR-1/1 | AR-1/4 | AR-1/4.5 | AR-1/8 | AR-1A/0.5 | AR-1A/1.0 | AR-2/0.5 |
|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 1-1.5 | 4-4.5 | 4.5-5 | 8-8.5 | 0.5-1 | 1-1.5 | 0.5-1 |
| | Sample Date | | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Onsite | Onsite | Onsite | Quanterra | Onsite | Quanterra | Quanterra | Onsite |
| | Sample Type | | N | FR | N | N | N | N | FR | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | | | 0.04 U | | 0.16 J | 0.26 J | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | | | 0.23 J | | 2.5 | 0.8 | |
| kerosene | M8015B | MG/KG | 2.4 U | 1.1 U | 1.1 U | | 1.1 U | | | 1.2 U |
| motor oils | M8015B | MG/KG | 67 | 24 | 11 U | | 18 | | | 23 |
| tph as diesel (c10-c28) | M8015B | MG/KG | 3.2 | 1.1 J | 1.1 U | | 1.4 | | | 2 |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-2/4 | AR-2/4.5 | AR-2/5 | AR-2/5.5 | AR-2/10 | AR-2/10.5 | AR-2A/0.5 | AR-3/0.5 |
|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 4-4.5 | 4.5-5 | 5-5.5 | 5.5-6 | 10-10.5 | 10.5-11 | 0.5-1 | 0.5-1 |
| | Sample Date | | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/10/99 |
| | Lab | | Onsite | Onsite | Quanterra | Quanterra | Onsite | Quanterra | Quanterra | Onsite |
| | Sample Type | | N | FR | N | FR | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | | 0.041 U | 0.27 J | | 0.039 U | 0.14 J | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | | 1.4 | 1.1 | | 0.028 U | 10.1 | |
| kerosene | M8015B | MG/KG | 1.3 U | 1.3 U | | | 1.1 U | | | 1.1 U |
| motor oils | M8015B | MG/KG | 66 | 8.5 J | | | 16 | | | 39 |
| tph as diesel (c10-c28) | M8015B | MG/KG | 4.9 | 1.3 U | | | 0.96 J | | | 1.1 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-3/4 | AR-3/4.5 | AR-3/10 | AR-3/10.5 | AR-3/13 | AR-3/13.5 | AR-3/17.5 | AR-3/18 |
|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 4-4.5 | 4.5-5 | 10-10.5 | 10.5-11 | 13-13.5 | 13.5-14 | 17.5-18 | 18-18.5 |
| | Sample Date | | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Onsite | Quanterra | Onsite | Quanterra | Onsite | Quanterra | Onsite | Quanterra |
| | Sample Type | | N | N | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | 0.041 U | | 0.043 U | | 0.04 U | | 0.04 U |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | 0.75 | | 0.5 | | 0.34 | | 0.028 U |
| kerosene | M8015B | MG/KG | 1.2 U | | 1.2 U | | 1.1 U | | 1.1 U | |
| motor oils | M8015B | MG/KG | 12 U | | 12 U | | 11 U | | 11 U | |
| tph as diesel (c10-c28) | M8015B | MG/KG | 1.2 U | | 1.2 U | | 1.1 U | | 630 | |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-3A/0.5 | AR-4/0.5 | AR-4/4 | AR-4/4.5 | AR-4/10 | AR-4/11 | AR-4/15 | AR-4/15.5 |
|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 0.5-1 | 4-4.5 | 4.5-5 | 10-10.5 | 11-11.5 | 15-15.5 | 15.5-16 |
| | Sample Date | | 12/10/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Quanterra | Onsite | Onsite | Quanterra | Onsite | Quanterra | Onsite | Quanterra |
| | Sample Type | | N | N | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | 0.04 U | | | 0.04 U | | 0.039 U | | 0.039 U |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | 0.85 | | | 0.25 J | | 0.31 | | 0.24 J |
| kerosene | M8015B | MG/KG | | 1.2 U | 1.1 U | | 1.1 U | | 1.1 U | |
| motor oils | M8015B | MG/KG | | 28 | 12 | | 82 | | 8.9 J | |
| tph as diesel (c10-c28) | M8015B | MG/KG | | 1.9 | 1.1 | | 8.5 | | 1.1 U | |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-4/20 | AR-4/20.5 | AR-4/25 | AR-4/25.5 | AR-4/30 | AR-4/30.5 | AR-4A/0.5 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 20-20.5 | 20.5-21 | 25-25.5 | 25.5-26 | 30-30.5 | 30.5-31 | 0.5-1 |
| | Sample Date | | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Onsite | Quanterra | Onsite | Quanterra | Onsite | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | 0.039 U | | 0.038 U | | 0.037 U | 0.048 U |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | 0.24 J | | 0.027 U | | 0.2 J | 2.4 |
| kerosene | M8015B | MG/KG | 1.1 U | | 1.1 U | | 1.1 U | | |
| motor oils | M8015B | MG/KG | 21 | | 71 | | 54 | | |
| tph as diesel (c10-c28) | M8015B | MG/KG | 5.7 | | 12 | | 13 | | |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-1R/0.5 | AR-2R/0.5 | AR-4R/0.5 | AR-5/0.5 | AR-5/1 | AR-5/4 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 0.5-1 | 0.5-1 | 0.5-1 | 1-1.5 | 4-4.5 |
| | Sample Date | | 4/21/00 | 4/21/00 | 4/21/00 | 4/14/00 | 4/14/00 | 4/14/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | FR | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| diesel fuel #2 | M8015B | MG/KG | 5.6 UJ | 1.1 UJ | 5.6 UJ | 1.1 U | 1.2 U | 1.2 U |
| kerosene | M8015B | MG/KG | 5.6 UJ | 1.1 UJ | 5.6 UJ | | | |
| motor oils | M8015B | MG/KG | 56 UJ | 11 UJ | 56 UJ | 11 U | 12 U | 12 U |
| unknown extract. hydrocarbon | M8015B | MG/KG | 75 J- | 7.3 J | 42 J | 40 | 1.2 U | 1.2 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-5/10 | AR-5/15 | AR-6/1 | AR-6/4 | AR-6/10 | AR-6/15 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 15-15.5 | 1-1.5 | 4-4.5 | 10-10.5 | 15-15.5 |
| | Sample Date | | 4/14/00 | 4/14/00 | 3/31/00 | 3/31/00 | 3/31/00 | 3/31/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| diesel fuel #2 | M8015B | MG/KG | 1.2 U | 1.1 U | 6 U | 5.8 U | 6 U | 5.7 U |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | 12 U | 11 U | 30 U | 29 U | 30 U | 28 U |
| unknown extract. hydrocarbon | M8015B | MG/KG | 1.2 U | 1.1 U | 6 U | 5.8 U | 6 U | 5.7 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-7/0.5 | AR-7/4 | AR-7/10 | AR-7/15 | AR-7/20 | AR-7R/0.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 4-4.5 | 10-10.5 | 15-15.5 | 20-20.5 | 0.5-1 |
| | Sample Date | | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 | 4/21/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| diesel fuel #2 | M8015B | MG/KG | 5.5 U | 5.9 U | 5.6 UJ | 6 U | 5.7 UJ | 58 UJ |
| kerosene | M8015B | MG/KG | | | | | | 58 UJ |
| motor oils | M8015B | MG/KG | 27 U | 29 U | 12 J | 30 U | 4.1 J | 580 UJ |
| unknown extract. hydrocarbon | M8015B | MG/KG | 270 | 29 U | 5.6 UJ | 6 U | 5.7 UJ | 310 J |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-8/0.5 | AR-8/4 | AR-8/4.5 | AR-8/10 | AR-8R/0.5 | AR-9/1 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 4-4.5 | 4.5-5 | 10-10.5 | 0.5-1 | 1-1.5 |
| | Sample Date | | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 | 4/21/00 | 3/31/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | FR | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| diesel fuel #2 | M8015B | MG/KG | 5.5 UJ | 5.8 U | 6.5 U | 6 U | 11 UJ | 5.5 U |
| kerosene | M8015B | MG/KG | | | | | 11 UJ | |
| motor oils | M8015B | MG/KG | 27 UJ | 29 U | 32 U | 30 U | 110 UJ | 27 U |
| unknown extract. hydrocarbon | M8015B | MG/KG | 250 J | 29 U | 6.5 U | 6 U | 140 J- | 5.5 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-9/4 | AR-9/10 | AR-9/10.5 | AR-9/15 | AR-9R/0.5 | AR-10/0.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 4-4.5 | 10-10.5 | 10.5-11 | 15-15.5 | 0.5-1 | 0.5-1 |
| | Sample Date | | 3/31/00 | 3/31/00 | 3/31/00 | 3/31/00 | 4/21/00 | 3/31/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | FR | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| diesel fuel #2 | M8015B | MG/KG | 5.9 U | 6.2 U | 6.2 U | 6.1 U | 1.1 UJ | 5.8 U |
| kerosene | M8015B | MG/KG | | | | | 1.1 UJ | |
| motor oils | M8015B | MG/KG | 29 U | 31 U | 31 U | 30 U | 11 UJ | 29 U |
| unknown extract. hydrocarbon | M8015B | MG/KG | 5.9 U | 6.2 U | 6.2 U | 6.1 U | 11 UJ | 50 |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-10/4 | AR-10/10 | AR-10/15 | AR-10/17 | AR-11/0.5 | AR-11/4 | AR-11/10 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 4-4.5 | 10-10.5 | 15-15.5 | 17-17.5 | 0.5-1 | 4-4.5 | 10-10.5 |
| | Sample Date | | 3/31/00 | 3/31/00 | 3/31/00 | 3/31/00 | 4/14/00 | 4/14/00 | 4/14/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | | |
| diesel fuel #2 | M8015B | MG/KG | 5.9 U | 6.1 U | 6 U | 5.7 U | 1.1 U | 1.2 U | 1.2 U |
| kerosene | M8015B | MG/KG | | | | | | | |
| motor oils | M8015B | MG/KG | 30 U | 30 U | 30 U | 29 U | 11 U | 12 U | 12 U |
| unknown extract. hydrocarbon | M8015B | MG/KG | 5.9 U | 6.1 U | 6 U | 5.7 U | 15 | 1.2 U | 1.2 U |

## Table 5-10. Analytical Results for Ammunition Renovation/Primer Destruction Site - Soil



| | Location ID | | AR-11/15 | AR-11/17 | AR-12/0.5 | AR-12/4 | AR-12/4.5 | AR-12/10 | AR-12R/0.5 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 15-15.5 | 17-17.5 | 0.5-1 | 4-4.5 | 4.5-5 | 10-10.5 | 0.5-1 |
| | Sample Date | | 4/14/00 | 4/14/00 | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 | 4/21/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | FR | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | | |
| diesel fuel #2 | M8015B | MG/KG | 1.1 U | 1.1 U | 6.2 UJ | 5.7 U | 5.8 U | 5.5 U | 11 UJ |
| kerosene | M8015B | MG/KG | 1.1 U | | | | | | 11 UJ |
| motor oils | M8015B | MG/KG | 11 U | 11 U | 31 UJ | 29 U | 29 U | 28 U | 110 UJ |
| unknown extract. hydrocarbon | M8015B | MG/KG | 1.1 U | 1.1 U | 180 J | 51 | 5.8 U | 5.5 U | 99 J |

## Table 5-11. Analytical Results for Stockpile #1 and #2 - Soil

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| | Location ID | | SP1-A1 | SP1-B1 | SP2-A1 | SP2-B1 | SP1-C | SP2-C |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 2-2.5 | 2-2.5 | 2-2.5 | 2-2.5 | 2-2.5 | 2-2.5 |
| | Sample Date | | 7/20/99 | 7/20/99 | 7/20/99 | 7/20/99 | 12/08/99 | 12/08/99 |
| | Lab | | CalTest | CalTest | CalTest | CalTest | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | INTERIM | INTERIM | INTERIM | INTERIM | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| aluminum | SW6010B | MG/KG | 19000 | 19000 | 18000 | 16000 | 26100 | 28100 |
| antimony | SW6010B | MG/KG | 0.75 J | 0.502 U | 0.57 J | 0.502 U | 1.2 J | 1.2 J |
| arsenic | SW6010B | MG/KG | 16 | 14 | 13 | 13 | 16 J- | 13 J- |
| barium | SW6010B | MG/KG | 210 J- | 180 J- | 230 J- | 220 J- | 347 | 369 |
| beryllium | SW6010B | MG/KG | 0.33 | 0.33 | 0.45 | 0.33 | 0.7 | 0.78 |
| cadmium | SW6010B | MG/KG | 0.057 U | 0.057 U | 0.057 U | 0.057 U | 0.52 U | 0.58 U |
| calcium | SW6010B | MG/KG | 8800 J- | 5000 J- | 11000 J- | 10000 J- | 6660 J | 17400 J |
| chromium, total | SW6010B | MG/KG | 47 J- | 46 J- | 41 J- | 45 J- | 64.6 J+ | 57.5 J+ |
| cobalt | SW6010B | MG/KG | 19 | 18 | 19 | 20 | 22.2 | 20 |
| copper | SW6010B | MG/KG | 58 J- | 52 J- | 56 J- | 57 J- | 70.6 | 57.3 |
| iron | SW6010B | MG/KG | 44000 | 42000 | 39000 | 38000 | 55200 | 42400 |
| lead | SW6010B | MG/KG | 17 | 19 | 13 | 82 | 15.4 J | 23.3 J |
| magnesium | SW6010B | MG/KG | 7200 J- | 6000 J- | 7300 J- | 6900 J- | 8280 | 9390 |
| manganese | SW6010B | MG/KG | 1100 | 820 | 950 | 990 | 1410 | 844 |
| molybdenum | SW6010B | MG/KG | 0.65 J | 0.6 J | 0.5 J | 0.69 J | 1 J | 0.68 U |
| nickel | SW6010B | MG/KG | 50 J- | 46 J- | 50 J- | 49 J- | 69.9 | 55.6 |
| phosphorus, total (as P) | SW6010B | MG/KG | | | | | 272 | 311 |
| potassium | SW6010B | MG/KG | 1600 J+ | 1600 J+ | 1800 J+ | 1400 J+ | 1650 | 2230 |
| selenium | SW6010B | MG/KG | 0.74 J | 0.464 U | 0.73 J | 0.464 U | 0.69 U | 0.39 U |
| silver | SW6010B | MG/KG | 0.099 U | 0.099 U | 0.11 J | 0.12 J | 0.24 U | 0.27 U |
| sodium | SW6010B | MG/KG | 180 J | 140 J | 160 J | 140 J | 208 J | 181 J |
| thallium | SW6010B | MG/KG | 0.741 U | 0.741 U | 0.741 U | 0.741 U | 0.92 U | 0.52 U |
| vanadium | SW6010B | MG/KG | 81 J- | 84 J- | 65 J- | 64 J- | 90.2 | 82.6 |
| zinc | SW6010B | MG/KG | 85 | 75 | 80 | 99 | 92.1 | 97.2 |
| mercury | SW7471A | MG/KG | 0.055 | 0.045 | 0.067 | 0.067 | 0.065 | 0.069 |

**Table 5-11. Analytical Results for Stockpile #1 and #2 - Soil**
(Page 2 of 9)

| | | Location ID | SP1-B1 | SP2-B1 |
|---|---|---|---|---|
| | | Sample Depth | 2-2.5 | 2-2.5 |
| | | Sample Date | 7/20/99 | 7/20/99 |
| | | Lab | CalTest | CalTest |
| | | Sample Type | N | N |
| | | Event | INTERIM | INTERIM |
| **Analyte** | **Method** | **Units** | | |
| acenaphthene | SW8270 | MG/KG | 0.37 UR | 0.37 UR |
| acenapthylene | SW8270 | MG/KG | 0.37 UR | 0.37 UR |
| anthracene | SW8270 | MG/KG | 0.37 UR | 0.37 UR |
| benzo(a)anthracene | SW8270 | MG/KG | 0.37 UR | 0.11 J- |
| benzo(a)pyrene | SW8270 | MG/KG | 0.37 UR | 0.11 J- |
| benzo(b)fluoranthene | SW8270 | MG/KG | 0.37 UR | 0.11 J- |
| benzo(g,h,i)perylene | SW8270 | MG/KG | 0.37 UR | 0.044 J- |
| benzo(k)fluoranthene | SW8270 | MG/KG | 0.37 UR | 0.11 J- |
| chrysene | SW8270 | MG/KG | 0.37 UR | 0.11 J- |
| dibenz(a,h)anthracene | SW8270 | MG/KG | 0.37 UR | 0.37 UR |
| fluoranthene | SW8270 | MG/KG | 0.37 UR | 0.11 J- |
| fluorene | SW8270 | MG/KG | 0.37 UR | 0.37 UR |
| indeno(1,2,3-c,d)pyrene | SW8270 | MG/KG | 0.37 UR | 0.067 J- |
| naphthalene | SW8270 | MG/KG | 0.37 UR | 0.37 UR |
| phenanthrene | SW8270 | MG/KG | 0.37 UR | 0.37 UR |
| pyrene | SW8270 | MG/KG | 0.37 UR | 0.11 J- |

## Table 5-11. Analytical Results for Stockpile #1 and #2 - Soil
(Page 3 of 9)

| | | Location ID | SP1-R1 | SP1-R2 | SP2-R1 | SP2-R2 |
|---|---|---|---|---|---|---|
| | | Sample Depth | 2-2.5 | 2-2.5 | 2-2.5 | 2-2.5 |
| | | Sample Date | 4/20/00 | 4/20/00 | 4/20/00 | 4/20/00 |
| | | Lab | Quanterra | Quanterra | Quanterra | Quanterra |
| | | Sample Type | N | N | N | N |
| | | Event | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | |
| 1,2,4-trichlorobenzene | SW8270C | MG/KG | 2.3 U | 2.3 U | 2.2 U | 2.3 U |
| 1,2-dichlorobenzene | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| 1,2-dinitrobenzene | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| 1,3-dichlorobenzene | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| 1,3-dinitrobenzene | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| 1,4-dichlorobenzene | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| 1,4-dinitrobenzene | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| 2,4,5-trichlorophenol | SW8270C | MG/KG | 2.3 U | 2.3 U | 2.2 U | 2.3 U |
| 2,4,6-trichlorophenol | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| 2,4-dichlorophenol | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| 2,4-dimethylphenol | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| 2,4-dinitrophenol | SW8270C | MG/KG | 2.3 U | 2.3 U | 2.2 U | 2.3 U |
| 2,4-dinitrotoluene | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| 2,6-dinitrotoluene | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| 2-chloronaphthalene | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| 2-chlorophenol | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| 2-methylnaphthalene | SW8270C | MG/KG | 2.3 U | 2.3 U | 2.2 U | 2.3 U |
| 2-methylphenol | SW8270C | MG/KG | 2.3 U | 2.3 U | 2.2 U | 2.3 U |
| 2-nitroaniline | SW8270C | MG/KG | 2.3 U | 2.3 U | 2.2 U | 2.3 U |
| 2-nitrophenol | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| 3,3'-dichlorobenzidine | SW8270C | MG/KG | 5.8 UJ | 5.7 UJ | 5.6 UJ | 5.7 UJ |
| 3-nitroaniline | SW8270C | MG/KG | 2.3 UJ | 2.3 U | 2.2 U | 2.3 UJ |
| 4,6-dinitro-2-methylphenol | SW8270C | MG/KG | 2.3 U | 2.3 U | 2.2 U | 2.3 U |
| 4-bromophenyl phenyl ether | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| 4-chloro-3-methylphenol | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| 4-chloroaniline | SW8270C | MG/KG | 1.2 U | 11 U | 1.1 U | 1.1 U |
| 4-chlorophenyl phenyl ether | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| 4-nitroaniline | SW8270C | MG/KG | 2.3 U | 2.3 U | 2.2 U | 2.3 U |
| 4-nitrophenol | SW8270C | MG/KG | 2.3 U | 2.3 U | 2.2 U | 2.3 U |

## Table 5-11. Analytical Results for Stockpile #1 and #2 - Soil
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| | Location ID | | SP1-R1 | SP1-R2 | SP2-R1 | SP2-R2 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 2-2.5 | 2-2.5 | 2-2.5 | 2-2.5 |
| | Sample Date | | 4/20/00 | 4/20/00 | 4/20/00 | 4/20/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | |
| acenaphthene | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| acenapthylene | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| aniline | SW8270C | MG/KG | 2.3 U | 2.3 U | 2.2 U | 2.3 U |
| anthracene | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| benzidine | SW8270C | MG/KG | 4.6 UR | 4.5 UJ | 4.4 UR | 4.5 UR |
| benzo(a)anthracene | SW8270C | MG/KG | 1.2 U | 1.1 UJ | 1.1 U | 1.1 U |
| benzo(a)pyrene | SW8270C | MG/KG | 1.2 U | 1.1 UJ | 1.1 U | 1.1 UJ |
| benzo(b)fluoranthene | SW8270C | MG/KG | 1.2 U | 1.1 UJ | 1.1 U | 1.1 UJ |
| benzo(g,h,i)perylene | SW8270C | MG/KG | 0.071 J | 1.1 UJ | 1.1 U | 1.1 UJ |
| benzo(k)fluoranthene | SW8270C | MG/KG | 1.2 U | 1.1 UJ | 1.1 U | 1.1 UJ |
| benzoic acid | SW8270C | MG/KG | 4.6 UJ | 4.5 UJ | 4.4 U | 4.5 UJ |
| benzyl alcohol | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| benzyl butyl phthalate | SW8270C | MG/KG | 1.2 U | 1.1 UJ | 1.1 U | 1.1 U |
| bis(2-chloroethoxy) methane | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| bis(2-chloroethyl) ether | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| bis(2-chloroisopropyl) ether | SW8270C | MG/KG | 2.3 U | 2.3 U | 2.2 U | 2.3 U |
| bis(2-ethylhexyl) phthalate | SW8270C | MG/KG | 5.8 U | 5.7 UJ | 5.6 U | 0.072 UJ |
| carbazole | SW8270C | MG/KG | 1.2 UJ | 1.1 U | 1.1 UJ | 1.1 UJ |
| chrysene | SW8270C | MG/KG | 1.2 U | 1.1 UJ | 1.1 U | 1.1 U |
| di-n-butyl phthalate | SW8270C | MG/KG | 5.8 U | 5.7 U | 5.6 U | 5.7 U |
| di-n-octyl phthalate | SW8270C | MG/KG | 1.2 U | 1.1 UJ | 1.1 U | 1.1 UJ |
| dibenz(a,h)anthracene | SW8270C | MG/KG | 1.2 U | 1.1 UJ | 1.1 U | 1.1 UJ |
| dibenzofuran | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| diethyl phthalate | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| dimethyl phthalate | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| fluoranthene | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| fluorene | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| hexachlorobenzene | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| hexachlorobutadiene | SW8270C | MG/KG | 5.8 U | 5.7 U | 5.6 U | 5.7 U |

## Table 5-11. Analytical Results for Stockpile #1 and #2 - Soil
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| | Location ID | | SP1-R1 | SP1-R2 | SP2-R1 | SP2-R2 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 2-2.5 | 2-2.5 | 2-2.5 | 2-2.5 |
| | Sample Date | | 4/20/00 | 4/20/00 | 4/20/00 | 4/20/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | |
| hexachlorocyclopentadiene | SW8270C | MG/KG | 5.8 U | 5.7 U | 5.6 U | 5.7 U |
| hexachloroethane | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| indeno(1,2,3-c,d)pyrene | SW8270C | MG/KG | 0.05 J | 1.1 UJ | 0.033 J | 0.054 J |
| isophorone | SW8270C | MG/KG | 5.8 U | 5.7 U | 5.6 U | 5.7 U |
| n-nitrosodi-n-propylamine | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| n-nitrosodimethylamine | SW8270C | MG/KG | 5.8 U | 5.7 U | 5.6 U | 5.7 U |
| n-nitrosodiphenylamine | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| naphthalene | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| nitrobenzene | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| o,p-cresol | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| pentachlorophenol | SW8270C | MG/KG | 2.3 U | 2.3 U | 2.2 U | 2.3 U |
| phenanthrene | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| phenol | SW8270C | MG/KG | 1.2 U | 1.1 U | 1.1 U | 1.1 U |
| pyrene | SW8270C | MG/KG | 1.2 U | 1.1 UJ | 1.1 U | 1.1 U |

## Table 5-11. Analytical Results for Stockpile #1 and #2 - Soil
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| | Location ID | | SP1-A1 | SP1-B1 | SP2-A1 | SP2-B1 | SP1-C | SP2-C |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 2-2.5 | 2-2.5 | 2-2.5 | 2-2.5 | 2-2.5 | 2-2.5 |
| | Sample Date | | 7/20/99 | 7/20/99 | 7/20/99 | 7/20/99 | 12/08/99 | 12/08/99 |
| | Lab | | CalTest | CalTest | CalTest | CalTest | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | INTERIM | INTERIM | INTERIM | INTERIM | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| acenaphthene | SW8310 | MG/KG | 0.022 U | 0.022 UFR | 0.022 U | 0.022 UFR | 0.45 U | 0.44 U |
| acenapthylene | SW8310 | MG/KG | 0.022 U | 0.022 UFR | 0.022 U | 0.022 UFR | 0.45 U | 0.44 U |
| anthracene | SW8310 | MG/KG | 0.022 U | 0.022 UFR | 0.022 U | 0.022 UFR | 0.16 U | 0.16 U |
| benzo(a)anthracene | SW8310 | MG/KG | 0.022 U | 0.022 UFR | 0.022 U | 0.022 UFR | 0.022 U | 0.022 U |
| benzo(a)pyrene | SW8310 | MG/KG | 0.022 U | 0.022 UFR | 0.022 U | 0.022 UFR | 0.022 U | 0.022 U |
| benzo(b)fluoranthene | SW8310 | MG/KG | 0.022 U | 0.022 UFR | 0.022 U | 0.022 UFR | 0.034 U | 0.033 U |
| benzo(g,h,i)perylene | SW8310 | MG/KG | 0.022 U | 0.022 UFR | 0.022 U | 0.022 UFR | 0.022 U | 0.022 U |
| benzo(k)fluoranthene | SW8310 | MG/KG | 0.022 U | 0.022 UFR | 0.022 U | 0.022 UFR | 0.022 U | 0.022 U |
| chrysene | SW8310 | MG/KG | 0.022 U | 0.022 UFR | 0.022 U | 0.022 UFR | 0.045 U | 0.044 U |
| dibenz(a,h)anthracene | SW8310 | MG/KG | 0.022 U | 0.022 UFR | 0.022 U | 0.022 UFR | 0.045 U | 0.044 U |
| fluoranthene | SW8310 | MG/KG | 0.022 U | 0.022 UFR | 0.022 U | 0.022 UFR | 0.056 U | 0.056 U |
| fluorene | SW8310 | MG/KG | 0.022 U | 0.022 UFR | 0.022 U | 0.022 UFR | 0.045 UJ | 0.044 UJ |
| indeno(1,2,3-c,d)pyrene | SW8310 | MG/KG | 0.022 U | 0.022 UFR | 0.022 U | 0.022 UFR | 0.045 U | 0.044 U |
| naphthalene | SW8310 | MG/KG | 0.022 U | 0.022 UFR | 0.022 U | 0.022 UFR | 0.45 U | 0.44 U |
| phenanthrene | SW8310 | MG/KG | 0.022 U | 0.0078 JFR | 0.022 U | 0.022 UFR | 0.13 U | 0.13 U |
| pyrene | SW8310 | MG/KG | 0.022 U | 0.022 UFR | 0.022 U | 0.022 UFR | 0.067 U | 0.067 U |

## Table 5-11. Analytical Results for Stockpile #1 and #2 - Soil
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| | Location ID | | SP1-A1 | SP1-B1 | SP2-A1 | SP2-B1 | SP1-C | SP2-C |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 2-2.5 | 2-2.5 | 2-2.5 | 2-2.5 | 2-2.5 | 2-2.5 |
| | Sample Date | | 7/20/99 | 7/20/99 | 7/20/99 | 7/20/99 | 12/08/99 | 12/08/99 |
| | Lab | | CalTest | CalTest | CalTest | CalTest | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | INTERIM | INTERIM | INTERIM | INTERIM | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.28 U | 0.28 U | 0.28 U | 0.28 U | 0.46 U | 0.47 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.28 U | 0.28 U | 0.28 U | 0.28 U | 0.46 U | 0.47 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.67 | 0.28 U | 0.28 U | 0.28 U | 0.46 U | 0.47 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.28 U | 0.28 U | 0.28 U | 0.28 U | 0.46 U | 0.47 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.28 U | 0.28 U | 0.28 U | 0.28 U | 0.46 U | 0.47 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | 0.28 U | 0.28 U | 0.28 U | 0.28 U | | |
| 2-nitrotoluene | SW8330 | MG/KG | 0.28 U | 0.28 U | 0.28 U | 0.28 U | 0.46 U | 0.47 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.28 U | 0.28 U | 0.28 U | 0.28 U | 0.46 U | 0.47 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | 0.28 U | 0.28 U | 0.28 U | 0.28 U | | |
| 4-nitrotoluene | SW8330 | MG/KG | 0.28 U | 0.28 U | 0.28 U | 0.28 U | 0.46 U | 0.47 U |
| amino-dnts | SW8330 | MG/KG | | | | | 0.92 U | 0.93 U |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.28 U | 0.28 U | 0.28 U | 0.28 U | 0.46 U | 0.47 U |
| nitrobenzene | SW8330 | MG/KG | 0.28 U | 0.28 U | 0.28 U | 0.28 U | 0.46 U | 0.47 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.28 U | 0.28 U | 0.28 U | 0.28 U | 0.46 U | 0.47 U |
| tetryl | SW8330 | MG/KG | 0.28 U | 0.28 U | 0.28 U | 0.28 U | 0.46 U | 0.47 U |

## Table 5-11. Analytical Results for Stockpile #1 and #2 - Soil
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| | Location ID | | SP1-C | SP1-C | SP2-C | SP2-C | SP1-R1 | SP1-R2 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 2-2.5 | 2-2.5 | 2-2.5 | 2-2.5 | 2-2.5 | 2-2.5 |
| | Sample Date | | 12/08/99 | 12/08/99 | 12/08/99 | 12/08/99 | 4/20/00 | 4/20/00 |
| | Lab | | Onsite | Quanterra | Onsite | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | 0.041 U | | 0.047 U | | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | 1.7 | | 2.5 | | |
| kerosene | M8015B | MG/KG | 1.1 UJ | | 5.5 U | | | |
| motor oils | M8015B | MG/KG | 6.7 J | | 160 | | | |
| tph as diesel (c10-c28) | M8015B | MG/KG | 1.1 UJ | | 5.5 U | | | |
| diesel fuel #2 | M8015B | MG/KG | | | | | 1.2 UJ | 57 UJ |
| kerosene | M8015B | MG/KG | | | | | 1.2 UJ | 57 UJ |
| motor oils | M8015B | MG/KG | | | | | 12 UJ | 570 UJ |
| unknown extract. hydrocarbon | M8015B | MG/KG | | | | | 9.2 J | 1400 J- |
| nitroglycerin | SW8330M | MG/KG | 0.59 U | | 0.62 U | | | |
| pentaerythritol tetranitrate | SW8330M | MG/KG | 0.59 U | | 0.62 U | | | |

## Table 5-11. Analytical Results for Stockpile #1 and #2 - Soil
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| | Location ID | | SP2-R1 | SP2-R2 |
|---|---|---|---|---|
| | Sample Depth | | 2-2.5 | 2-2.5 |
| | Sample Date | | 4/20/00 | 4/20/00 |
| | Lab | | Quanterra | Quanterra |
| | Sample Type | | N | N |
| | Event | | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | |
| kerosene | M8015B | MG/KG | | |
| motor oils | M8015B | MG/KG | | |
| tph as diesel (c10-c28) | M8015B | MG/KG | | |
| diesel fuel #2 | M8015B | MG/KG | 5.6 UJ | 11 UJ |
| kerosene | M8015B | MG/KG | 5.6 UJ | 11 UJ |
| motor oils | M8015B | MG/KG | 56 UJ | 110 UJ |
| unknown extract. hydrocarbon | M8015B | MG/KG | 65 J- | 150 J- |
| nitroglycerin | SW8330M | MG/KG | | |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | MW-7/0 | MW-7/0.5 | MW-14/0.5 | MW-14/1 | MW-15/0.5 | MW-15/1 | TW-7R/0.5 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0-0.5 | 0.5-1 | 0.5-1 | 1-1.5 | 0.5-1 | 1-1.5 | 0.5-1 |
| | Sample Date | | 2/24/00 | 2/24/00 | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 | 4/21/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | FR | N | FR | N | FR | N |
| | Event | | GAPS1 | GAPS1 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | | |
| PCB-1016 (Arochlor 1016) | SW8082 | MG/KG | 0.044 U | 0.041 U | 0.037 UJ | 0.039 UJ | 0.038 UJ | 0.039 UJ | 0.038 U |
| PCB-1221 (Arochlor 1221) | SW8082 | MG/KG | 0.089 U | 0.084 U | 0.075 UJ | 0.079 UJ | 0.078 UJ | 0.08 UJ | 0.077 U |
| PCB-1232 (Arochlor 1232) | SW8082 | MG/KG | 0.044 U | 0.041 U | 0.037 UJ | 0.039 UJ | 0.038 UJ | 0.039 UJ | 0.038 U |
| PCB-1242 (Arochlor 1242) | SW8082 | MG/KG | 0.044 U | 0.041 U | 0.037 UJ | 0.039 UJ | 0.038 UJ | 0.039 UJ | 0.038 U |
| PCB-1248 (Arochlor 1248) | SW8082 | MG/KG | 0.044 U | 0.041 U | 0.037 UJ | 0.039 UJ | 0.038 UJ | 0.039 UJ | 0.038 U |
| PCB-1254 (Arochlor 1254) | SW8082 | MG/KG | 0.038 J | 0.041 U | 0.037 UJ | 0.039 UJ | 0.038 UJ | 0.039 UJ | 0.038 U |
| PCB-1260 (Arochlor 1260) | SW8082 | MG/KG | 0.044 U | 0.041 U | 0.037 UJ | 0.039 UJ | 0.038 UJ | 0.039 UJ | 0.038 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-1/5.5 | TW-1/10.5 | TW-1/15.5 | TW-1/19.5 | TW-1A/0.5 | TW-4/5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 5.5-6 | 10.5-11.5 | 15.5-16 | 19.5-20 | 0.5-1 | 5-5.5 |
| | Sample Date | | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/13/99 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| aluminum | SW6010B | MG/KG | 34200 | 30600 | 32000 | 21100 | 20300 | 25600 |
| antimony | SW6010B | MG/KG | 0.98 J | 0.72 J | 0.61 J | 0.74 UJ | 0.9 J | 0.76 J |
| arsenic | SW6010B | MG/KG | 13.5 | 12.5 | 11.9 | 9.5 | 11.1 J | 13 |
| barium | SW6010B | MG/KG | 391 | 446 | 514 | 306 | 209 | 190 |
| beryllium | SW6010B | MG/KG | 0.99 | 0.88 | 0.83 | 0.36 J | 0.6 | 0.77 |
| cadmium | SW6010B | MG/KG | 0.53 U | 0.55 U | 0.54 U | 1 U | 0.52 U | 0.53 U |
| calcium | SW6010B | MG/KG | 4400 | 3460 | 3130 | 154000 | 8350 | 5290 |
| chromium, total | SW6010B | MG/KG | 63.3 | 58.4 | 59.3 | 37.3 | 50.1 J+ | 58.3 J+ |
| cobalt | SW6010B | MG/KG | 23.3 | 27.6 | 25.7 | 11.5 | 20.2 | 20.9 |
| copper | SW6010B | MG/KG | 63.3 | 61.8 | 62.9 | 46.6 | 59.3 | 65.5 |
| iron | SW6010B | MG/KG | 44300 | 44700 | 45200 | 28400 | 41400 | 42300 |
| lead | SW6010B | MG/KG | 12.9 J | 12.6 J | 11.9 J | 4.9 J | 9 J | 17.6 |
| magnesium | SW6010B | MG/KG | 6340 | 10200 | 11300 | 13200 | 7690 | 7730 |
| manganese | SW6010B | MG/KG | 1700 | 2240 | 2550 | 1760 | 944 | 1220 |
| molybdenum | SW6010B | MG/KG | 0.61 U | 0.64 U | 0.62 U | 1.2 U | 0.9 UJ | 0.62 U |
| nickel | SW6010B | MG/KG | 55.2 | 66.5 | 72.8 | 55.4 | 55.3 | 62.7 |
| phosphorus, total (as P) | SW6010B | MG/KG | 406 | 239 | 169 | 321 | 192 | 242 |
| potassium | SW6010B | MG/KG | 2250 | 2570 | 2890 | 1800 | 1330 | 2260 |
| selenium | SW6010B | MG/KG | 0.35 U | 0.36 U | 0.35 U | 1.3 U | 0.34 U | 1.3 J |
| silver | SW6010B | MG/KG | 0.24 U | 0.25 U | 0.24 U | 0.46 U | 0.24 U | 0.24 U |
| sodium | SW6010B | MG/KG | 274 | 1070 | 867 | 535 | 153 J | 591 J |
| thallium | SW6010B | MG/KG | 0.47 U | 0.49 U | 0.48 U | 1.8 U | 0.46 U | 0.47 U |
| vanadium | SW6010B | MG/KG | 96.8 | 77.9 | 77.4 | 54.6 | 69.9 J+ | 72.4 J+ |
| zinc | SW6010B | MG/KG | 78.9 | 91.5 | 99.8 | 68.1 | 82.1 | 87.3 |
| mercury | SW7471A | MG/KG | 0.02 J | 0.019 J | 0.019 J | 0.057 | 0.04 J | 0.059 |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-4/10.5 | TW-4/15.5 | TW-4/21 | TW-4/21.5 | TW-4A/0.5 | TW-5/5.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10.5-11 | 15.5-16 | 21-21.5 | 21.5-22 | 0.5-1 | 5.5-6 |
| | Sample Date | | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 | 12/09/99 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | FR | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| aluminum | SW6010B | MG/KG | 21200 | 26400 | 24800 | 21900 | 22800 | 36500 |
| antimony | SW6010B | MG/KG | 0.39 J | 0.53 J | 0.54 J | 0.5 J | 0.63 J | 1.1 J |
| arsenic | SW6010B | MG/KG | 6.5 | 10.6 | 11.6 | 11.2 | 11.3 | 14.8 |
| barium | SW6010B | MG/KG | 149 | 298 | 334 | 302 | 240 | 328 |
| beryllium | SW6010B | MG/KG | 0.66 | 0.63 | 0.69 | 0.65 | 0.66 | 0.96 |
| cadmium | SW6010B | MG/KG | 0.56 U | 0.56 U | 0.56 U | 0.54 U | 0.54 U | 0.5 U |
| calcium | SW6010B | MG/KG | 16400 | 19700 | 3900 | 3620 | 7090 | 4450 |
| chromium, total | SW6010B | MG/KG | 44.2 J+ | 49.6 J+ | 51.1 J+ | 46.6 J+ | 48.2 J+ | 62.6 |
| cobalt | SW6010B | MG/KG | 6.7 | 21.3 | 22 | 22.8 | 16.6 | 20.5 |
| copper | SW6010B | MG/KG | 49.5 | 57.2 | 56.5 | 51 | 56.6 | 66.5 |
| iron | SW6010B | MG/KG | 32200 | 40400 | 41900 | 39200 | 40500 | 44700 |
| lead | SW6010B | MG/KG | 10.3 | 8.8 | 9.8 | 9.8 | 8.2 | 16.5 J |
| magnesium | SW6010B | MG/KG | 7770 | 10300 | 8690 | 7820 | 8310 | 7720 |
| manganese | SW6010B | MG/KG | 229 | 1500 | 1200 | 1300 | 884 | 1470 |
| molybdenum | SW6010B | MG/KG | 0.64 U | 0.64 U | 0.68 UJ | 0.79 UJ | 0.63 UJ | 0.58 U |
| nickel | SW6010B | MG/KG | 33.8 | 56.9 | 55.9 | 51.7 | 51.1 | 57.6 |
| phosphorus, total (as P) | SW6010B | MG/KG | 217 | 257 | 241 | 234 | 182 | 309 |
| potassium | SW6010B | MG/KG | 1490 | 2500 | 2930 | 2880 | 1880 | 3230 |
| selenium | SW6010B | MG/KG | 0.69 J | 0.91 J | 1.1 J | 0.88 J | 1.2 J | 0.66 U |
| silver | SW6010B | MG/KG | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U | 0.23 U |
| sodium | SW6010B | MG/KG | 803 J | 386 J | 280 J | 254 J | 209 J | 441 |
| thallium | SW6010B | MG/KG | 0.49 U | 0.49 U | 0.49 U | 0.48 U | 0.48 U | 0.89 U |
| vanadium | SW6010B | MG/KG | 55.8 J+ | 70.4 J+ | 66.2 J+ | 61.9 J+ | 67 J+ | 92.4 |
| zinc | SW6010B | MG/KG | 66 | 89.4 | 94.1 | 87 | 81.5 | 90.2 |
| mercury | SW7471A | MG/KG | 0.014 J | 0.012 J | 0.038 J | 0.027 J | 0.054 | 0.028 J |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-5/10.5 | TW-5/20.5 | TW-5A/0.5 | TW-6/0.5 | TW-6/4.5 | TW-6/9 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10.5-11 | 20.5-21 | 0.5-1 | 0.5-1 | 4.5-5 | 9-9.5 |
| | Sample Date | | 12/09/99 | 12/09/99 | 12/09/99 | 12/08/99 | 12/08/99 | 12/08/99 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| aluminum | SW6010B | MG/KG | 24400 | 27100 | 36500 | 27200 | 28800 | 25200 |
| antimony | SW6010B | MG/KG | 0.63 J | 0.74 J | 1.4 J | 0.88 J | 1.1 J | 0.81 J |
| arsenic | SW6010B | MG/KG | 16.5 | 14.6 | 15.9 | 8.3 J- | 14.5 J- | 11.2 J- |
| barium | SW6010B | MG/KG | 262 | 138 | 366 | 146 | 149 | 201 |
| beryllium | SW6010B | MG/KG | 0.69 | 0.7 | 0.9 | 0.65 | 0.85 | 0.55 |
| cadmium | SW6010B | MG/KG | 0.49 U | 0.5 U | 0.54 U | 0.49 U | 0.49 U | 0.48 U |
| calcium | SW6010B | MG/KG | 4200 | 6380 | 4660 | 15900 J | 4270 J | 9840 J |
| chromium, total | SW6010B | MG/KG | 51.8 | 59.1 | 65.1 | 57 J+ | 57.5 J+ | 41.2 J+ |
| cobalt | SW6010B | MG/KG | 21.7 | 17.9 | 20.6 | 17.5 | 12.5 | 13.1 |
| copper | SW6010B | MG/KG | 62.4 | 67.5 | 65.9 | 65 | 77 | 48.2 |
| iron | SW6010B | MG/KG | 41900 | 45100 | 47800 | 47100 | 49100 | 47200 |
| lead | SW6010B | MG/KG | 13 J | 12.6 J | 14.2 J | 7.6 J | 8.3 J | 4.2 J |
| magnesium | SW6010B | MG/KG | 9280 | 11000 | 7940 | 11600 | 11200 | 9370 |
| manganese | SW6010B | MG/KG | 560 | 495 | 1410 | 340 | 222 | 621 |
| molybdenum | SW6010B | MG/KG | 0.57 U | 0.58 U | 0.63 U | 0.57 U | 0.57 U | 0.71 J |
| nickel | SW6010B | MG/KG | 53.2 | 62.6 | 55.3 | 61 J+ | 48.9 J+ | 26.5 J+ |
| phosphorus, total (as P) | SW6010B | MG/KG | 251 | 255 | 294 | 257 J+ | 236 J+ | 257 J+ |
| potassium | SW6010B | MG/KG | 2010 | 2670 | 3190 | 1690 | 2250 | 1290 |
| selenium | SW6010B | MG/KG | 0.65 U | 0.69 J | 0.72 U | 0.67 J | 0.65 U | 0.88 J |
| silver | SW6010B | MG/KG | 0.22 U | 0.23 U | 0.25 U | 0.22 U | 0.22 U | 0.22 U |
| sodium | SW6010B | MG/KG | 821 | 547 | 162 J | 305 J | 275 J | 220 J |
| thallium | SW6010B | MG/KG | 0.87 U | 0.89 U | 0.97 U | 0.88 U | 0.88 U | 0.86 U |
| vanadium | SW6010B | MG/KG | 62.1 | 65 | 99.9 | 87.1 | 107 | 104 |
| zinc | SW6010B | MG/KG | 108 | 119 | 92.8 | 99.5 | 120 | 85.2 |
| mercury | SW7471A | MG/KG | 0.05 | 0.079 | 0.05 | 0.052 | 0.051 | 0.026 J |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-7/0.5 | TW-7/4.5 | TW-7/7.5 | TW-7/8 | TW-8/15.5 | MW-6/0.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 4.5-5 | 7.5-8 | 8-8.5 | 15.5-16 | 0.5-1 |
| | Sample Date | | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/09/99 | 4/05/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | FR | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| aluminum | SW6010B | MG/KG | 21000 | 18100 | 19400 | 18700 | 27200 | 31500 |
| antimony | SW6010B | MG/KG | 1.1 J | 0.98 J | 1.1 J | 0.41 J | 1.2 J | 0.81 J |
| arsenic | SW6010B | MG/KG | 12.5 J | 12.8 J | 13.3 J | 23.4 J | 39.1 | 11.3 |
| barium | SW6010B | MG/KG | 352 | 517 | 255 | 371 | 183 | 508 |
| beryllium | SW6010B | MG/KG | 0.73 | 0.55 | 0.51 | 0.5 | 0.73 | 0.68 |
| cadmium | SW6010B | MG/KG | 0.55 U | 0.5 U | 0.49 U | 0.51 U | 0.48 U | 0.035 U |
| calcium | SW6010B | MG/KG | 3210 | 3460 | 4110 | 4000 | 9800 | 45600 |
| chromium, total | SW6010B | MG/KG | 49.6 J+ | 39.2 J+ | 45.7 J+ | 39.8 J+ | 58.2 | 56.3 J+ |
| cobalt | SW6010B | MG/KG | 16.1 | 17.4 | 21 | 24.2 | 25.4 | 21.6 |
| copper | SW6010B | MG/KG | 58.8 | 59.8 | 67.6 | 77 | 72.8 | 45.2 |
| iron | SW6010B | MG/KG | 37300 | 37700 | 40500 | 43200 | 48600 | 45200 |
| lead | SW6010B | MG/KG | 15.1 J | 9 J | 10.3 J | 9.1 J | 11.4 J | 6.9 J |
| magnesium | SW6010B | MG/KG | 5890 | 9080 | 9740 | 9180 | 12700 | 11000 |
| manganese | SW6010B | MG/KG | 1110 | 1220 | 1550 | 3230 | 799 | 1400 |
| molybdenum | SW6010B | MG/KG | 1.1 UJ | 2 UJ | 0.58 UJ | 1.3 UJ | 0.63 J | 0.56 J |
| nickel | SW6010B | MG/KG | 44.1 | 47.3 | 63.7 | 76.6 | 66.8 | 49.2 |
| phosphorus, total (as P) | SW6010B | MG/KG | 270 | 207 | 230 | 186 | 251 | 207 |
| potassium | SW6010B | MG/KG | 2190 | 942 | 1360 | 1100 | 2220 | 2760 |
| selenium | SW6010B | MG/KG | 0.36 U | 0.33 U | 0.32 U | 1.2 J | 0.64 U | 0.34 U |
| silver | SW6010B | MG/KG | 0.25 U | 0.23 U | 0.22 U | 0.23 U | 0.22 U | 0.23 U |
| sodium | SW6010B | MG/KG | 179 J | 1480 | 913 | 913 | 291 | 445 |
| thallium | SW6010B | MG/KG | 0.48 U | 0.44 U | 0.43 U | 0.9 U | 0.86 U | 0.46 U |
| vanadium | SW6010B | MG/KG | 68.3 J+ | 50.3 J+ | 54.5 J+ | 59.6 J+ | 74.1 | 99.4 J+ |
| zinc | SW6010B | MG/KG | 68.6 | 93.5 | 104 | 111 | 114 | 83 |
| mercury | SW7471A | MG/KG | 0.037 J | 0.058 | 0.074 | 0.056 | 0.061 | 0.018 J |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-6/1 | MW-6/4 | MW-6/10 | MW-6/15 | MW-6/20 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 1-1.5 | 4-4.5 | 10-10.5 | 15-15.5 | 20-20.5 |
| | Sample Date | | 4/05/00 | 4/05/00 | 4/05/00 | 4/05/00 | 4/05/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | FR | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| aluminum | SW6010B | MG/KG | 30900 | 29900 | 24100 | 23800 | 20300 |
| antimony | SW6010B | MG/KG | 0.61 J | 0.74 J | 0.57 J | 0.59 J | 0.64 J |
| arsenic | SW6010B | MG/KG | 12.1 | 12.8 | 6.3 | 9.3 | 5.4 |
| barium | SW6010B | MG/KG | 196 | 244 | 222 | 179 | 80.4 |
| beryllium | SW6010B | MG/KG | 0.73 | 0.75 | 0.65 | 0.62 | 0.69 |
| cadmium | SW6010B | MG/KG | 0.072 U | 0.073 U | 0.034 U | 0.033 U | 0.034 U |
| calcium | SW6010B | MG/KG | 4240 | 4780 | 15400 | 9190 | 3870 |
| chromium, total | SW6010B | MG/KG | 59.2 J+ | 62.8 J+ | 41 J+ | 48 J+ | 41.7 J+ |
| cobalt | SW6010B | MG/KG | 20.8 | 15.4 | 19.1 | 19.3 | 19.9 |
| copper | SW6010B | MG/KG | 47.1 | 49.4 | 67.5 | 66.1 | 59.2 |
| iron | SW6010B | MG/KG | 49200 | 50800 | 40200 | 41200 | 35200 |
| lead | SW6010B | MG/KG | 8 J | 7.4 J | 11 J | 8 J | 9 J |
| magnesium | SW6010B | MG/KG | 9110 | 9780 | 10700 | 10800 | 10300 |
| manganese | SW6010B | MG/KG | 1030 | 448 | 522 | 459 | 466 |
| molybdenum | SW6010B | MG/KG | 0.54 J | 0.55 J | 0.27 J | 0.23 J | 0.18 U |
| nickel | SW6010B | MG/KG | 52.9 | 50.8 | 55.2 | 50.5 | 61.4 |
| phosphorus, total (as P) | SW6010B | MG/KG | 235 | 84.6 | 275 | 280 | 217 |
| potassium | SW6010B | MG/KG | 2850 | 1270 | 1650 | 2050 | 1980 |
| selenium | SW6010B | MG/KG | 0.7 U | 0.7 U | 0.33 U | 0.32 U | 0.33 U |
| silver | SW6010B | MG/KG | 0.24 U | 0.24 U | 0.23 U | 0.22 U | 0.22 U |
| sodium | SW6010B | MG/KG | 446 | 366 | 259 | 241 | 358 |
| thallium | SW6010B | MG/KG | 0.94 U | 0.94 U | 0.44 U | 0.43 U | 0.44 U |
| vanadium | SW6010B | MG/KG | 103 J+ | 101 J+ | 55.1 J+ | 53.8 J+ | 35.1 J+ |
| zinc | SW6010B | MG/KG | 90.9 | 79.6 | 103 | 106 | 92.9 |
| mercury | SW7471A | MG/KG | 0.011 J | 0.045 J | 0.13 | 0.11 | 0.15 |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-1/0.5 | TW-1/4 | TW-1/10 | TW-1/15 | TW-1/20 | TW-1/22 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 4-4.5 | 10-10.5 | 15-15.5 | 20-20.5 | 22-22.5 |
| | Sample Date | | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| Analyte | Method | Units | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 1,1,1-trichloroethane | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 1,1,2,2-tetrachloroethane | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 1,1,2-trichloroethane | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 1,1-dichloroethane | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 1,1-dichloroethene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 1,1-dichloropropene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 1,2,3-trichlorobenzene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 1,2,3-trichloropropane | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 1,2,4-trichlorobenzene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 1,2,4-trimethylbenzene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 1,2-dibromo-3-chloropropane | SW8260B | MG/KG | 0.01 U | 0.0099 U | 0.012 U | 0.01 U | 0.011 U | 0.011 U |
| 1,2-dibromoethane | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 1,2-dichlorobenzene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 1,2-dichloroethane | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 1,2-dichloropropane | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 1,3,5-trimethylbenzene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 1,3-dichlorobenzene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 1,3-dichloropropane | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 1,4-dichlorobenzene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 2,2-dichloropropane | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 2-butanone | SW8260B | MG/KG | 0.021 U | 0.02 U | 0.024 U | 0.021 U | 0.023 U | 0.022 U |
| 2-chloroethyl vinyl ether | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 2-chlorotoluene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 2-hexanone | SW8260B | MG/KG | 0.021 UJ | 0.02 UJ | 0.024 UJ | 0.021 UJ | 0.023 UJ | 0.022 UJ |
| 4-chlorotoluene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| 4-methyl-2-pentanone | SW8260B | MG/KG | 0.021 U | 0.02 U | 0.024 U | 0.021 U | 0.023 U | 0.022 U |
| acetone | SW8260B | MG/KG | 0.021 U | 0.02 U | 0.024 U | 0.021 U | 0.023 U | 0.022 U |
| benzene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| bromobenzene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-1/0.5 | TW-1/4 | TW-1/10 | TW-1/15 | TW-1/20 | TW-1/22 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 4-4.5 | 10-10.5 | 15-15.5 | 20-20.5 | 22-22.5 |
| | Sample Date | | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| Analyte | Method | Units | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| bromochloromethane | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| bromodichloromethane | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| bromoform | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| bromomethane | SW8260B | MG/KG | 0.01 U | 0.0099 U | 0.012 U | 0.01 U | 0.011 U | 0.011 U |
| carbon disulfide | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| carbon tetrachloride | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| chlorobenzene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| chloroethane | SW8260B | MG/KG | 0.01 U | 0.0099 U | 0.012 U | 0.01 U | 0.011 U | 0.011 U |
| chloroform | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| chloromethane | SW8260B | MG/KG | 0.01 U | 0.0099 U | 0.012 U | 0.01 U | 0.011 U | 0.011 U |
| cis-1,2-dichloroethene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| cis-1,3-dichloropropene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| dibromochloromethane | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| dibromomethane | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| dichlorodifluoromethane | SW8260B | MG/KG | 0.01 U | 0.0099 U | 0.012 U | 0.01 U | 0.011 U | 0.011 U |
| ethylbenzene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| ethylene dibromide | SW8260B | MG/KG | | | | | | |
| Freon 113 | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| hexachlorobutadiene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| isopropylbenzene (cumene) | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| methylene chloride | SW8260B | MG/KG | 0.021 U | 0.045 UJ | 0.057 UJ | 0.047 UJ | 0.054 UJ | 0.054 UJ |
| n-butylbenzene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| n-propylbenzene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| naphthalene | SW8260B | MG/KG | 0.01 U | 0.0099 U | 0.012 U | 0.01 U | 0.011 U | 0.011 U |
| p-cymene (p-isopropyltoluene) | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| sec-butylbenzene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| styrene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| t-butylbenzene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| tert-butyl methyl ether | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | TW-1/0.5 | TW-1/4 | TW-1/10 | TW-1/15 | TW-1/20 | TW-1/22 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 4-4.5 | 10-10.5 | 15-15.5 | 20-20.5 | 22-22.5 |
| | Sample Date | | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| Analyte | Method | Units | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| tetrachloroethene (PCE) | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| toluene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| trans-1,2-dichloroethene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| trans-1,3-dichloropropene | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| trichloroethene (TCE) | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |
| trichlorofluoromethane | SW8260B | MG/KG | 0.01 U | 0.0099 U | 0.012 U | 0.01 U | 0.011 U | 0.011 U |
| vinyl acetate | SW8260B | MG/KG | 0.01 UJ | 0.0099 UJ | 0.012 UJ | 0.01 UJ | 0.011 UJ | 0.011 UJ |
| vinyl chloride | SW8260B | MG/KG | 0.01 U | 0.0099 U | 0.012 U | 0.01 U | 0.011 U | 0.011 U |
| xylene (m,p) | SW8260B | MG/KG | 0.01 UJ | 0.0099 UJ | 0.012 UJ | 0.01 J | 0.011 UJ | 0.011 UJ |
| xylene (o) | SW8260B | MG/KG | 0.0052 U | 0.0049 U | 0.0059 U | 0.0052 U | 0.0057 U | 0.0055 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-4/0.5 | TW-4/4.5 | TW-4/10 | TW-4/15 | TW-4/20 | TW-4/20.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 4.5-5 | 10-10.5 | 15-15.5 | 20-20.5 | 20.5-21 |
| | Sample Date | | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | FR |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| Analyte | Method | Units | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 1,1,1-trichloroethane | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 1,1,2,2-tetrachloroethane | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 1,1,2-trichloroethane | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 1,1-dichloroethane | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 1,1-dichloroethene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 1,1-dichloropropene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 1,2,3-trichlorobenzene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 UJ | 0.0055 U | 0.0053 U | 0.0054 U |
| 1,2,3-trichloropropane | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 1,2,4-trichlorobenzene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 UJ | 0.0055 U | 0.0053 U | 0.0054 U |
| 1,2,4-trimethylbenzene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 1,2-dibromo-3-chloropropane | SW8260B | MG/KG | 0.01 U | 0.011 U | 0.012 U | 0.011 U | 0.011 U | 0.011 U |
| 1,2-dibromoethane | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 1,2-dichlorobenzene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 1,2-dichloroethane | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 1,2-dichloropropane | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 1,3,5-trimethylbenzene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 1,3-dichlorobenzene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 1,3-dichloropropane | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 1,4-dichlorobenzene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 2,2-dichloropropane | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 2-butanone | SW8260B | MG/KG | 0.021 U | 0.021 U | 0.025 U | 0.022 U | 0.021 U | 0.022 U |
| 2-chloroethyl vinyl ether | SW8260B | MG/KG | 0.0051 U | 0.0053 UJ | 0.0062 UJ | 0.0055 U | 0.0053 U | 0.0054 U |
| 2-chlorotoluene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 2-hexanone | SW8260B | MG/KG | 0.021 UJ | 0.021 UJ | 0.025 UJ | 0.022 UJ | 0.021 UJ | 0.022 UJ |
| 4-chlorotoluene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| 4-methyl-2-pentanone | SW8260B | MG/KG | 0.021 U | 0.021 U | 0.025 U | 0.022 U | 0.021 U | 0.022 U |
| acetone | SW8260B | MG/KG | 0.021 U | 0.021 U | 0.025 U | 0.022 U | 0.021 U | 0.022 U |
| benzene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| bromobenzene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | TW-4/0.5 | TW-4/4.5 | TW-4/10 | TW-4/15 | TW-4/20 | TW-4/20.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 4.5-5 | 10-10.5 | 15-15.5 | 20-20.5 | 20.5-21 |
| | Sample Date | | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | FR |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| Analyte | Method | Units | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| bromochloromethane | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| bromodichloromethane | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| bromoform | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| bromomethane | SW8260B | MG/KG | 0.01 U | 0.011 U | 0.012 U | 0.011 U | 0.011 U | 0.011 U |
| carbon disulfide | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| carbon tetrachloride | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| chlorobenzene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| chloroethane | SW8260B | MG/KG | 0.01 U | 0.011 U | 0.012 U | 0.011 U | 0.011 U | 0.011 U |
| chloroform | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| chloromethane | SW8260B | MG/KG | 0.01 U | 0.011 U | 0.012 UJ | 0.011 U | 0.011 U | 0.011 U |
| cis-1,2-dichloroethene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| cis-1,3-dichloropropene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| dibromochloromethane | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| dibromomethane | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| dichlorodifluoromethane | SW8260B | MG/KG | 0.01 UJ | 0.011 U | 0.012 UJ | 0.011 UJ | 0.011 UJ | 0.011 UJ |
| ethylbenzene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| ethylene dibromide | SW8260B | MG/KG | | | | | | |
| Freon 113 | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| hexachlorobutadiene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| isopropylbenzene (cumene) | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| methylene chloride | SW8260B | MG/KG | 0.021 U | 0.021 UJ | 0.025 U | 0.022 U | 0.021 U | 0.022 U |
| n-butylbenzene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| n-propylbenzene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| naphthalene | SW8260B | MG/KG | 0.01 U | 0.011 U | 0.012 UJ | 0.011 U | 0.011 U | 0.011 U |
| p-cymene (p-isopropyltoluene) | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| sec-butylbenzene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| styrene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| t-butylbenzene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| tert-butyl methyl ether | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-4/0.5 | TW-4/4.5 | TW-4/10 | TW-4/15 | TW-4/20 | TW-4/20.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 4.5-5 | 10-10.5 | 15-15.5 | 20-20.5 | 20.5-21 |
| | Sample Date | | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | FR |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| Analyte | Method | Units | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| tetrachloroethene (PCE) | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| toluene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| trans-1,2-dichloroethene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| trans-1,3-dichloropropene | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| trichloroethene (TCE) | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |
| trichlorofluoromethane | SW8260B | MG/KG | 0.01 U | 0.011 U | 0.012 U | 0.011 U | 0.011 U | 0.011 U |
| vinyl acetate | SW8260B | MG/KG | 0.01 UJ | 0.011 UJ | 0.012 UR | 0.011 UJ | 0.011 UJ | 0.011 UJ |
| vinyl chloride | SW8260B | MG/KG | 0.01 U | 0.011 U | 0.012 UJ | 0.011 U | 0.011 U | 0.011 U |
| xylene (m,p) | SW8260B | MG/KG | 0.01 UJ | 0.011 UJ | 0.012 UJ | 0.011 UJ | 0.011 UJ | 0.011 UJ |
| xylene (o) | SW8260B | MG/KG | 0.0051 U | 0.0053 U | 0.0062 U | 0.0055 U | 0.0053 U | 0.0054 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-5/0.5 | TW-5/5 | TW-5/10 | TW-5/14.5 | TW-6/0.5 | TW-6/4 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 5-5.5 | 10-10.5 | 14.5-15 | 0.5-1 | 4-4.5 |
| | Sample Date | | 12/09/99 | 12/09/99 | 12/09/99 | 12/09/99 | 12/08/99 | 12/08/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| Analyte | Method | Units | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 1,1,1-trichloroethane | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 1,1,2,2-tetrachloroethane | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 1,1,2-trichloroethane | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 1,1-dichloroethane | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 1,1-dichloroethene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 1,1-dichloropropene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 1,2,3-trichlorobenzene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 1,2,3-trichloropropane | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 1,2,4-trichlorobenzene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 1,2,4-trimethylbenzene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 1,2-dibromo-3-chloropropane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.013 U | 0.013 U | 0.011 U | 0.01 U |
| 1,2-dibromoethane | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 1,2-dichlorobenzene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 1,2-dichloroethane | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 1,2-dichloropropane | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 1,3,5-trimethylbenzene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 1,3-dichlorobenzene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 1,3-dichloropropane | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 1,4-dichlorobenzene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 2,2-dichloropropane | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 2-butanone | SW8260B | MG/KG | 0.023 U | 0.021 U | 0.027 U | 0.026 U | 0.022 U | 0.021 U |
| 2-chloroethyl vinyl ether | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 2-chlorotoluene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 2-hexanone | SW8260B | MG/KG | 0.023 UJ | 0.021 UJ | 0.027 UJ | 0.026 UJ | 0.022 UJ | 0.021 UJ |
| 4-chlorotoluene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| 4-methyl-2-pentanone | SW8260B | MG/KG | 0.023 U | 0.021 U | 0.027 U | 0.026 U | 0.022 U | 0.021 U |
| acetone | SW8260B | MG/KG | 0.023 U | 0.021 U | 0.027 U | 0.026 U | 0.022 U | 0.021 U |
| benzene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| bromobenzene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | TW-5/0.5 | TW-5/5 | TW-5/10 | TW-5/14.5 | TW-6/0.5 | TW-6/4 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 5-5.5 | 10-10.5 | 14.5-15 | 0.5-1 | 4-4.5 |
| | Sample Date | | 12/09/99 | 12/09/99 | 12/09/99 | 12/09/99 | 12/08/99 | 12/08/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| Analyte | Method | Units | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| bromochloromethane | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| bromodichloromethane | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| bromoform | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| bromomethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.013 U | 0.013 U | 0.011 U | 0.01 U |
| carbon disulfide | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| carbon tetrachloride | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| chlorobenzene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| chloroethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.013 U | 0.013 U | 0.011 U | 0.01 U |
| chloroform | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| chloromethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.013 U | 0.013 U | 0.011 U | 0.01 U |
| cis-1,2-dichloroethene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| cis-1,3-dichloropropene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| dibromochloromethane | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| dibromomethane | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| dichlorodifluoromethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.013 U | 0.013 U | 0.011 U | 0.01 U |
| ethylbenzene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| ethylene dibromide | SW8260B | MG/KG | | | | | | |
| Freon 113 | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| hexachlorobutadiene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| isopropylbenzene (cumene) | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| methylene chloride | SW8260B | MG/KG | 0.031 UJ | 0.031 UJ | 0.035 UJ | 0.037 UJ | 0.022 U | 0.021 U |
| n-butylbenzene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| n-propylbenzene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| naphthalene | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.013 U | 0.013 U | 0.011 U | 0.01 U |
| p-cymene (p-isopropyltoluene) | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| sec-butylbenzene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| styrene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| t-butylbenzene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| tert-butyl methyl ether | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-5/0.5 | TW-5/5 | TW-5/10 | TW-5/14.5 | TW-6/0.5 | TW-6/4 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 5-5.5 | 10-10.5 | 14.5-15 | 0.5-1 | 4-4.5 |
| | Sample Date | | 12/09/99 | 12/09/99 | 12/09/99 | 12/09/99 | 12/08/99 | 12/08/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| Analyte | Method | Units | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| tetrachloroethene (PCE) | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| toluene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| trans-1,2-dichloroethene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| trans-1,3-dichloropropene | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| trichloroethene (TCE) | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |
| trichlorofluoromethane | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.013 U | 0.013 U | 0.011 U | 0.01 U |
| vinyl acetate | SW8260B | MG/KG | 0.012 UJ | 0.011 UJ | 0.013 UJ | 0.013 UJ | 0.011 UJ | 0.01 UJ |
| vinyl chloride | SW8260B | MG/KG | 0.012 U | 0.011 U | 0.013 U | 0.013 U | 0.011 U | 0.01 U |
| xylene (m,p) | SW8260B | MG/KG | 0.012 UJ | 0.011 UJ | 0.013 UJ | 0.013 UJ | 0.011 UJ | 0.01 UJ |
| xylene (o) | SW8260B | MG/KG | 0.0058 U | 0.0054 U | 0.0067 U | 0.0066 U | 0.0054 U | 0.0052 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-6/8.5 | TW-7/0.5 | TW-7/4 | TW-7/7 | TW-8/15.5 | TW-9/11 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 8.5-9 | 0.5-1 | 4-4.5 | 7-7.5 | 15.5-16 | 11-11.5 |
| | Sample Date | | 12/08/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/09/99 | 12/10/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| Analyte | Method | Units | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 1,1,1-trichloroethane | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 1,1,2,2-tetrachloroethane | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 1,1,2-trichloroethane | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 1,1-dichloroethane | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 1,1-dichloroethene | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 1,1-dichloropropene | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 1,2,3-trichlorobenzene | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 1,2,3-trichloropropane | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 1,2,4-trichlorobenzene | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 1,2,4-trimethylbenzene | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 1,2-dibromo-3-chloropropane | SW8260B | MG/KG | 0.011 U | 0.011 UJ | 0.012 U | 0.023 U | 0.012 U | 0.011 U |
| 1,2-dibromoethane | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 1,2-dichlorobenzene | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 1,2-dichloroethane | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 1,2-dichloropropane | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 1,3,5-trimethylbenzene | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 1,3-dichlorobenzene | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 1,3-dichloropropane | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 1,4-dichlorobenzene | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 2,2-dichloropropane | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 2-butanone | SW8260B | MG/KG | 0.022 U | 0.021 U | 0.024 U | 0.046 U | 0.023 U | 0.021 U |
| 2-chloroethyl vinyl ether | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 2-chlorotoluene | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 2-hexanone | SW8260B | MG/KG | 0.022 UJ | 0.021 UJ | 0.024 UJ | 0.046 UJ | 0.023 UJ | 0.021 UJ |
| 4-chlorotoluene | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| 4-methyl-2-pentanone | SW8260B | MG/KG | 0.022 U | 0.021 U | 0.024 U | 0.046 U | 0.023 U | 0.021 U |
| acetone | SW8260B | MG/KG | 0.022 U | 0.021 U | 0.024 U | 0.046 U | 0.023 U | 0.021 U |
| benzene | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| bromobenzene | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-6/8.5 | TW-7/0.5 | TW-7/4 | TW-7/7 | TW-8/15.5 | TW-9/11 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 8.5-9 | 0.5-1 | 4-4.5 | 7-7.5 | 15.5-16 | 11-11.5 |
| | Sample Date | | 12/08/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/09/99 | 12/10/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| Analyte | Method | Units | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| bromochloromethane | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| bromodichloromethane | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| bromoform | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| bromomethane | SW8260B | MG/KG | 0.011 U | 0.011 U | 0.012 U | 0.023 U | 0.012 U | 0.011 U |
| carbon disulfide | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| carbon tetrachloride | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| chlorobenzene | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| chloroethane | SW8260B | MG/KG | 0.011 U | 0.011 U | 0.012 U | 0.023 U | 0.012 U | 0.011 U |
| chloroform | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| chloromethane | SW8260B | MG/KG | 0.011 U | 0.011 U | 0.012 U | 0.023 U | 0.012 U | 0.011 U |
| cis-1,2-dichloroethene | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| cis-1,3-dichloropropene | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| dibromochloromethane | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| dibromomethane | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| dichlorodifluoromethane | SW8260B | MG/KG | 0.011 U | 0.011 UJ | 0.012 UJ | 0.023 UJ | 0.012 U | 0.011 U |
| ethylbenzene | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| ethylene dibromide | SW8260B | MG/KG | | | | | | |
| Freon 113 | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| hexachlorobutadiene | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| isopropylbenzene (cumene) | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| methylene chloride | SW8260B | MG/KG | 0.022 U | 0.021 U | 0.024 U | 0.046 U | 0.023 UR | 0.021 U |
| n-butylbenzene | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| n-propylbenzene | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| naphthalene | SW8260B | MG/KG | 0.011 U | 0.011 UJ | 0.012 U | 0.023 U | 0.012 U | 0.011 U |
| p-cymene (p-isopropyltoluene) | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| sec-butylbenzene | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| styrene | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| t-butylbenzene | SW8260B | MG/KG | 0.0055 U | 0.0053 UJ | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| tert-butyl methyl ether | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | TW-6/8.5 | TW-7/0.5 | TW-7/4 | TW-7/7 | TW-8/15.5 | TW-9/11 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 8.5-9 | 0.5-1 | 4-4.5 | 7-7.5 | 15.5-16 | 11-11.5 |
| | Sample Date | | 12/08/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/09/99 | 12/10/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| Analyte | Method | Units | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| tetrachloroethene (PCE) | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| toluene | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| trans-1,2-dichloroethene | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| trans-1,3-dichloropropene | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| trichloroethene (TCE) | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |
| trichlorofluoromethane | SW8260B | MG/KG | 0.011 U | 0.011 U | 0.012 U | 0.023 U | 0.012 U | 0.011 U |
| vinyl acetate | SW8260B | MG/KG | 0.011 UJ | 0.011 UJ | 0.012 UJ | 0.023 UJ | 0.012 UJ | 0.011 UJ |
| vinyl chloride | SW8260B | MG/KG | 0.011 U | 0.011 U | 0.012 U | 0.023 U | 0.012 U | 0.011 U |
| xylene (m,p) | SW8260B | MG/KG | 0.011 UJ | 0.011 UJ | 0.012 UJ | 0.023 UJ | 0.012 UJ | 0.011 UJ |
| xylene (o) | SW8260B | MG/KG | 0.0055 U | 0.0053 U | 0.0059 U | 0.011 U | 0.0058 U | 0.0053 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-1/17.5 | MW-1/21 | MW-1/24 | MW-2/4 | MW-2/4.5 | MW-2/10 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 17.5-18 | 21-21.5 | 24-24.5 | 4-4.5 | 4.5-5 | 10-10.5 |
| | Sample Date | | 2/23/00 | 2/23/00 | 2/23/00 | 2/22/00 | 2/22/00 | 2/22/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS1 |
| Analyte | Method | Units | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 1,1,1-trichloroethane | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 1,1,2,2-tetrachloroethane | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 1,1,2-trichloroethane | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 1,1-dichloroethane | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 1,1-dichloroethene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 1,1-dichloropropene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 1,2,3-trichlorobenzene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 1,2,3-trichloropropane | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 1,2,4-trichlorobenzene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 1,2,4-trimethylbenzene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 1,2-dibromo-3-chloropropane | SW8260B | MG/KG | 0.012 U | 0.009 U | 0.011 U | 0.012 U | 0.012 U | 0.014 U |
| 1,2-dibromoethane | SW8260B | MG/KG | | | | | | |
| 1,2-dichlorobenzene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 1,2-dichloroethane | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 1,2-dichloropropane | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 1,3,5-trimethylbenzene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 1,3-dichlorobenzene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 1,3-dichloropropane | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 1,4-dichlorobenzene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 2,2-dichloropropane | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 2-butanone | SW8260B | MG/KG | 0.023 UJ | 0.018 U | 0.022 U | 0.023 U | 0.024 U | 0.028 U |
| 2-chloroethyl vinyl ether | SW8260B | MG/KG | 0.023 U | 0.018 U | 0.022 U | 0.023 UR | 0.024 UR | 0.028 UR |
| 2-chlorotoluene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 2-hexanone | SW8260B | MG/KG | 0.023 U | 0.018 U | 0.022 U | 0.023 U | 0.024 U | 0.028 U |
| 4-chlorotoluene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| 4-methyl-2-pentanone | SW8260B | MG/KG | 0.023 U | 0.018 U | 0.022 U | 0.023 U | 0.024 U | 0.028 U |
| acetone | SW8260B | MG/KG | 0.011 UJ | 0.0045 UJ | 0.022 U | 0.023 U | 0.024 U | 0.0087 UJ |
| benzene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| bromobenzene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-1/17.5 | MW-1/21 | MW-1/24 | MW-2/4 | MW-2/4.5 | MW-2/10 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 17.5-18 | 21-21.5 | 24-24.5 | 4-4.5 | 4.5-5 | 10-10.5 |
| | Sample Date | | 2/23/00 | 2/23/00 | 2/23/00 | 2/22/00 | 2/22/00 | 2/22/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS1 |
| Analyte | Method | Units | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| bromochloromethane | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| bromodichloromethane | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| bromoform | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| bromomethane | SW8260B | MG/KG | 0.012 U | 0.009 U | 0.011 U | 0.012 U | 0.012 U | 0.014 U |
| carbon disulfide | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| carbon tetrachloride | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| chlorobenzene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| chloroethane | SW8260B | MG/KG | 0.012 U | 0.009 U | 0.011 U | 0.012 U | 0.012 U | 0.014 U |
| chloroform | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| chloromethane | SW8260B | MG/KG | 0.012 U | 0.009 U | 0.011 U | 0.012 U | 0.012 U | 0.014 U |
| cis-1,2-dichloroethene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| cis-1,3-dichloropropene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| dibromochloromethane | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| dibromomethane | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| dichlorodifluoromethane | SW8260B | MG/KG | 0.012 U | 0.009 U | 0.011 U | 0.012 U | 0.012 U | 0.014 U |
| ethylbenzene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| ethylene dibromide | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| Freon 113 | SW8260B | MG/KG | 0.012 U | 0.009 U | 0.011 U | 0.012 U | 0.012 U | 0.014 U |
| hexachlorobutadiene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| isopropylbenzene (cumene) | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| methylene chloride | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| n-butylbenzene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| n-propylbenzene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| naphthalene | SW8260B | MG/KG | 0.012 U | 0.00094 UJ | 0.011 U | 0.0018 UJ | 0.0013 UJ | 0.014 U |
| p-cymene (p-isopropyltoluene) | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| sec-butylbenzene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| styrene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| t-butylbenzene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| tert-butyl methyl ether | SW8260B | MG/KG | 0.012 U | 0.009 U | 0.011 U | 0.012 U | 0.012 U | 0.014 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-1/17.5 | MW-1/21 | MW-1/24 | MW-2/4 | MW-2/4.5 | MW-2/10 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 17.5-18 | 21-21.5 | 24-24.5 | 4-4.5 | 4.5-5 | 10-10.5 |
| | Sample Date | | 2/23/00 | 2/23/00 | 2/23/00 | 2/22/00 | 2/22/00 | 2/22/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS1 |
| Analyte | Method | Units | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| tetrachloroethene (PCE) | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| toluene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| trans-1,2-dichloroethene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| trans-1,3-dichloropropene | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| trichloroethene (TCE) | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| trichlorofluoromethane | SW8260B | MG/KG | 0.012 U | 0.009 U | 0.011 U | 0.012 U | 0.012 U | 0.014 U |
| vinyl acetate | SW8260B | MG/KG | 0.012 U | 0.009 UJ | 0.011 UJ | 0.012 U | 0.012 U | 0.014 U |
| vinyl chloride | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |
| xylene (m,p) | SW8260B | MG/KG | 0.012 U | 0.009 U | 0.011 U | 0.012 U | 0.012 U | 0.014 U |
| xylene (o) | SW8260B | MG/KG | 0.0058 U | 0.0045 U | 0.0056 U | 0.0058 U | 0.0059 U | 0.007 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-2/15 | MW-2/20 | MW-8/0.5 | MW-8/4 | MW-8/10 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 15-15.5 | 19.5-20 | 0.5-1 | 4-4.5 | 10-10.5 |
| | Sample Date | | 2/22/00 | 2/22/00 | 2/24/00 | 2/24/00 | 2/24/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS1 |
| Analyte | Method | Units | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 1,1,1-trichloroethane | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 1,1,2,2-tetrachloroethane | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 1,1,2-trichloroethane | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 1,1-dichloroethane | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 1,1-dichloroethene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 1,1-dichloropropene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 1,2,3-trichlorobenzene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 1,2,3-trichloropropane | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 1,2,4-trichlorobenzene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 1,2,4-trimethylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 1,2-dibromo-3-chloropropane | SW8260B | MG/KG | 0.012 U | 0.013 U | 0.018 U | 0.012 U | 0.012 U |
| 1,2-dibromoethane | SW8260B | MG/KG | | | | | |
| 1,2-dichlorobenzene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 1,2-dichloroethane | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 1,2-dichloropropane | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 1,3,5-trimethylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 1,3-dichlorobenzene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 1,3-dichloropropane | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 1,4-dichlorobenzene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 2,2-dichloropropane | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 2-butanone | SW8260B | MG/KG | 0.025 U | 0.026 U | 0.036 U | 0.025 U | 0.024 U |
| 2-chloroethyl vinyl ether | SW8260B | MG/KG | 0.025 UR | 0.026 UR | 0.036 U | 0.025 U | 0.024 U |
| 2-chlorotoluene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 2-hexanone | SW8260B | MG/KG | 0.025 U | 0.026 U | 0.036 U | 0.025 U | 0.024 U |
| 4-chlorotoluene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| 4-methyl-2-pentanone | SW8260B | MG/KG | 0.025 U | 0.026 U | 0.036 U | 0.025 U | 0.024 U |
| acetone | SW8260B | MG/KG | 0.01 UJ | 0.0081 UJ | 0.036 U | 0.025 U | 0.024 U |
| benzene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| bromobenzene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-2/15 | MW-2/20 | MW-8/0.5 | MW-8/4 | MW-8/10 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 15-15.5 | 19.5-20 | 0.5-1 | 4-4.5 | 10-10.5 |
| | Sample Date | | 2/22/00 | 2/22/00 | 2/24/00 | 2/24/00 | 2/24/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS1 |
| Analyte | Method | Units | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| bromochloromethane | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| bromodichloromethane | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| bromoform | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| bromomethane | SW8260B | MG/KG | 0.012 U | 0.013 U | 0.018 U | 0.012 U | 0.012 U |
| carbon disulfide | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| carbon tetrachloride | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| chlorobenzene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| chloroethane | SW8260B | MG/KG | 0.012 U | 0.013 U | 0.018 U | 0.012 U | 0.012 U |
| chloroform | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| chloromethane | SW8260B | MG/KG | 0.012 U | 0.013 U | 0.018 U | 0.012 U | 0.012 U |
| cis-1,2-dichloroethene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| cis-1,3-dichloropropene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| dibromochloromethane | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| dibromomethane | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| dichlorodifluoromethane | SW8260B | MG/KG | 0.012 U | 0.013 U | 0.018 U | 0.012 U | 0.012 U |
| ethylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| ethylene dibromide | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| Freon 113 | SW8260B | MG/KG | 0.012 U | 0.013 U | 0.018 U | 0.012 U | 0.012 U |
| hexachlorobutadiene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| isopropylbenzene (cumene) | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| methylene chloride | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| n-butylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| n-propylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| naphthalene | SW8260B | MG/KG | 0.012 U | 0.013 U | 0.0013 UJ | 0.012 U | 0.012 U |
| p-cymene (p-isopropyltoluene) | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| sec-butylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| styrene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| t-butylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| tert-butyl methyl ether | SW8260B | MG/KG | 0.012 U | 0.013 U | 0.018 U | 0.012 U | 0.012 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | MW-2/15 | MW-2/20 | MW-8/0.5 | MW-8/4 | MW-8/10 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 15-15.5 | 19.5-20 | 0.5-1 | 4-4.5 | 10-10.5 |
| | Sample Date | | 2/22/00 | 2/22/00 | 2/24/00 | 2/24/00 | 2/24/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS1 |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| tetrachloroethene (PCE) | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| toluene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| trans-1,2-dichloroethene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| trans-1,3-dichloropropene | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| trichloroethene (TCE) | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| trichlorofluoromethane | SW8260B | MG/KG | 0.012 U | 0.013 U | 0.018 U | 0.012 U | 0.012 U |
| vinyl acetate | SW8260B | MG/KG | 0.012 U | 0.013 U | 0.018 UJ | 0.012 UJ | 0.012 UJ |
| vinyl chloride | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |
| xylene (m,p) | SW8260B | MG/KG | 0.012 U | 0.013 U | 0.018 U | 0.012 U | 0.012 U |
| xylene (o) | SW8260B | MG/KG | 0.0062 U | 0.0065 U | 0.009 U | 0.0062 U | 0.0059 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-8/15 | MW-9/4 | MW-9/10 | MW-9/15 | MW-3A/3.5 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 15-15.5 | 4-4.5 | 10-10.5 | 15-15.5 | 3.5-4 |
| | Sample Date | | 2/24/00 | 2/25/00 | 2/25/00 | 2/25/00 | 4/03/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS2 |
| Analyte | Method | Units | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 1,1,1-trichloroethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 1,1,2,2-tetrachloroethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 1,1,2-trichloroethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 1,1-dichloroethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 1,1-dichloroethene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 1,1-dichloropropene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 1,2,3-trichlorobenzene | SW8260B | MG/KG | 0.0059 U | 0.0023 J | 0.0059 U | 0.0057 U | 0.0063 U |
| 1,2,3-trichloropropane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 1,2,4-trichlorobenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 1,2,4-trimethylbenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 1,2-dibromo-3-chloropropane | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.012 U | 0.011 U | 0.013 U |
| 1,2-dibromoethane | SW8260B | MG/KG | | | | | |
| 1,2-dichlorobenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 1,2-dichloroethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 1,2-dichloropropane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 1,3,5-trimethylbenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 1,3-dichlorobenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 1,3-dichloropropane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 1,4-dichlorobenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 2,2-dichloropropane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 2-butanone | SW8260B | MG/KG | 0.024 U | 0.029 UJ | 0.023 UJ | 0.023 UJ | 0.0071 J |
| 2-chloroethyl vinyl ether | SW8260B | MG/KG | 0.024 U | 0.029 U | 0.023 U | 0.023 U | 0.025 UR |
| 2-chlorotoluene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 2-hexanone | SW8260B | MG/KG | 0.024 U | 0.029 U | 0.023 U | 0.023 U | 0.025 U |
| 4-chlorotoluene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| 4-methyl-2-pentanone | SW8260B | MG/KG | 0.024 U | 0.029 U | 0.023 U | 0.023 U | 0.025 U |
| acetone | SW8260B | MG/KG | 0.024 U | 0.024 UJ | 0.016 UJ | 0.0085 UJ | 0.041 UJ |
| benzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| bromobenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-8/15 | MW-9/4 | MW-9/10 | MW-9/15 | MW-3A/3.5 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 15-15.5 | 4-4.5 | 10-10.5 | 15-15.5 | 3.5-4 |
| | Sample Date | | 2/24/00 | 2/25/00 | 2/25/00 | 2/25/00 | 4/03/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS2 |
| Analyte | Method | Units | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| bromochloromethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| bromodichloromethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| bromoform | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| bromomethane | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.012 U | 0.011 U | 0.013 U |
| carbon disulfide | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 UJ |
| carbon tetrachloride | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| chlorobenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| chloroethane | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.012 U | 0.011 U | 0.013 U |
| chloroform | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| chloromethane | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.012 U | 0.011 U | 0.013 U |
| cis-1,2-dichloroethene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| cis-1,3-dichloropropene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| dibromochloromethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| dibromomethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| dichlorodifluoromethane | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.012 U | 0.011 U | 0.013 U |
| ethylbenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| ethylene dibromide | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| Freon 113 | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.012 U | 0.011 U | 0.013 UJ |
| hexachlorobutadiene | SW8260B | MG/KG | 0.0059 U | 0.0015 UJ | 0.0059 U | 0.0057 U | 0.0063 U |
| isopropylbenzene (cumene) | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| methylene chloride | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| n-butylbenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| n-propylbenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| naphthalene | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.012 U | 0.011 U | 0.013 U |
| p-cymene (p-isopropyltoluene) | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| sec-butylbenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| styrene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| t-butylbenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| tert-butyl methyl ether | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.012 U | 0.011 U | 0.013 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | MW-8/15 | MW-9/4 | MW-9/10 | MW-9/15 | MW-3A/3.5 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 15-15.5 | 4-4.5 | 10-10.5 | 15-15.5 | 3.5-4 |
| | Sample Date | | 2/24/00 | 2/25/00 | 2/25/00 | 2/25/00 | 4/03/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS2 |
| Analyte | Method | Units | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| tetrachloroethene (PCE) | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| toluene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| trans-1,2-dichloroethene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| trans-1,3-dichloropropene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| trichloroethene (TCE) | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| trichlorofluoromethane | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.012 U | 0.011 U | 0.013 U |
| vinyl acetate | SW8260B | MG/KG | 0.012 UJ | 0.015 U | 0.012 U | 0.011 U | 0.013 UJ |
| vinyl chloride | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |
| xylene (m,p) | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.012 U | 0.011 U | 0.013 U |
| xylene (o) | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0059 U | 0.0057 U | 0.0063 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-3A/5 | MW-3A/5.5 | MW-3A/10 | MW-3A/15 | MW-3A/20 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 5-5.5 | 5.5-6 | 10-10.5 | 15-15.5 | 20-20.5 |
| | Sample Date | | 4/03/00 | 4/03/00 | 4/03/00 | 4/03/00 | 4/03/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | FR | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| Analyte | Method | Units | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 1,1,1-trichloroethane | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 1,1,2,2-tetrachloroethane | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 1,1,2-trichloroethane | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 1,1-dichloroethane | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 1,1-dichloroethene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 1,1-dichloropropene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 1,2,3-trichlorobenzene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 1,2,3-trichloropropane | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 1,2,4-trichlorobenzene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.00093 J | 0.0056 U |
| 1,2,4-trimethylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 1,2-dibromo-3-chloropropane | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.011 U |
| 1,2-dibromoethane | SW8260B | MG/KG | | | | | |
| 1,2-dichlorobenzene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 1,2-dichloroethane | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 1,2-dichloropropane | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 1,3,5-trimethylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 1,3-dichlorobenzene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 1,3-dichloropropane | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 1,4-dichlorobenzene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 2,2-dichloropropane | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 2-butanone | SW8260B | MG/KG | 0.025 U | 0.0063 J | 0.024 U | 0.0082 J | 0.022 U |
| 2-chloroethyl vinyl ether | SW8260B | MG/KG | 0.025 UR | 0.025 UR | 0.024 UR | 0.022 UR | 0.022 UR |
| 2-chlorotoluene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 2-hexanone | SW8260B | MG/KG | 0.025 U | 0.025 U | 0.024 U | 0.022 U | 0.022 U |
| 4-chlorotoluene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| 4-methyl-2-pentanone | SW8260B | MG/KG | 0.025 U | 0.025 U | 0.024 U | 0.022 U | 0.022 U |
| acetone | SW8260B | MG/KG | 0.033 UJ | 0.04 UJ | 0.033 UJ | 0.037 UJ | 0.011 UJ |
| benzene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| bromobenzene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-3A/5 | MW-3A/5.5 | MW-3A/10 | MW-3A/15 | MW-3A/20 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 5-5.5 | 5.5-6 | 10-10.5 | 15-15.5 | 20-20.5 |
| | Sample Date | | 4/03/00 | 4/03/00 | 4/03/00 | 4/03/00 | 4/03/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | FR | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| Analyte | Method | Units | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| bromochloromethane | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| bromodichloromethane | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| bromoform | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| bromomethane | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.011 U |
| carbon disulfide | SW8260B | MG/KG | 0.0062 UJ | 0.0062 UJ | 0.0059 UJ | 0.0055 UJ | 0.0056 UJ |
| carbon tetrachloride | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| chlorobenzene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| chloroethane | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.011 U |
| chloroform | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| chloromethane | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.011 U |
| cis-1,2-dichloroethene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| cis-1,3-dichloropropene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| dibromochloromethane | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| dibromomethane | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| dichlorodifluoromethane | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.011 U |
| ethylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| ethylene dibromide | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| Freon 113 | SW8260B | MG/KG | 0.012 UJ | 0.012 UJ | 0.012 UJ | 0.011 UJ | 0.011 UJ |
| hexachlorobutadiene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| isopropylbenzene (cumene) | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| methylene chloride | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| n-butylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| n-propylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| naphthalene | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.011 U |
| p-cymene (p-isopropyltoluene) | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| sec-butylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| styrene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| t-butylbenzene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| tert-butyl methyl ether | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.011 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-3A/5 | MW-3A/5.5 | MW-3A/10 | MW-3A/15 | MW-3A/20 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 5-5.5 | 5.5-6 | 10-10.5 | 15-15.5 | 20-20.5 |
| | Sample Date | | 4/03/00 | 4/03/00 | 4/03/00 | 4/03/00 | 4/03/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | FR | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| Analyte | Method | Units | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| tetrachloroethene (PCE) | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| toluene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| trans-1,2-dichloroethene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| trans-1,3-dichloropropene | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| trichloroethene (TCE) | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| trichlorofluoromethane | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.011 U |
| vinyl acetate | SW8260B | MG/KG | 0.012 UJ | 0.012 UJ | 0.012 UJ | 0.011 UJ | 0.011 UJ |
| vinyl chloride | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |
| xylene (m,p) | SW8260B | MG/KG | 0.012 U | 0.012 U | 0.012 U | 0.011 U | 0.011 U |
| xylene (o) | SW8260B | MG/KG | 0.0062 U | 0.0062 U | 0.0059 U | 0.0055 U | 0.0056 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-13/4 | MW-13/4.5 | MW-13/10 | MW-13/15 | MW-14/4 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 4-4.5 | 4.5-5 | 10-10.5 | 15-15.5 | 4-4.5 |
| | Sample Date | | 3/29/00 | 3/29/00 | 3/29/00 | 3/29/00 | 3/30/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | FR | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| Analyte | Method | Units | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 1,1,1-trichloroethane | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 1,1,2,2-tetrachloroethane | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 1,1,2-trichloroethane | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 1,1-dichloroethane | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 1,1-dichloroethene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 1,1-dichloropropene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 1,2,3-trichlorobenzene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 1,2,3-trichloropropane | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 1,2,4-trichlorobenzene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 1,2,4-trimethylbenzene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 1,2-dibromo-3-chloropropane | SW8260B | MG/KG | 0.011 U | 0.011 U | 0.011 UJ | 0.011 U | 0.012 U |
| 1,2-dibromoethane | SW8260B | MG/KG | | | | | |
| 1,2-dichlorobenzene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 1,2-dichloroethane | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 1,2-dichloropropane | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 1,3,5-trimethylbenzene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 1,3-dichlorobenzene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 1,3-dichloropropane | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 1,4-dichlorobenzene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 2,2-dichloropropane | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 2-butanone | SW8260B | MG/KG | 0.022 U | 0.022 U | 0.022 UJ | 0.023 U | 0.024 U |
| 2-chloroethyl vinyl ether | SW8260B | MG/KG | 0.022 UJ | 0.022 UJ | 0.022 UJ | 0.023 UJ | 0.024 UJ |
| 2-chlorotoluene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 2-hexanone | SW8260B | MG/KG | 0.022 U | 0.022 U | 0.022 UJ | 0.023 U | 0.024 U |
| 4-chlorotoluene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| 4-methyl-2-pentanone | SW8260B | MG/KG | 0.022 U | 0.022 U | 0.022 UJ | 0.023 U | 0.024 U |
| acetone | SW8260B | MG/KG | 0.021 UJ | 0.014 UJ | 0.017 UJ | 0.016 UJ | 0.018 UJ |
| benzene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| bromobenzene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-13/4 | MW-13/4.5 | MW-13/10 | MW-13/15 | MW-14/4 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 4-4.5 | 4.5-5 | 10-10.5 | 15-15.5 | 4-4.5 |
| | Sample Date | | 3/29/00 | 3/29/00 | 3/29/00 | 3/29/00 | 3/30/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | FR | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| Analyte | Method | Units | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| bromochloromethane | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| bromodichloromethane | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| bromoform | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| bromomethane | SW8260B | MG/KG | 0.011 U | 0.011 U | 0.011 UJ | 0.011 U | 0.012 U |
| carbon disulfide | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| carbon tetrachloride | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| chlorobenzene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| chloroethane | SW8260B | MG/KG | 0.011 U | 0.011 U | 0.011 UJ | 0.011 U | 0.012 U |
| chloroform | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| chloromethane | SW8260B | MG/KG | 0.011 U | 0.011 U | 0.011 UJ | 0.011 U | 0.012 U |
| cis-1,2-dichloroethene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| cis-1,3-dichloropropene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| dibromochloromethane | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| dibromomethane | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| dichlorodifluoromethane | SW8260B | MG/KG | 0.011 U | 0.011 U | 0.011 UJ | 0.011 U | 0.012 U |
| ethylbenzene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| ethylene dibromide | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| Freon 113 | SW8260B | MG/KG | 0.011 U | 0.011 U | 0.011 UJ | 0.011 U | 0.012 U |
| hexachlorobutadiene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| isopropylbenzene (cumene) | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| methylene chloride | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| n-butylbenzene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| n-propylbenzene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| naphthalene | SW8260B | MG/KG | 0.011 U | 0.011 U | 0.011 UJ | 0.011 U | 0.012 U |
| p-cymene (p-isopropyltoluene) | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| sec-butylbenzene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| styrene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| t-butylbenzene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| tert-butyl methyl ether | SW8260B | MG/KG | 0.011 U | 0.011 U | 0.011 UJ | 0.011 U | 0.012 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-13/4 | MW-13/4.5 | MW-13/10 | MW-13/15 | MW-14/4 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 4-4.5 | 4.5-5 | 10-10.5 | 15-15.5 | 4-4.5 |
| | Sample Date | | 3/29/00 | 3/29/00 | 3/29/00 | 3/29/00 | 3/30/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | FR | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| tetrachloroethene (PCE) | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| toluene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| trans-1,2-dichloroethene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| trans-1,3-dichloropropene | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| trichloroethene (TCE) | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| trichlorofluoromethane | SW8260B | MG/KG | 0.011 U | 0.011 U | 0.011 UJ | 0.011 U | 0.012 U |
| vinyl acetate | SW8260B | MG/KG | 0.011 U | 0.011 U | 0.011 UJ | 0.011 U | 0.012 U |
| vinyl chloride | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |
| xylene (m,p) | SW8260B | MG/KG | 0.011 U | 0.011 U | 0.011 UJ | 0.011 U | 0.012 U |
| xylene (o) | SW8260B | MG/KG | 0.0056 U | 0.0056 U | 0.0054 UJ | 0.0057 U | 0.006 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | MW-14/10 | MW-15/4 | MW-15/10 | MW-15/15 | MW-15/20 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 4-4.5 | 10-10.5 | 15-15.5 | 20-20.5 |
| | Sample Date | | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| Analyte | Method | Units | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 1,1,1-trichloroethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 1,1,2,2-tetrachloroethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 1,1,2-trichloroethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 1,1-dichloroethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 1,1-dichloroethene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 1,1-dichloropropene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 1,2,3-trichlorobenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 1,2,3-trichloropropane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 1,2,4-trichlorobenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 1,2,4-trimethylbenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 1,2-dibromo-3-chloropropane | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.013 U | 0.014 U | 0.014 U |
| 1,2-dibromoethane | SW8260B | MG/KG | | | | | |
| 1,2-dichlorobenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 1,2-dichloroethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 1,2-dichloropropane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 1,3,5-trimethylbenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 1,3-dichlorobenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 1,3-dichloropropane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 1,4-dichlorobenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 2,2-dichloropropane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 2-butanone | SW8260B | MG/KG | 0.024 U | 0.029 U | 0.026 U | 0.028 U | 0.028 U |
| 2-chloroethyl vinyl ether | SW8260B | MG/KG | 0.024 UJ | 0.029 UJ | 0.026 UJ | 0.028 UJ | 0.028 UJ |
| 2-chlorotoluene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 2-hexanone | SW8260B | MG/KG | 0.024 U | 0.029 U | 0.026 U | 0.028 U | 0.028 U |
| 4-chlorotoluene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| 4-methyl-2-pentanone | SW8260B | MG/KG | 0.024 U | 0.029 U | 0.026 U | 0.028 U | 0.028 U |
| acetone | SW8260B | MG/KG | 0.013 UJ | 0.021 UJ | 0.084 UJ | 0.039 UJ | 0.012 UJ |
| benzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| bromobenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-14/10 | MW-15/4 | MW-15/10 | MW-15/15 | MW-15/20 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 4-4.5 | 10-10.5 | 15-15.5 | 20-20.5 |
| | Sample Date | | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| Analyte | Method | Units | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| bromochloromethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| bromodichloromethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| bromoform | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| bromomethane | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.013 U | 0.014 U | 0.014 U |
| carbon disulfide | SW8260B | MG/KG | 0.0059 U | 0.0073 UJ | 0.0064 U | 0.0071 U | 0.0069 U |
| carbon tetrachloride | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| chlorobenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| chloroethane | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.013 U | 0.014 U | 0.014 U |
| chloroform | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| chloromethane | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.013 U | 0.014 U | 0.014 U |
| cis-1,2-dichloroethene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| cis-1,3-dichloropropene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| dibromochloromethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| dibromomethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| dichlorodifluoromethane | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.013 U | 0.014 U | 0.014 U |
| ethylbenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| ethylene dibromide | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| Freon 113 | SW8260B | MG/KG | 0.012 U | 0.015 UJ | 0.013 U | 0.014 U | 0.014 U |
| hexachlorobutadiene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| isopropylbenzene (cumene) | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| methylene chloride | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| n-butylbenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| n-propylbenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| naphthalene | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.013 U | 0.014 U | 0.014 U |
| p-cymene (p-isopropyltoluene) | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| sec-butylbenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| styrene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| t-butylbenzene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| tert-butyl methyl ether | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.013 U | 0.014 U | 0.014 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | MW-14/10 | MW-15/4 | MW-15/10 | MW-15/15 | MW-15/20 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 4-4.5 | 10-10.5 | 15-15.5 | 20-20.5 |
| | Sample Date | | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| Analyte | Method | Units | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| tetrachloroethene (PCE) | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| toluene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| trans-1,2-dichloroethene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| trans-1,3-dichloropropene | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| trichloroethene (TCE) | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| trichlorofluoromethane | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.013 U | 0.014 U | 0.014 U |
| vinyl acetate | SW8260B | MG/KG | 0.012 U | 0.015 UJ | 0.013 U | 0.014 U | 0.014 U |
| vinyl chloride | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |
| xylene (m,p) | SW8260B | MG/KG | 0.012 U | 0.015 U | 0.013 U | 0.014 U | 0.014 U |
| xylene (o) | SW8260B | MG/KG | 0.0059 U | 0.0073 U | 0.0064 U | 0.0071 U | 0.0069 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | TW-5/5.5 | TW-5/10.5 | MW-1/17.5 | MW-1/21 | MW-5/10.5 | MW-5/11 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 5.5-6 | 10.5-11 | 17.5-18 | 21-21.5 | 10.5-11 | 11-11.5 |
| | Sample Date | | 12/09/99 | 12/09/99 | 2/23/00 | 2/23/00 | 2/24/00 | 2/24/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | FR |
| | Event | | REMEDIAL | REMEDIAL | GAPS1 | GAPS1 | GAPS1 | GAPS1 |
| **Analyte** | **Method** | **Units** | | | | | | |
| 1,2,3,4,6,7,8-HpCDD | SW8290 | PG/G | 0.46 UR | 1.1 UR | 2.1 U | 2.4 U | 1.5 U | 2.1 U |
| 1,2,3,4,6,7,8-HpCDF | SW8290 | PG/G | 0.19 UR | 1.8 UR | 0.96 UJ | 1 UJ | 0.7 UJ | 1.1 UJ |
| 1,2,3,4,7,8,9-HpCDF | SW8290 | PG/G | 0.24 UR | 1.5 UR | 1.2 UJ | 1.3 UJ | 0.87 UJ | 1.4 UJ |
| 1,2,3,4,7,8-HxCDD | SW8290 | PG/G | 0.45 U | 0.86 UJ | 2 U | 2.8 U | 1.5 U | 2.4 U |
| 1,2,3,4,7,8-HxCDF | SW8290 | PG/G | 0.31 UR | 1.6 UR | 1.3 UJ | 1.6 UJ | 1.1 UJ | 1.4 UJ |
| 1,2,3,6,7,8-HxCDD | SW8290 | PG/G | 0.47 U | 0.9 UJ | 2 U | 2.7 U | 1.4 U | 2.4 U |
| 1,2,3,6,7,8-HxCDF | SW8290 | PG/G | 0.29 UR | 0.98 UR | 1.2 UJ | 1.5 UJ | 1 UJ | 1.3 UJ |
| 1,2,3,7,8,9-HxCDD | SW8290 | PG/G | 0.42 U | 0.81 UJ | 2 U | 2.7 U | 1.4 U | 2.3 U |
| 1,2,3,7,8,9-HxCDF | SW8290 | PG/G | 0.37 UR | 0.84 UR | 1.6 UJ | 1.9 UJ | 1.3 UJ | 1.7 UJ |
| 1,2,3,7,8-PeCDD | SW8290 | PG/G | 0.37 U | 0.71 UJ | 4 U | 4.3 U | 2.9 U | 4.3 U |
| 1,2,3,7,8-PeCDF | SW8290 | PG/G | 0.24 U | 1.8 UJ | 1.6 U | 2.1 U | 1.5 U | 1.7 U |
| 2,3,4,6,7,8-HxCDF | SW8290 | PG/G | 0.32 UR | 0.75 UR | 1.3 UJ | 1.7 UJ | 1.2 UJ | 1.5 UJ |
| 2,3,4,7,8-PeCDF | SW8290 | PG/G | 0.24 U | 1.9 UJ | 1.6 U | 2.1 U | 1.5 U | 1.7 U |
| 2,3,7,8-TCDD | SW8290 | PG/G | 0.17 U | 0.23 U | 0.92 U | 1.2 U | 0.83 U | 0.94 U |
| 2,3,7,8-TCDF | SW8290 | PG/G | 0.21 U | 0.78 J | 0.98 U | 0.97 U | 0.96 U | 0.78 U |
| OCDD | SW8290 | PG/G | 2.5 UR | 5.2 UR | 2.5 U | 2.7 U | 1.8 U | 2.7 U |
| OCDF | SW8290 | PG/G | 1.1 UR | 4.7 UR | 4 U | 4.5 U | 2.9 U | 4.7 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | TW-1/0.5 | TW-1/4 | TW-1/10 | TW-1/15 | TW-1/20 | TW-1/22 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 4-4.5 | 10-10.5 | 15-15.5 | 20-20.5 | 22-22.5 |
| | Sample Date | | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| acenaphthene | SW8310 | MG/KG | 0.46 U | 0.46 U | 0.51 U | 0.49 U | 0.46 UJ | 0.45 U |
| acenapthylene | SW8310 | MG/KG | 0.46 U | 0.46 U | 0.51 U | 0.49 U | 0.46 UJ | 0.45 U |
| anthracene | SW8310 | MG/KG | 0.16 U | 0.16 U | 0.18 U | 0.17 U | 0.16 UJ | 0.16 U |
| benzo(a)anthracene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.025 U | 0.023 UJ | 0.022 U |
| benzo(a)pyrene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.025 U | 0.023 UJ | 0.022 U |
| benzo(b)fluoranthene | SW8310 | MG/KG | 0.035 U | 0.034 U | 0.038 U | 0.037 U | 0.035 UJ | 0.033 U |
| benzo(g,h,i)perylene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.025 U | 0.023 UJ | 0.022 U |
| benzo(k)fluoranthene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.025 U | 0.023 UJ | 0.022 U |
| chrysene | SW8310 | MG/KG | 0.046 U | 0.046 U | 0.051 U | 0.049 U | 0.046 UJ | 0.045 U |
| dibenz(a,h)anthracene | SW8310 | MG/KG | 0.046 U | 0.046 U | 0.051 U | 0.049 U | 0.046 UJ | 0.045 U |
| fluoranthene | SW8310 | MG/KG | 0.058 U | 0.057 U | 0.064 U | 0.062 U | 0.058 UJ | 0.056 U |
| fluorene | SW8310 | MG/KG | 0.046 U | 0.046 U | 0.051 U | 0.049 U | 0.046 UJ | 0.045 U |
| indeno(1,2,3-c,d)pyrene | SW8310 | MG/KG | 0.046 U | 0.046 U | 0.051 U | 0.049 U | 0.046 UJ | 0.045 U |
| naphthalene | SW8310 | MG/KG | 0.46 U | 0.46 U | 0.51 U | 0.49 U | 0.46 UJ | 0.45 U |
| phenanthrene | SW8310 | MG/KG | 0.14 U | 0.14 U | 0.15 U | 0.15 U | 0.14 UJ | 0.13 U |
| pyrene | SW8310 | MG/KG | 0.07 U | 0.068 U | 0.076 U | 0.074 U | 0.069 UJ | 0.067 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | TW-4/0.5 | TW-4/4.5 | TW-4/10 | TW-4/15 | TW-4/20 | TW-4/20.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 4.5-5 | 10-10.5 | 15-15.5 | 20-20.5 | 20.5-21 |
| | Sample Date | | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | FR |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| acenaphthene | SW8310 | MG/KG | 0.48 U | 0.47 U | 0.51 U | 0.5 U | 0.49 U | 0.48 U |
| acenapthylene | SW8310 | MG/KG | 0.48 UJ | 0.47 UJ | 0.51 UJ | 0.5 UJ | 0.49 UJ | 0.48 UJ |
| anthracene | SW8310 | MG/KG | 0.17 U | 0.17 U | 0.18 U | 0.18 U | 0.17 U | 0.17 U |
| benzo(a)anthracene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.026 U | 0.025 U | 0.025 U | 0.024 U |
| benzo(a)pyrene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.026 U | 0.025 U | 0.025 U | 0.024 U |
| benzo(b)fluoranthene | SW8310 | MG/KG | 0.036 U | 0.036 U | 0.038 U | 0.038 U | 0.037 U | 0.036 U |
| benzo(g,h,i)perylene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.026 U | 0.025 UJ | 0.025 UJ | 0.024 UJ |
| benzo(k)fluoranthene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.026 U | 0.025 U | 0.025 U | 0.024 U |
| chrysene | SW8310 | MG/KG | 0.048 U | 0.047 U | 0.051 U | 0.05 U | 0.049 U | 0.048 U |
| dibenz(a,h)anthracene | SW8310 | MG/KG | 0.048 U | 0.047 U | 0.051 U | 0.05 U | 0.049 U | 0.048 U |
| fluoranthene | SW8310 | MG/KG | 0.06 U | 0.059 U | 0.064 U | 0.063 U | 0.062 U | 0.06 U |
| fluorene | SW8310 | MG/KG | 0.048 U | 0.047 U | 0.051 U | 0.05 UJ | 0.049 UJ | 0.048 UJ |
| indeno(1,2,3-c,d)pyrene | SW8310 | MG/KG | 0.048 U | 0.047 U | 0.051 U | 0.05 U | 0.049 U | 0.048 U |
| naphthalene | SW8310 | MG/KG | 0.48 UJ | 0.47 UJ | 0.51 UJ | 0.5 UJ | 0.49 UJ | 0.48 UJ |
| phenanthrene | SW8310 | MG/KG | 0.14 U | 0.14 U | 0.15 U | 0.15 U | 0.15 U | 0.14 U |
| pyrene | SW8310 | MG/KG | 0.072 U | 0.071 U | 0.077 U | 0.075 U | 0.074 U | 0.071 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-5/0.5 | TW-5/5 | TW-5/10 | TW-5/14.5 | TW-5/20 | TW-6/0.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 5-5.5 | 10-10.5 | 14.5-15 | 20-20.5 | 0.5-1 |
| | Sample Date | | 12/09/99 | 12/09/99 | 12/09/99 | 12/09/99 | 12/09/99 | 12/08/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| acenaphthene | SW8310 | MG/KG | 0.48 U | 0.44 U | 0.5 U | 0.44 U | 0.45 U | 0.45 U |
| acenapthylene | SW8310 | MG/KG | 0.48 U | 0.44 U | 0.5 U | 0.44 U | 0.45 U | 0.45 U |
| anthracene | SW8310 | MG/KG | 0.17 U | 0.15 U | 0.18 U | 0.16 U | 0.16 U | 0.16 U |
| benzo(a)anthracene | SW8310 | MG/KG | 0.024 U | 0.022 U | 0.025 U | 0.022 U | 0.022 U | 0.023 U |
| benzo(a)pyrene | SW8310 | MG/KG | 0.024 U | 0.022 U | 0.025 U | 0.022 U | 0.022 U | 0.023 U |
| benzo(b)fluoranthene | SW8310 | MG/KG | 0.036 U | 0.033 U | 0.038 U | 0.033 U | 0.034 U | 0.034 U |
| benzo(g,h,i)perylene | SW8310 | MG/KG | 0.024 U | 0.022 U | 0.025 U | 0.022 U | 0.022 U | 0.023 U |
| benzo(k)fluoranthene | SW8310 | MG/KG | 0.024 U | 0.022 U | 0.025 U | 0.022 U | 0.022 U | 0.023 U |
| chrysene | SW8310 | MG/KG | 0.048 U | 0.044 U | 0.05 U | 0.044 U | 0.045 U | 0.045 U |
| dibenz(a,h)anthracene | SW8310 | MG/KG | 0.048 U | 0.044 U | 0.05 U | 0.044 U | 0.045 U | 0.045 U |
| fluoranthene | SW8310 | MG/KG | 0.06 U | 0.055 U | 0.063 U | 0.055 U | 0.056 U | 0.056 U |
| fluorene | SW8310 | MG/KG | 0.048 UJ | 0.044 UJ | 0.05 UJ | 0.044 U | 0.045 U | 0.045 UJ |
| indeno(1,2,3-c,d)pyrene | SW8310 | MG/KG | 0.048 U | 0.044 U | 0.05 U | 0.044 U | 0.045 U | 0.045 U |
| naphthalene | SW8310 | MG/KG | 0.48 U | 0.44 U | 0.5 U | 0.44 U | 0.45 U | 0.45 U |
| phenanthrene | SW8310 | MG/KG | 0.14 U | 0.13 U | 0.15 U | 0.13 U | 0.13 U | 0.14 U |
| pyrene | SW8310 | MG/KG | 0.072 U | 0.066 U | 0.075 U | 0.067 U | 0.067 U | 0.068 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-6/4 | TW-6/8.5 | TW-7/0.5 | TW-7/4 | TW-7/7 | TW-8/15.5 | TW-9/11 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 4-4.5 | 8.5-9 | 0.5-1 | 4-4.5 | 7-7.5 | 15.5-16 | 11-11.5 |
| | Sample Date | | 12/08/99 | 12/08/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/09/99 | 12/10/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | |
| acenaphthene | SW8310 | MG/KG | 0.44 U | 0.44 U | 0.49 U | 0.46 U | 0.44 U | 0.48 UR | 0.4 U |
| acenapthylene | SW8310 | MG/KG | 0.44 U | 0.44 U | 0.49 UJ | 0.46 UJ | 0.44 UJ | 0.48 UR | 0.4 U |
| anthracene | SW8310 | MG/KG | 0.16 U | 0.15 U | 0.17 U | 0.16 U | 0.16 U | 0.17 UJ | 0.14 U |
| benzo(a)anthracene | SW8310 | MG/KG | 0.022 U | 0.022 U | 0.024 U | 0.023 U | 0.022 U | 0.024 U | 0.2 U |
| benzo(a)pyrene | SW8310 | MG/KG | 0.022 U | 0.022 U | 0.024 U | 0.023 U | 0.022 U | 0.024 U | 0.02 U |
| benzo(b)fluoranthene | SW8310 | MG/KG | 0.033 U | 0.033 U | 0.037 U | 0.034 U | 0.033 U | 0.036 U | 0.03 U |
| benzo(g,h,i)perylene | SW8310 | MG/KG | 0.022 U | 0.022 U | 0.024 U | 0.023 U | 0.022 U | 0.024 U | 0.02 U |
| benzo(k)fluoranthene | SW8310 | MG/KG | 0.022 U | 0.022 U | 0.024 U | 0.023 U | 0.022 U | 0.024 U | 0.02 U |
| chrysene | SW8310 | MG/KG | 0.044 U | 0.044 U | 0.049 U | 0.046 U | 0.044 U | 0.048 U | 0.04 U |
| dibenz(a,h)anthracene | SW8310 | MG/KG | 0.044 U | 0.044 U | 0.049 U | 0.046 U | 0.044 U | 0.048 U | 0.04 U |
| fluoranthene | SW8310 | MG/KG | 0.056 U | 0.055 U | 0.061 U | 0.057 U | 0.055 U | 0.06 UR | 0.05 U |
| fluorene | SW8310 | MG/KG | 0.044 UJ | 0.044 UJ | 0.049 U | 0.046 U | 0.044 U | 0.048 UJ | 0.04 U |
| indeno(1,2,3-c,d)pyrene | SW8310 | MG/KG | 0.044 U | 0.044 U | 0.049 U | 0.046 U | 0.044 U | 0.048 U | 0.04 U |
| naphthalene | SW8310 | MG/KG | 0.44 U | 0.44 U | 0.49 UJ | 0.46 UJ | 0.44 UJ | 0.48 UR | 0.4 U |
| phenanthrene | SW8310 | MG/KG | 0.13 U | 0.13 U | 0.15 U | 0.14 U | 0.13 U | 0.14 UR | 0.2 U |
| pyrene | SW8310 | MG/KG | 0.067 U | 0.066 U | 0.073 U | 0.068 U | 0.067 U | 0.072 UJ | 0.06 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-1/0.5 | TW-1/4 | TW-1/10 | TW-1/15 | TW-1/19.5 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 4-4.5 | 10-10.5 | 15-15.5 | 19.5-20 |
| | Sample Date | | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.49 U | 0.48 U | 0.53 U | 0.52 U | 0.4 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.49 U | 0.48 U | 0.53 U | 0.52 U | 0.4 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.49 U | 0.48 U | 0.53 U | 0.52 U | 0.4 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.49 U | 0.48 U | 0.53 U | 0.52 U | 0.4 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.49 U | 0.48 U | 0.53 U | 0.52 U | 0.4 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | | | | | 0.4 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.49 U | 0.48 U | 0.53 U | 0.52 U | 0.4 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.49 U | 0.48 U | 0.53 U | 0.52 U | 0.4 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | | | | | 0.4 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.49 U | 0.48 U | 0.53 U | 0.52 U | 0.4 U |
| amino-dnts | SW8330 | MG/KG | 0.98 U | 0.96 U | 1.1 U | 1 U | |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.49 U | 0.48 U | 0.53 U | 0.52 U | 0.4 U |
| nitrobenzene | SW8330 | MG/KG | 0.49 U | 0.48 U | 0.53 U | 0.52 U | 0.4 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.49 U | 0.48 U | 0.53 U | 0.52 U | 0.4 U |
| tetryl | SW8330 | MG/KG | 0.49 U | 0.48 U | 0.53 U | 0.52 U | 0.4 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | TW-1/20 | TW-1/22 | TW-4/0.5 | TW-4/4.5 | TW-4/10 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 20-20.5 | 22-22.5 | 0.5-1 | 4.5-5 | 10-10.5 |
| | Sample Date | | 12/10/99 | 12/10/99 | 12/13/99 | 12/13/99 | 12/13/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.5 U | 0.5 U | 0.54 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.5 U | 0.5 U | 0.54 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.5 U | 0.5 U | 0.54 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.5 U | 0.5 U | 0.54 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.5 U | 0.5 U | 0.54 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | | | | | |
| 2-nitrotoluene | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.5 U | 0.5 U | 0.54 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.5 U | 0.5 U | 0.54 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | | | | | |
| 4-nitrotoluene | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.5 U | 0.5 U | 0.54 U |
| amino-dnts | SW8330 | MG/KG | 0.97 U | 0.93 U | 1 U | 1 U | 1.1 U |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.5 U | 0.5 U | 0.54 U |
| nitrobenzene | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.5 U | 0.5 U | 0.54 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.5 U | 0.5 U | 0.54 U |
| tetryl | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.5 U | 0.5 U | 0.54 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | TW-4/15 | TW-4/20 | TW-4/20.5 | TW-4/21 | TW-4/21.5 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 15-15.5 | 20-20.5 | 20.5-21 | 21-21.5 | 21.5-22 |
| | Sample Date | | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 |
| | Lab | | Onsite | Onsite | Onsite | Quanterra | Quanterra |
| | Sample Type | | N | N | FR | N | FR |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.48 U | 0.48 U | 0.5 U | 0.4 U | 0.4 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.48 U | 0.48 U | 0.5 U | 0.4 U | 0.4 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.48 U | 0.48 U | 0.5 U | 0.4 U | 0.4 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.48 U | 0.48 U | 0.5 U | 0.4 U | 0.4 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.48 U | 0.48 U | 0.5 U | 0.4 U | 0.4 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | | | | 0.4 U | 0.4 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.48 U | 0.48 U | 0.5 U | 0.4 U | 0.4 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.48 U | 0.48 U | 0.5 U | 0.4 U | 0.4 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | | | | 0.4 U | 0.4 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.48 U | 0.48 U | 0.5 U | 0.4 U | 0.4 U |
| amino-dnts | SW8330 | MG/KG | 0.95 U | 0.95 U | 1 U | | |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.48 U | 0.48 U | 0.5 U | 0.4 U | 0.4 U |
| nitrobenzene | SW8330 | MG/KG | 0.48 U | 0.48 U | 0.5 U | 0.4 U | 0.4 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.48 U | 0.48 U | 0.5 U | 0.4 U | 0.4 U |
| tetryl | SW8330 | MG/KG | 0.48 U | 0.48 U | 0.5 U | 0.4 U | 0.4 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | | Location ID | TW-4A/0.5 | TW-5/0.5 | TW-5/5 | TW-5/10 | TW-5/14.5 |
|---|---|---|---|---|---|---|---|
| | | Sample Depth | 0.5-1 | 0.5-1 | 5-5.5 | 10-10.5 | 14.5-15 |
| | | Sample Date | 12/13/99 | 12/09/99 | 12/09/99 | 12/09/99 | 12/09/99 |
| | | Lab | Quanterra | Onsite | Onsite | Onsite | Onsite |
| | | Sample Type | N | N | N | N | N |
| | | Event | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.4 U | 0.5 U | 0.46 U | 0.53 U | 0.47 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.4 U | 0.5 U | 0.46 U | 0.53 U | 0.47 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.5 U | 0.46 U | 0.53 U | 0.47 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.5 U | 0.46 U | 0.53 U | 0.47 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.5 U | 0.46 U | 0.53 U | 0.47 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | | | | |
| 2-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.5 U | 0.46 U | 0.53 U | 0.47 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.5 U | 0.46 U | 0.53 U | 0.47 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | | | | |
| 4-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.5 U | 0.46 U | 0.53 U | 0.47 U |
| amino-dnts | SW8330 | MG/KG | | 1 U | 0.92 U | 1.1 U | 0.93 U |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.4 U | 0.5 U | 0.46 U | 0.53 U | 0.47 U |
| nitrobenzene | SW8330 | MG/KG | 0.4 U | 0.5 U | 0.46 U | 0.53 U | 0.47 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.4 U | 0.5 U | 0.46 U | 0.53 U | 0.47 U |
| tetryl | SW8330 | MG/KG | 0.4 U | 0.5 U | 0.46 U | 0.53 U | 0.47 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-5/20 | TW-6/0.5 | TW-6/4 | TW-6/8.5 | TW-7/0.5 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 20-20.5 | 0.5-1 | 4-4.5 | 8.5-9 | 0.5-1 |
| | Sample Date | | 12/09/99 | 12/08/99 | 12/08/99 | 12/08/99 | 12/11/99 |
| | Lab | | Onsite | Onsite | Onsite | Onsite | Onsite |
| | Sample Type | | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.47 U | 0.47 U | 0.47 U | 0.46 U | 0.51 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.47 U | 0.47 U | 0.47 U | 0.46 U | 0.51 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.47 U | 0.47 U | 0.47 U | 0.46 U | 0.51 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.47 U | 0.47 U | 0.47 U | 0.46 U | 0.51 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.47 U | 0.47 U | 0.47 U | 0.46 U | 0.51 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | | | | | |
| 2-nitrotoluene | SW8330 | MG/KG | 0.47 U | 0.47 U | 0.47 U | 0.46 U | 0.51 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.47 U | 0.47 U | 0.47 U | 0.46 U | 0.51 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | | | | | |
| 4-nitrotoluene | SW8330 | MG/KG | 0.47 U | 0.47 U | 0.47 U | 0.46 U | 0.51 U |
| amino-dnts | SW8330 | MG/KG | 0.94 U | 0.95 U | 0.93 U | 0.93 U | 1 U |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.47 U | 0.47 U | 0.47 U | 0.46 U | 0.51 U |
| nitrobenzene | SW8330 | MG/KG | 0.47 U | 0.47 U | 0.47 U | 0.46 U | 0.51 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.47 U | 0.47 U | 0.47 U | 0.46 U | 0.51 U |
| tetryl | SW8330 | MG/KG | 0.47 U | 0.47 U | 0.47 U | 0.46 U | 0.51 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | | Location ID | TW-7/4 | TW-7/7 | TW-8/15.5 | TW-9/11 | MW-2/0 |
|---|---|---|---|---|---|---|---|
| | | Sample Depth | 4-4.5 | 7-7.5 | 15.5-16 | 11-11.5 | 0-0.5 |
| | | Sample Date | 12/11/99 | 12/11/99 | 12/09/99 | 12/10/99 | 2/22/00 |
| | | Lab | Onsite | Onsite | Onsite | Onsite | Quanterra |
| | | Sample Type | N | N | N | N | N |
| | | Event | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | GAPS1 |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.51 U | 0.48 U | 0.53 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.51 U | 0.48 U | 0.53 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.51 U | 0.48 U | 0.53 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.51 U | 0.48 U | 0.53 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.51 U | 0.48 U | 0.53 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | | | | | 0.53 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.51 U | 0.48 U | 0.53 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.51 U | 0.48 U | 0.53 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | | | | | 0.53 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.51 U | 0.48 U | 0.53 U |
| amino-dnts | SW8330 | MG/KG | 0.96 U | 0.94 U | 1 U | 0.96 U | |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.51 U | 0.48 U | 0.53 U |
| nitrobenzene | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.51 U | 0.48 U | 0.53 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.51 U | 0.48 U | 0.53 U |
| tetryl | SW8330 | MG/KG | 0.48 U | 0.47 U | 0.51 U | 0.48 U | 0.53 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | | Location ID | MW-2/4 | MW-2/4.5 | MW-2/10 | MW-2/15 | MW-2/20 |
|---|---|---|---|---|---|---|---|
| | | Sample Depth | 4-4.5 | 4.5-5 | 10-10.5 | 15-15.5 | 19.5-20 |
| | | Sample Date | 2/22/00 | 2/22/00 | 2/22/00 | 2/22/00 | 2/22/00 |
| | | Lab | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | | Sample Type | N | N | N | N | N |
| | | Event | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS1 |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.5 U | 0.5 U | 0.49 U | 0.49 U | 0.48 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.5 U | 0.5 U | 0.49 U | 0.49 U | 0.48 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.5 U | 0.5 U | 0.49 U | 0.49 U | 0.48 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.5 U | 0.5 U | 0.49 U | 0.49 U | 0.48 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.5 U | 0.5 U | 0.49 U | 0.49 U | 0.48 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | 0.5 U | 0.5 U | 0.49 U | 0.49 U | 0.48 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.5 U | 0.5 U | 0.49 U | 0.49 U | 0.48 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.5 U | 0.5 U | 0.49 U | 0.49 U | 0.48 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | 0.5 U | 0.5 U | 0.49 U | 0.49 U | 0.48 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.5 U | 0.5 U | 0.49 U | 0.49 U | 0.48 U |
| amino-dnts | SW8330 | MG/KG | | | | | |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.5 U | 0.5 U | 0.49 U | 0.49 U | 0.48 U |
| nitrobenzene | SW8330 | MG/KG | 0.5 U | 0.5 U | 0.49 U | 0.49 U | 0.48 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.14 J | 0.5 U | 0.49 U | 0.49 U | 0.48 U |
| tetryl | SW8330 | MG/KG | 0.5 U | 0.5 U | 0.49 U | 0.49 U | 0.48 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-8/0 | MW-8/0.5 | MW-8/4 | MW-8/10 | MW-8/15 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0-0.5 | 0.5-1 | 4-4.5 | 10-10.5 | 15-15.5 |
| | Sample Date | | 2/24/00 | 2/24/00 | 2/24/00 | 2/24/00 | 2/24/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS1 |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.61 U | 0.53 U | 0.5 U | 0.49 U | 0.48 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.61 U | 0.53 U | 0.5 U | 0.49 U | 0.48 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.61 U | 0.53 U | 0.5 U | 0.49 U | 0.48 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.61 U | 0.53 U | 0.5 U | 0.49 U | 0.48 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.61 U | 0.53 U | 0.5 U | 0.49 U | 0.48 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | 0.61 U | 0.53 U | 0.5 U | 0.49 U | 0.48 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.61 U | 0.53 U | 0.5 U | 0.49 U | 0.48 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.61 U | 0.53 U | 0.5 U | 0.49 U | 0.48 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | 0.61 U | 0.53 U | 0.5 U | 0.49 U | 0.48 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.61 U | 0.53 U | 0.5 U | 0.49 U | 0.48 U |
| amino-dnts | SW8330 | MG/KG | | | | | |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.61 U | 0.53 U | 0.5 U | 0.49 U | 0.48 U |
| nitrobenzene | SW8330 | MG/KG | 0.61 U | 0.53 U | 0.5 U | 0.49 U | 0.48 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.61 U | 0.53 U | 0.5 U | 0.49 U | 0.48 U |
| tetryl | SW8330 | MG/KG | 0.61 U | 0.53 U | 0.5 U | 0.49 U | 0.48 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | MW-9/0 | MW-9/4 | MW-9/10 | MW-9/15 | MW-3A/0.5 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0-0.5 | 4-4.5 | 10-10.5 | 15-15.5 | 0.5-1 |
| | Sample Date | | 2/25/00 | 2/25/00 | 2/25/00 | 2/25/00 | 4/03/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.51 U | 0.49 U | 0.47 U | 0.45 U | 0.4 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.51 U | 0.49 U | 0.47 U | 0.45 U | 0.4 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.51 U | 0.49 U | 0.47 U | 0.45 U | 0.15 J |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.51 U | 0.49 U | 0.47 U | 0.45 U | 0.4 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.51 U | 0.49 U | 0.47 U | 0.45 U | 0.4 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | | | | | 0.4 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.51 U | 0.49 U | 0.47 U | 0.45 U | 0.4 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.51 U | 0.49 U | 0.47 U | 0.45 U | 0.4 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | 0.51 U | 0.49 U | 0.47 U | 0.45 U | 0.4 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.51 U | 0.49 U | 0.47 U | 0.45 U | 0.4 U |
| amino-dnts | SW8330 | MG/KG | | | | | |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.51 U | 0.49 U | 0.47 U | 0.45 U | 0.4 U |
| nitrobenzene | SW8330 | MG/KG | 0.51 U | 0.49 U | 0.47 U | 0.45 U | 0.4 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.51 U | 0.49 U | 0.47 U | 0.45 U | 0.4 U |
| tetryl | SW8330 | MG/KG | 0.51 U | 0.49 U | 0.47 U | 0.45 U | 0.4 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-3A/3.5 | MW-3A/5 | MW-3A/5.5 | MW-3A/10 | MW-3A/15 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 3.5-4 | 5-5.5 | 5.5-6 | 10-10.5 | 15-15.5 |
| | Sample Date | | 4/03/00 | 4/03/00 | 4/03/00 | 4/03/00 | 4/03/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | FR | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.3 J | 0.4 U | 0.29 J | 0.3 J | 0.92 |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| amino-dnts | SW8330 | MG/KG | | | | | |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| nitrobenzene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| tetryl | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | MW-3A/20 | MW-6/0.5 | MW-6/1 | MW-6/4 | MW-6/10 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 20-20.5 | 0.5-1 | 1-1.5 | 4-4.5 | 10-10.5 |
| | Sample Date | | 4/03/00 | 4/05/00 | 4/05/00 | 4/05/00 | 4/05/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | FR | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.15 J | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| amino-dnts | SW8330 | MG/KG | | | | | |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| nitrobenzene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| tetryl | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-6/15 | MW-6/20 | MW-13/0.5 | MW-13/4 | MW-13/4.5 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 15-15.5 | 20-20.5 | 0.5-1 | 4-4.5 | 4.5-5 |
| | Sample Date | | 4/05/00 | 4/05/00 | 3/29/00 | 3/29/00 | 3/29/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | FR |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 16 J+ | 17 J+ | 9.2 J+ |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 UR | 0.4 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 UR | 0.4 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| amino-dnts | SW8330 | MG/KG | | | | | |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| nitrobenzene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| tetryl | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-13/10 | MW-13/15 | MW-14/0.5 | MW-14/1 | MW-14/4 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 15-15.5 | 0.5-1 | 1-1.5 | 4-4.5 |
| | Sample Date | | 3/29/00 | 3/29/00 | 3/30/00 | 3/30/00 | 3/30/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | FR | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.83 |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 4.2 J+ | 3.7 J+ | 0.46 | 0.4 U | 6.5 |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| amino-dnts | SW8330 | MG/KG | | | | | |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| nitrobenzene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| tetryl | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | MW-14/10 | MW-15/0.5 | MW-15/1 | MW-15/4 | MW-15/10 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 0.5-1 | 1-1.5 | 4-4.5 | 10-10.5 |
| | Sample Date | | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | FR | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.4 U | 0.17 J | 0.4 U | 0.4 U | 0.4 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 1.7 | 0.99 | 8.9 | 5.4 | 16 |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| amino-dnts | SW8330 | MG/KG | | | | | |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| nitrobenzene | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |
| tetryl | SW8330 | MG/KG | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | MW-15/15 | MW-15/20 |
|---|---|---|---|---|
| | Sample Depth | | 15-15.5 | 20-20.5 |
| | Sample Date | | 3/30/00 | 3/30/00 |
| | Lab | | Quanterra | Quanterra |
| | Sample Type | | N | N |
| | Event | | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.4 U | 0.62 |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.4 U | 0.4 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 2.5 | 1.1 |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.4 U | 0.4 U |
| amino-dnts | SW8330 | MG/KG | | |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.4 U | 0.4 U |
| nitrobenzene | SW8330 | MG/KG | 0.4 U | 0.4 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.4 U | 0.4 U |
| tetryl | SW8330 | MG/KG | 0.4 U | 0.4 U |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | TW-1/0.5 | TW-1/4 | TW-1/5.5 | TW-1/10 | TW-1/10.5 | TW-1/15 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 4-4.5 | 5.5-6 | 10-10.5 | 10.5-11.5 | 15-15.5 |
| | Sample Date | | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 |
| | Lab | | Onsite | Onsite | Quanterra | Onsite | Quanterra | Onsite |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| chloride (as Cl) | E300-CL | MG/KG | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | | 0.042 U | | 0.044 U | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | | 3.2 | | 0.46 | |
| perchlorate | E300-PCATE | MG/KG | | | | | | |
| sulfate (as SO4) | E300-SO4 | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | 1.2 U | 1.1 U | | 1.3 U | | 1.2 U |
| motor oils | M8015B | MG/KG | 12 U | 11 U | | 13 U | | 12 U |
| tph as diesel (c10-c28) | M8015B | MG/KG | 1.2 U | 1.1 U | | 1.3 U | | 1.2 U |
| diesel fuel #2 | M8015B | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | | | | | | |
| unknown extract. hydrocarbon | M8015B | MG/KG | | | | | | |
| nitroglycerin | SW8330M | MG/KG | 0.61 U | 0.6 U | | 0.67 U | | 0.66 U |
| pentaerythritol tetranitrate | SW8330M | MG/KG | 0.61 U | 0.6 U | | 0.67 U | | 0.66 U |
| total organic carbon | SW9060 | MG/KG | | | | | | |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | TW-1/15.5 | TW-1/19.5 | TW-1/20 | TW-1/22 | TW-1/22.5 | TW-1A/0.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 15.5-16 | 19.5-20 | 20-20.5 | 22-22.5 | 22.5-23 | 0.5-1 |
| | Sample Date | | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 | 12/10/99 |
| | Lab | | Quanterra | Quanterra | Onsite | Onsite | Babcock | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| chloride (as Cl) | E300-CL | MG/KG | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | 0.043 U | 0.04 U | | | | 0.041 U |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | 0.39 | 0.67 | | | | 0.35 J |
| perchlorate | E300-PCATE | MG/KG | | | | | 0.7 U | |
| sulfate (as SO4) | E300-SO4 | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | 1.1 U | 1.1 U | | |
| motor oils | M8015B | MG/KG | | | 11 U | 11 U | | |
| tph as diesel (c10-c28) | M8015B | MG/KG | | | 1.1 U | 220 | | |
| diesel fuel #2 | M8015B | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | | | | | | |
| unknown extract. hydrocarbon | M8015B | MG/KG | | | | | | |
| nitroglycerin | SW8330M | MG/KG | | 1 U | 0.61 U | 0.58 U | | |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | 1 U | 0.61 U | 0.58 U | | |
| total organic carbon | SW9060 | MG/KG | | | | | | |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | TW-1/B | TW-1B | TW-2/B | TW-2/C | TW-4/0.5 | TW-4/4.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | 15-15.5 | 15.5-16 | 0.5-1 | 4.5-5 |
| | Sample Date | | 12/10/99 | 12/10/99 | 12/08/99 | 12/08/99 | 12/13/99 | 12/13/99 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Onsite | Onsite |
| | Sample Type | | N | N | N | FR | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| chloride (as Cl) | E300-CL | MG/KG | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | | | | | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | | | | | |
| perchlorate | E300-PCATE | MG/KG | | | | | | |
| sulfate (as SO4) | E300-SO4 | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | | | 1.2 U | 1.2 U |
| motor oils | M8015B | MG/KG | | | | | 12 U | 16 |
| tph as diesel (c10-c28) | M8015B | MG/KG | | | | | 1.2 U | 1.2 U |
| diesel fuel #2 | M8015B | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | | | | | | |
| unknown extract. hydrocarbon | M8015B | MG/KG | | | | | | |
| nitroglycerin | SW8330M | MG/KG | | | | | 0.63 U | 0.62 U |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | | | | 0.63 U | 0.62 U |
| total organic carbon | SW9060 | MG/KG | 16600 J- | 2470 J- | 1710 J- | 2490 J- | | |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | TW-4/5 | TW-4/10 | TW-4/10.5 | TW-4/15 | TW-4/15.5 | TW-4/20 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 5-5.5 | 10-10.5 | 10.5-11 | 15-15.5 | 15.5-16 | 20-20.5 |
| | Sample Date | | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 |
| | Lab | | Quanterra | Onsite | Quanterra | Onsite | Quanterra | Onsite |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| chloride (as Cl) | E300-CL | MG/KG | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | 0.54 | | 0.044 U | | 0.044 U | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | 1.5 | | 0.39 J | | 0.4 J | |
| perchlorate | E300-PCATE | MG/KG | | | | | | |
| sulfate (as SO4) | E300-SO4 | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | 1.3 U | | 1.3 U | | 1.2 U |
| motor oils | M8015B | MG/KG | | 13 U | | 12 J | | 18 |
| tph as diesel (c10-c28) | M8015B | MG/KG | | 1.3 U | | 1.3 U | | 1.2 U |
| diesel fuel #2 | M8015B | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | | | | | | |
| unknown extract. hydrocarbon | M8015B | MG/KG | | | | | | |
| nitroglycerin | SW8330M | MG/KG | | 0.67 U | | 0.66 U | | 0.65 U |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | 0.67 U | | 0.66 U | | 0.65 U |
| total organic carbon | SW9060 | MG/KG | | | | | | |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | TW-4/20.5 | TW-4/21 | TW-4/21.5 | TW-4A/0.5 | TW-5/0.5 | TW-5/5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 20.5-21 | 21-21.5 | 21.5-22 | 0.5-1 | 0.5-1 | 5-5.5 |
| | Sample Date | | 12/13/99 | 12/13/99 | 12/13/99 | 12/13/99 | 12/09/99 | 12/09/99 |
| | Lab | | Onsite | Quanterra | Quanterra | Quanterra | Onsite | Onsite |
| | Sample Type | | FR | N | FR | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| chloride (as Cl) | E300-CL | MG/KG | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | 0.044 U | 0.043 U | 0.043 U | | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | 0.58 J | 0.53 J | 0.27 J | | |
| perchlorate | E300-PCATE | MG/KG | | | | | | |
| sulfate (as SO4) | E300-SO4 | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | 1.2 U | | | | 1.2 U | 1.1 U |
| motor oils | M8015B | MG/KG | 12 U | | | | 12 U | 5.9 J |
| tph as diesel (c10-c28) | M8015B | MG/KG | 1.2 U | | | | 1.2 U | 1.1 U |
| diesel fuel #2 | M8015B | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | | | | | | |
| unknown extract. hydrocarbon | M8015B | MG/KG | | | | | | |
| nitroglycerin | SW8330M | MG/KG | 0.62 U | 1 U | 1 U | 1 U | 0.66 U | 0.59 U |
| pentaerythritol tetranitrate | SW8330M | MG/KG | 0.62 U | 1 U | 1 U | 1 U | 0.66 U | 0.59 U |
| total organic carbon | SW9060 | MG/KG | | | | | | |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-5/5.5 | TW-5/10 | TW-5/10.5 | TW-5/14.5 | TW-5/20 | TW-5/20.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 5.5-6 | 10-10.5 | 10.5-11 | 14.5-15 | 20-20.5 | 20.5-21 |
| | Sample Date | | 12/09/99 | 12/09/99 | 12/09/99 | 12/09/99 | 12/09/99 | 12/09/99 |
| | Lab | | Quanterra | Onsite | Quanterra | Onsite | Onsite | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| chloride (as Cl) | E300-CL | MG/KG | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | 0.12 J | | 0.039 U | | | 0.04 U |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | 0.76 J | | 0.31 J | | | 0.31 J |
| perchlorate | E300-PCATE | MG/KG | | | | | | |
| sulfate (as SO4) | E300-SO4 | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | 1.3 U | | 1.1 U | 1.1 U | |
| motor oils | M8015B | MG/KG | | 6.9 J | | 11 U | 11 U | |
| tph as diesel (c10-c28) | M8015B | MG/KG | | 1.3 U | | 1.1 U | 1.1 U | |
| diesel fuel #2 | M8015B | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | | | | | | |
| unknown extract. hydrocarbon | M8015B | MG/KG | | | | | | |
| nitroglycerin | SW8330M | MG/KG | | 0.67 U | | 0.58 U | 0.59 U | |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | 0.67 U | | 0.58 U | 0.59 U | |
| total organic carbon | SW9060 | MG/KG | | | | | | |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-5A/0.5 | TW-6/0.5 | TW-6/0.5 | TW-6/4 | TW-6/4.5 | TW-6/8.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 0.5-1 | 0.5-1 | 4-4.5 | 4.5-5 | 8.5-9 |
| | Sample Date | | 12/09/99 | 12/08/99 | 12/08/99 | 12/08/99 | 12/08/99 | 12/08/99 |
| | Lab | | Quanterra | Onsite | Quanterra | Onsite | Quanterra | Onsite |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| chloride (as Cl) | E300-CL | MG/KG | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | 0.043 U | | 0.039 U | | 0.039 U | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | 1.1 J | | 0.028 U | | 0.028 U | |
| perchlorate | E300-PCATE | MG/KG | | | | | | |
| sulfate (as SO4) | E300-SO4 | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | 1.1 U | | 1.1 U | | 1.3 U |
| motor oils | M8015B | MG/KG | | 11 U | | 11 U | | 13 U |
| tph as diesel (c10-c28) | M8015B | MG/KG | | 1.1 U | | 1.1 U | | 1.3 U |
| diesel fuel #2 | M8015B | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | | | | | | |
| unknown extract. hydrocarbon | M8015B | MG/KG | | | | | | |
| nitroglycerin | SW8330M | MG/KG | | 0.59 U | | 0.58 U | | 0.58 U |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | 0.59 U | | 0.58 U | | 0.58 U |
| total organic carbon | SW9060 | MG/KG | | | | | | |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-6/9 | TW-7/0.5 | TW-7/0.5 | TW-7/4 | TW-7/4.5 | TW-7/7 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 9-9.5 | 0.5-1 | 0.5-1 | 4-4.5 | 4.5-5 | 7-7.5 |
| | Sample Date | | 12/08/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 | 12/11/99 |
| | Lab | | Quanterra | Onsite | Quanterra | Onsite | Quanterra | Onsite |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| chloride (as Cl) | E300-CL | MG/KG | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | 0.038 U | | 0.044 U | | 0.68 | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | 0.027 U | | 5 | | 0.69 J | |
| perchlorate | E300-PCATE | MG/KG | | | | | | |
| sulfate (as SO4) | E300-SO4 | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | 1.2 U | | 1.1 U | | 1.1 U |
| motor oils | M8015B | MG/KG | | 55 | | 18 | | 7.4 J |
| tph as diesel (c10-c28) | M8015B | MG/KG | | 4.5 | | 1.1 J | | 1.1 U |
| diesel fuel #2 | M8015B | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | | | | | | |
| unknown extract. hydrocarbon | M8015B | MG/KG | | | | | | |
| nitroglycerin | SW8330M | MG/KG | | 0.64 U | | 0.6 U | | 0.58 U |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | 0.64 U | | 0.6 U | | 0.58 U |
| total organic carbon | SW9060 | MG/KG | | | | | | |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | TW-7/7.5 | TW-7/8 | TW-8/15.5 | TW-8/15.5 | TW-9/11 | TW-9/11 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 7.5-8 | 8-8.5 | 15.5-16 | 15.5-16 | 11-11.5 | 11-11.5 |
| | Sample Date | | 12/11/99 | 12/11/99 | 12/09/99 | 12/09/99 | 12/10/99 | 12/10/99 |
| | Lab | | Quanterra | Quanterra | Onsite | Quanterra | Babcock | Onsite |
| | Sample Type | | N | FR | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| chloride (as Cl) | E300-CL | MG/KG | | | | 16.6 | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | 0.039 U | 0.04 U | | 0.039 U | | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | 0.29 J | 0.29 J | | 0.28 J | | |
| perchlorate | E300-PCATE | MG/KG | | | | | 0.6 U | |
| sulfate (as SO4) | E300-SO4 | MG/KG | | | | 14.9 | | |
| kerosene | M8015B | MG/KG | | | 1.2 U | | | 1.1 U |
| motor oils | M8015B | MG/KG | | | 12 U | | | 11 U |
| tph as diesel (c10-c28) | M8015B | MG/KG | | | 1.2 U | | | 1.1 U |
| diesel fuel #2 | M8015B | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | | | | | | |
| unknown extract. hydrocarbon | M8015B | MG/KG | | | | | | |
| nitroglycerin | SW8330M | MG/KG | | | 0.63 U | | | 0.62 U |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | | 0.63 U | | | 0.62 U |
| total organic carbon | SW9060 | MG/KG | | | | 4660 J- | | |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-1/17.5 | MW-1/21 | MW-1/24 | MW-2/0 | MW-2/4 | MW-2/4.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 17.5-18 | 21-21.5 | 24-24.5 | 0-0.5 | 4-4.5 | 4.5-5 |
| | Sample Date | | 2/23/00 | 2/23/00 | 2/23/00 | 2/22/00 | 2/22/00 | 2/22/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS1 |
| **Analyte** | **Method** | **Units** | | | | | | |
| chloride (as Cl) | E300-CL | MG/KG | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | | | | | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | | | | | |
| perchlorate | E300-PCATE | MG/KG | | | | | | |
| sulfate (as SO4) | E300-SO4 | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | | | | | | |
| tph as diesel (c10-c28) | M8015B | MG/KG | | | | | | |
| diesel fuel #2 | M8015B | MG/KG | 1.2 U | 1.2 U | 1.1 U | 6.6 U | 6.3 U | 6.2 U |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | 12 U | 12 U | 11 U | 33 U | 31 U | 31 U |
| unknown extract. hydrocarbon | M8015B | MG/KG | | | | | | |
| nitroglycerin | SW8330M | MG/KG | | | | | | |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | | | | | |
| total organic carbon | SW9060 | MG/KG | | | | | | |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | MW-2/10 | MW-2/15 | MW-2/20 | MW-7/0 | MW-7/0.5 | MW-7/4 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 10-10.5 | 15-15.5 | 19.5-20 | 0-0.5 | 0.5-1 | 4-4.5 |
| | Sample Date | | 2/22/00 | 2/22/00 | 2/22/00 | 2/24/00 | 2/24/00 | 2/25/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | FR | N |
| | Event | | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS1 |
| **Analyte** | **Method** | **Units** | | | | | | |
| chloride (as Cl) | E300-CL | MG/KG | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | | | | | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | | | | | |
| perchlorate | E300-PCATE | MG/KG | | | | | | |
| sulfate (as SO4) | E300-SO4 | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | | | | | | |
| tph as diesel (c10-c28) | M8015B | MG/KG | | | | | | |
| diesel fuel #2 | M8015B | MG/KG | 6.1 U | 6.1 U | 6 U | 1.2 J | 1.3 U | 1.2 U |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | 31 U | 30 U | 30 U | 3.9 J | 13 U | 12 U |
| unknown extract. hydrocarbon | M8015B | MG/KG | | | | | | |
| nitroglycerin | SW8330M | MG/KG | | | | | | |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | | | | | |
| total organic carbon | SW9060 | MG/KG | | | | | | |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-7/9 | MW-8/0 | MW-8/0.5 | MW-8/4 | MW-8/10 | MW-8/15 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 9-9.5 | 0-0.5 | 0.5-1 | 4-4.5 | 10-10.5 | 15-15.5 |
| | Sample Date | | 2/25/00 | 2/24/00 | 2/24/00 | 2/24/00 | 2/24/00 | 2/24/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS1 |
| **Analyte** | **Method** | **Units** | | | | | | |
| chloride (as Cl) | E300-CL | MG/KG | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | | | | | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | | | | | |
| perchlorate | E300-PCATE | MG/KG | | | | | | |
| sulfate (as SO4) | E300-SO4 | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | | | | | | |
| tph as diesel (c10-c28) | M8015B | MG/KG | | | | | | |
| diesel fuel #2 | M8015B | MG/KG | 1.1 U | 1.5 UJ | 1.3 UJ | 1.2 U | 1.2 UJ | 1.2 U |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | 11 U | 15 UJ | 13 UJ | 12 U | 12 UJ | 12 U |
| unknown extract. hydrocarbon | M8015B | MG/KG | | | | | | |
| nitroglycerin | SW8330M | MG/KG | | | | | | |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | | | | | |
| total organic carbon | SW9060 | MG/KG | | | | | | |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | MW-9/0 | MW-9/4 | MW-9/10 | MW-9/15 | MW-3A/0.5 | MW-3A/3.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0-0.5 | 4-4.5 | 10-10.5 | 15-15.5 | 0.5-1 | 3.5-4 |
| | Sample Date | | 2/25/00 | 2/25/00 | 2/25/00 | 2/25/00 | 4/03/00 | 4/03/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | GAPS1 | GAPS1 | GAPS1 | GAPS1 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| chloride (as Cl) | E300-CL | MG/KG | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | | | | | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | | | | | |
| perchlorate | E300-PCATE | MG/KG | | | | | | |
| sulfate (as SO4) | E300-SO4 | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | | | | | | |
| tph as diesel (c10-c28) | M8015B | MG/KG | | | | | | |
| diesel fuel #2 | M8015B | MG/KG | 1.3 UJ | 6.1 UR | 1.2 UR | 1.1 UR | 6.6 U | 6.3 U |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | 13 UJ | 31 UR | 12 UR | 11 UR | 33 U | 31 U |
| unknown extract. hydrocarbon | M8015B | MG/KG | | 6.1 UR | 1.2 UR | 1.1 UR | 33 U | 6.3 U |
| nitroglycerin | SW8330M | MG/KG | ND | ND | ND | ND | | |
| pentaerythritol tetranitrate | SW8330M | MG/KG | 1.3 U | 1.2 U | 1.2 U | 1.1 U | | |
| total organic carbon | SW9060 | MG/KG | | | | | | |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | MW-3A/5 | MW-3A/5.5 | MW-3A/10 | MW-3A/15 | MW-3A/20 | MW-6/0.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 5-5.5 | 5.5-6 | 10-10.5 | 15-15.5 | 20-20.5 | 0.5-1 |
| | Sample Date | | 4/03/00 | 4/03/00 | 4/03/00 | 4/03/00 | 4/03/00 | 4/05/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | FR | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| chloride (as Cl) | E300-CL | MG/KG | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | | | | | 0.041 UR |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | | | | | 0.029 UR |
| perchlorate | E300-PCATE | MG/KG | | | | | | |
| sulfate (as SO4) | E300-SO4 | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | | | | | | |
| tph as diesel (c10-c28) | M8015B | MG/KG | | | | | | |
| diesel fuel #2 | M8015B | MG/KG | 6.2 U | 6.2 U | 5.9 U | 5.5 U | 5.6 U | |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | 31 U | 31 U | 30 U | 28 U | 28 U | |
| unknown extract. hydrocarbon | M8015B | MG/KG | 6.2 U | 6.2 U | 5.9 U | 5.5 U | 5.6 U | |
| nitroglycerin | SW8330M | MG/KG | | | | | | |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | | | | | |
| total organic carbon | SW9060 | MG/KG | | | | | | |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-6/1 | MW-6/4 | MW-6/10 | MW-6/15 | MW-6/20 | MW-13/0.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 1-1.5 | 4-4.5 | 10-10.5 | 15-15.5 | 20-20.5 | 0.5-1 |
| | Sample Date | | 4/05/00 | 4/05/00 | 4/05/00 | 4/05/00 | 4/05/00 | 3/29/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | FR | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| chloride (as Cl) | E300-CL | MG/KG | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | 0.042 UR | 0.042 UR | 0.039 UR | 0.039 UR | 0.039 UR | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | 0.34 J | 2.3 J | 0.18 J | 0.38 J | 0.23 J | |
| perchlorate | E300-PCATE | MG/KG | | | | | | |
| sulfate (as SO4) | E300-SO4 | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | | | | | | |
| tph as diesel (c10-c28) | M8015B | MG/KG | | | | | | |
| diesel fuel #2 | M8015B | MG/KG | | | | | | 1.1 UJ |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | | | | | | 21 J- |
| unknown extract. hydrocarbon | M8015B | MG/KG | | | | | | 1.1 UJ |
| nitroglycerin | SW8330M | MG/KG | | | | | | |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | | | | | |
| total organic carbon | SW9060 | MG/KG | | | | | | |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | MW-13/4 | MW-13/4.5 | MW-13/10 | MW-13/15 | MW-14/0.5 | MW-14/1 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 4-4.5 | 4.5-5 | 10-10.5 | 15-15.5 | 0.5-1 | 1-1.5 |
| | Sample Date | | 3/29/00 | 3/29/00 | 3/29/00 | 3/29/00 | 3/30/00 | 3/30/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | FR | N | N | N | FR |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| chloride (as Cl) | E300-CL | MG/KG | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | | | | | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | | | | | |
| perchlorate | E300-PCATE | MG/KG | | | | | | |
| sulfate (as SO4) | E300-SO4 | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | | | | | | |
| tph as diesel (c10-c28) | M8015B | MG/KG | | | | | | |
| diesel fuel #2 | M8015B | MG/KG | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 5.6 U | 5.9 U |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | 11 U | 11 U | 11 U | 11 U | 28 U | 30 U |
| unknown extract. hydrocarbon | M8015B | MG/KG | 11 U | 1.1 U | 1.1 U | 1.1 U | 92 | 5.9 U |
| nitroglycerin | SW8330M | MG/KG | | | | | | |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | | | | | |
| total organic carbon | SW9060 | MG/KG | | | | | | |

## Table 5-12A. Analytical Results for North Valley - Soil



| | Location ID | | MW-14/4 | MW-14/10 | MW-15/0.5 | MW-15/1 | MW-15/4 | MW-15/10 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 4-4.5 | 10-10.5 | 0.5-1 | 1-1.5 | 4-4.5 | 10-10.5 |
| | Sample Date | | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 | 3/30/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | FR | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| chloride (as Cl) | E300-CL | MG/KG | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | | | | | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | | | | | |
| perchlorate | E300-PCATE | MG/KG | | | | | | |
| sulfate (as SO4) | E300-SO4 | MG/KG | | | | | | |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | | | | | | |
| tph as diesel (c10-c28) | M8015B | MG/KG | | | | | | |
| diesel fuel #2 | M8015B | MG/KG | 6 U | 5.9 U | 5.8 U | 6 U | 6 U | 6.4 U |
| kerosene | M8015B | MG/KG | | | | | | |
| motor oils | M8015B | MG/KG | 30 U | 30 U | 29 U | 30 U | 30 U | 32 U |
| unknown extract. hydrocarbon | M8015B | MG/KG | 6 U | 5.9 U | 61 | 6 U | 6 U | 6.4 U |
| nitroglycerin | SW8330M | MG/KG | | | | | | |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | | | | | |
| total organic carbon | SW9060 | MG/KG | | | | | | |

## Table 5-12A. Analytical Results for North Valley - Soil
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| | Location ID | | MW-15/15 | MW-15/20 | TW-7R/0.5 |
|---|---|---|---|---|---|
| | Sample Depth | | 15-15.5 | 20-20.5 | 0.5-1 |
| | Sample Date | | 3/30/00 | 3/30/00 | 4/21/00 |
| | Lab | | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | |
| chloride (as Cl) | E300-CL | MG/KG | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | | |
| perchlorate | E300-PCATE | MG/KG | | | |
| sulfate (as SO4) | E300-SO4 | MG/KG | | | |
| kerosene | M8015B | MG/KG | | | |
| motor oils | M8015B | MG/KG | | | |
| tph as diesel (c10-c28) | M8015B | MG/KG | | | |
| diesel fuel #2 | M8015B | MG/KG | 6.1 U | 5.6 U | 1.1 UJ |
| kerosene | M8015B | MG/KG | | | 1.1 UJ |
| motor oils | M8015B | MG/KG | 31 U | 28 U | 11 UJ |
| unknown extract. hydrocarbon | M8015B | MG/KG | 6.1 U | 5.6 U | 1.1 UJ |
| nitroglycerin | SW8330M | MG/KG | | | |
| pentaerythritol tetranitrate | SW8330M | MG/KG | | | |
| total organic carbon | SW9060 | MG/KG | | | |

## Table 5-12B. Analytical Results for North Valley - Groundwater



| | | | |
|---|---|---|---|
| | **Location ID** | | **MW-4A** |
| | **Sample Depth** | | **-** |
| | **Sample Date** | | **4/18/00** |
| | **Lab** | | **Quanterra** |
| | **Sample Type** | | **FD** |
| | **Event** | | **GAPS2** |
| **Analyte** | **Method** | **Units** | |
| aluminum | SW6010B | MG/L | 0.076 J |
| antimony | SW6010B | MG/L | 0.0024 J |
| arsenic | SW6010B | MG/L | 0.008 J |
| barium | SW6010B | MG/L | 0.096 |
| beryllium | SW6010B | MG/L | 0.00009 U |
| cadmium | SW6010B | MG/L | 0.00037 U |
| calcium | SW6010B | MG/L | 16.6 |
| chromium, total | SW6010B | MG/L | 0.0028 U |
| cobalt | SW6010B | MG/L | 0.0074 U |
| copper | SW6010B | MG/L | 0.0021 U |
| iron | SW6010B | MG/L | 0.067 J |
| lead | SW6010B | MG/L | 0.0018 U |
| magnesium | SW6010B | MG/L | 10.7 |
| manganese | SW6010B | MG/L | 0.079 |
| molybdenum | SW6010B | MG/L | 0.036 |
| nickel | SW6010B | MG/L | 0.0017 J |
| phosphorus, total (as P) | SW6010B | MG/L | 0.12 U |
| potassium | SW6010B | MG/L | 8.8 |
| selenium | SW6010B | MG/L | 0.0047 J |
| silver | SW6010B | MG/L | 0.0032 U |
| sodium | SW6010B | MG/L | 144 |
| thallium | SW6010B | MG/L | 0.003 U |
| vanadium | SW6010B | MG/L | 0.0032 U |
| zinc | SW6010B | MG/L | 0.031 |
| mercury | SW7470A | MG/L | 0.000049 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater
(Page 2 of 37)

| | Location ID | | TW-3-1 | TW-4 | MW-1 | MW-1/A |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 12/14/99 | 12/14/99 | 4/11/00 | 4/11/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | FD | N | N | FD |
| | Event | | REMEDIAL | REMEDIAL | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | |
| aluminum (filtered) | SW6010B-F | MG/L | 0.043 U | 0.059 J | 0.15 J | 0.056 J |
| antimony (filtered) | SW6010B-F | MG/L | 0.031 U | 0.031 U | 0.0022 U | 0.0022 U |
| arsenic (filtered) | SW6010B-F | MG/L | 0.0042 U | 0.0042 U | 0.0042 U | 0.0042 U |
| barium (filtered) | SW6010B-F | MG/L | 0.065 UJ | 0.18 | 0.091 | 0.091 |
| beryllium (filtered) | SW6010B-F | MG/L | 0.00009 U | 0.00009 U | 0.00009 U | 0.00009 U |
| cadmium (filtered) | SW6010B-F | MG/L | 0.0031 U | 0.0031 U | 0.00037 U | 0.00037 U |
| calcium (filtered) | SW6010B-F | MG/L | 86.2 | 94.5 | 45.9 | 44.8 |
| chromium, total (filtered) | SW6010B-F | MG/L | 0.0028 U | 0.0028 U | 0.0028 U | 0.0028 U |
| cobalt (filtered) | SW6010B-F | MG/L | 0.0074 U | 0.0074 U | 0.0074 U | 0.0074 U |
| copper (filtered) | SW6010B-F | MG/L | 0.0028 UJ | 0.0055 UJ | 0.0021 U | 0.0021 U |
| iron (filtered) | SW6010B-F | MG/L | 0.021 UJ | 0.04 UJ | 0.19 J | 0.065 J |
| lead (filtered) | SW6010B-F | MG/L | 0.0018 U | 0.0018 U | 0.0018 U | 0.0018 U |
| magnesium (filtered) | SW6010B-F | MG/L | 55.3 | 58.2 | 57.8 | 56 |
| manganese (filtered) | SW6010B-F | MG/L | 0.057 | 0.051 | 0.012 | 0.014 UJ |
| molybdenum (filtered) | SW6010B-F | MG/L | 0.0046 U | 0.005 UJ | 0.0015 U | 0.0015 U |
| nickel (filtered) | SW6010B-F | MG/L | 0.0013 UJ | 0.002 UJ | 0.0012 U | 0.0012 U |
| phosphorus, total as P (filtered) | SW6010B-F | MG/L | 0.12 U | 0.12 U | 0.12 U | 0.12 U |
| potassium (filtered) | SW6010B-F | MG/L | 5.3 | 6.7 | 0.96 J | 1.2 J |
| selenium (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| silver (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| sodium (filtered) | SW6010B-F | MG/L | 155 | 158 | 244 | 236 |
| thallium (filtered) | SW6010B-F | MG/L | 0.003 U | 0.0064 UJ | 0.0038 UJ | 0.003 U |
| vanadium (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| zinc (filtered) | SW6010B-F | MG/L | 0.0021 U | 0.0035 UJ | 0.028 | 0.033 |
| mercury (filtered) | SW7470A-F | MG/L | 0.000049 U | 0.000049 U | 0.000049 U | 0.000049 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater



| | Location ID | | MW-2 | MW-3 | MW-3B | MW-4 | MW-4A | MW-6 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - | - |
| | Sample Date | | 4/11/00 | 4/18/00 | 4/24/00 | 4/18/00 | 4/18/00 | 4/12/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | FD | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| aluminum (filtered) | SW6010B-F | MG/L | 0.043 U | 0.043 U | 0.043 U | 0.043 U | 0.072 J | 9.7 |
| antimony (filtered) | SW6010B-F | MG/L | 0.0022 U | 0.0022 U | 0.0022 U | 0.0022 U | 0.0034 J | 0.0022 U |
| arsenic (filtered) | SW6010B-F | MG/L | 0.0042 U | 0.0042 U | 0.0042 U | 0.0042 U | 0.0071 J | 0.0042 U |
| barium (filtered) | SW6010B-F | MG/L | 0.038 | 0.11 | 0.081 | 0.22 | 0.059 | 0.21 |
| beryllium (filtered) | SW6010B-F | MG/L | 0.00009 U | 0.00009 U | 0.00009 U | 0.00009 U | 0.00009 U | 0.00009 U |
| cadmium (filtered) | SW6010B-F | MG/L | 0.00037 U | 0.00037 U | 0.00037 U | 0.00037 U | 0.00037 U | 0.00037 U |
| calcium (filtered) | SW6010B-F | MG/L | 71.3 | 88.9 | 39 | 96 | 14.9 | 105 |
| chromium, total (filtered) | SW6010B-F | MG/L | 0.0028 U | 0.0028 U | 0.0028 U | 0.0028 U | 0.0028 U | 0.017 |
| cobalt (filtered) | SW6010B-F | MG/L | 0.0074 U | 0.0074 U | 0.0074 U | 0.0074 U | 0.0074 U | 0.0074 U |
| copper (filtered) | SW6010B-F | MG/L | 0.0021 U | 0.0079 J | 0.0021 U | 0.0059 J | 0.0027 J | 0.016 J |
| iron (filtered) | SW6010B-F | MG/L | 0.0099 J | 0.013 UJ | 0.0094 J | 0.0058 UJ | 0.061 UJ | 11 |
| lead (filtered) | SW6010B-F | MG/L | 0.0018 U | 0.0018 U | 0.0018 U | 0.0018 U | 0.0018 U | 0.0018 U |
| magnesium (filtered) | SW6010B-F | MG/L | 39.4 | 52.2 | 24 | 54 | 10.8 | 50.2 |
| manganese (filtered) | SW6010B-F | MG/L | 0.005 UJ | 0.0035 J | 0.18 | 0.0038 J | 0.08 | 0.29 |
| molybdenum (filtered) | SW6010B-F | MG/L | 0.0015 U | 0.0015 U | 0.0015 U | 0.0015 U | 0.036 | 0.0015 U |
| nickel (filtered) | SW6010B-F | MG/L | 0.0012 U | 0.0012 U | 0.0012 U | 0.0012 U | 0.0021 J | 0.015 J |
| phosphorus, total as P (filtered) | SW6010B-F | MG/L | 0.12 U | 0.15 J | 0.12 U | 0.12 U | 0.12 U | 0.12 U |
| potassium (filtered) | SW6010B-F | MG/L | 2.3 J | 0.88 J | 5.1 | 0.71 J | 5.1 | 6 |
| selenium (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U | 0.0038 J |
| silver (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| sodium (filtered) | SW6010B-F | MG/L | 87.9 | 109 | 137 | 83.8 | 137 | 83.1 |
| thallium (filtered) | SW6010B-F | MG/L | 0.0036 UJ | 0.003 U | 0.003 U | 0.003 U | 0.003 U | 0.003 U |
| vanadium (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U | 0.025 |
| zinc (filtered) | SW6010B-F | MG/L | 0.034 | 0.038 | 0.021 | 0.041 | 0.031 | 0.075 |
| mercury (filtered) | SW7470A-F | MG/L | 0.000049 U | 0.000049 U | 0.000049 U | 0.000049 U | 0.000049 U | 0.000049 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater
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| | Location ID | | MW-7 | MW-8 | MW-9 | TW-3 | MW-13 | MW-14 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - | - |
| | Sample Date | | 4/13/00 | 4/11/00 | 4/11/00 | 12/14/99 | 4/12/00 | 4/11/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | REMEDIAL | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| aluminum (filtered) | SW6010B-F | MG/L | 0.043 U | 0.043 U | 0.062 J | 0.77 | 0.043 U | 0.043 U |
| antimony (filtered) | SW6010B-F | MG/L | 0.0022 U | 0.0022 U | 0.0022 U | 0.031 U | 0.0022 U | 0.0022 U |
| arsenic (filtered) | SW6010B-F | MG/L | 0.0042 U | 0.0042 U | 0.0042 U | 0.0042 U | 0.0042 U | 0.0042 U |
| barium (filtered) | SW6010B-F | MG/L | 0.27 | 0.16 | 0.082 | 0.072 | 0.03 | 0.031 |
| beryllium (filtered) | SW6010B-F | MG/L | 0.00009 U | 0.00009 U | 0.00009 U | 0.00009 U | 0.00009 U | 0.00009 U |
| cadmium (filtered) | SW6010B-F | MG/L | 0.00037 U | 0.00037 U | 0.00037 U | 0.0031 U | 0.00037 U | 0.00037 U |
| calcium (filtered) | SW6010B-F | MG/L | 274 | 89.7 | 73.5 | 88.5 | 75.5 | 55.2 |
| chromium, total (filtered) | SW6010B-F | MG/L | 0.0044 J | 0.0028 U | 0.0028 U | 0.0028 U | 0.0072 J | 0.0028 U |
| cobalt (filtered) | SW6010B-F | MG/L | 0.0074 U | 0.0074 U | 0.0074 U | 0.0074 U | 0.0074 U | 0.0074 U |
| copper (filtered) | SW6010B-F | MG/L | 0.0021 U | 0.0021 U | 0.0023 J | 0.0051 UJ | 0.0029 J | 0.0021 U |
| iron (filtered) | SW6010B-F | MG/L | 0.032 J | 0.012 UJ | 0.059 UJ | 0.89 | 0.02 UJ | 0.009 J |
| lead (filtered) | SW6010B-F | MG/L | 0.0018 U | 0.0018 U | 0.0018 U | 0.0018 U | 0.0018 U | 0.0018 U |
| magnesium (filtered) | SW6010B-F | MG/L | 156 | 90.5 | 46.6 | 57.6 | 50.4 | 34.8 |
| manganese (filtered) | SW6010B-F | MG/L | 0.0061 | 0.0076 UJ | 0.003 UJ | 0.077 | 0.011 | 0.006 UJ |
| molybdenum (filtered) | SW6010B-F | MG/L | 0.0015 U | 0.0015 U | 0.0015 U | 0.0046 U | 0.0015 U | 0.0015 U |
| nickel (filtered) | SW6010B-F | MG/L | 0.0012 U | 0.0012 U | 0.0012 U | 0.0026 UJ | 0.0012 U | 0.0012 U |
| phosphorus, total as P (filtered) | SW6010B-F | MG/L | 0.12 U | 0.12 U | 0.12 U | 0.12 U | 0.12 U | 0.12 U |
| potassium (filtered) | SW6010B-F | MG/L | 4.8 J | 0.63 J | 2.3 | 5.6 | 5.8 | 2.6 J |
| selenium (filtered) | SW6010B-F | MG/L | 0.0065 | 0.004 UJ | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| silver (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| sodium (filtered) | SW6010B-F | MG/L | 671 | 91.8 | 122 | 164 | 93.4 | 84.9 |
| thallium (filtered) | SW6010B-F | MG/L | 0.0058 J | 0.003 U | 0.003 U | 0.003 U | 0.003 U | 0.0052 UJ |
| vanadium (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| zinc (filtered) | SW6010B-F | MG/L | 0.037 | 0.038 UJ | 0.042 UJ | 0.0029 UJ | 0.039 | 0.039 |
| mercury (filtered) | SW7470A-F | MG/L | 0.000049 U | 0.000049 U | 0.000049 U | 0.000049 U | 0.000049 U | 0.000049 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater
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| | | | |
|---|---|---|---|
| | **Location ID** | | **MW-15** |
| | **Sample Depth** | | **-** |
| | **Sample Date** | | **4/12/00** |
| | **Lab** | | **Quanterra** |
| | **Sample Type** | | **N** |
| | **Event** | | **GAPS2** |
| **Analyte** | **Method** | **Units** | |
| aluminum (filtered) | SW6010B-F | MG/L | 0.14 J |
| antimony (filtered) | SW6010B-F | MG/L | 0.0022 U |
| arsenic (filtered) | SW6010B-F | MG/L | 0.0042 U |
| barium (filtered) | SW6010B-F | MG/L | 0.098 |
| beryllium (filtered) | SW6010B-F | MG/L | 0.00009 U |
| cadmium (filtered) | SW6010B-F | MG/L | 0.00037 U |
| calcium (filtered) | SW6010B-F | MG/L | 83.8 |
| chromium, total (filtered) | SW6010B-F | MG/L | 0.0028 U |
| cobalt (filtered) | SW6010B-F | MG/L | 0.0074 U |
| copper (filtered) | SW6010B-F | MG/L | 0.0021 U |
| iron (filtered) | SW6010B-F | MG/L | 0.16 J |
| lead (filtered) | SW6010B-F | MG/L | 0.0018 U |
| magnesium (filtered) | SW6010B-F | MG/L | 59.5 |
| manganese (filtered) | SW6010B-F | MG/L | 0.014 UJ |
| molybdenum (filtered) | SW6010B-F | MG/L | 0.0015 U |
| nickel (filtered) | SW6010B-F | MG/L | 0.0012 U |
| phosphorus, total as P (filtered) | SW6010B-F | MG/L | 0.12 U |
| potassium (filtered) | SW6010B-F | MG/L | 1.2 J |
| selenium (filtered) | SW6010B-F | MG/L | 0.0032 U |
| silver (filtered) | SW6010B-F | MG/L | 0.0032 U |
| sodium (filtered) | SW6010B-F | MG/L | 121 |
| thallium (filtered) | SW6010B-F | MG/L | 0.003 U |
| vanadium (filtered) | SW6010B-F | MG/L | 0.0032 U |
| zinc (filtered) | SW6010B-F | MG/L | 0.035 |
| mercury (filtered) | SW7470A-F | MG/L | 0.000049 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater
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| | Location ID | | MW-1 | MW-1/A | MW-2 | MW-3 | MW-3B |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 4/11/00 | 4/11/00 | 4/11/00 | 4/18/00 | 4/24/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | FD | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| aldrin | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha endosulfan | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha-chlordane | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| beta BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| beta endosulfan | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| delta BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| dieldrin | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endosulfan sulfate | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin aldehyde | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin ketone | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| gamma BHC (lindane) | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| gamma-chlordane | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| heptachlor | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| heptachlor epoxide | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| methoxychlor | SW8081A | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |
| p,p'-DDD | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| p,p'-DDE | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| p,p'-DDT | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| toxaphene | SW8081A | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater



| | Location ID | | MW-4 | MW-4 | MW-4A | MW-6 | MW-7 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 4/18/00 | 4/20/00 | 4/18/00 | 4/12/00 | 4/11/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | FD | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| aldrin | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha endosulfan | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha-chlordane | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| beta BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| beta endosulfan | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| delta BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| dieldrin | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endosulfan sulfate | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin aldehyde | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin ketone | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| gamma BHC (lindane) | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| gamma-chlordane | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| heptachlor | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| heptachlor epoxide | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| methoxychlor | SW8081A | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |
| p,p'-DDD | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| p,p'-DDE | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| p,p'-DDT | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| toxaphene | SW8081A | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater
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| | Location ID | | MW-8 | MW-9 | MW-13 | MW-14 | MW-15 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 4/11/00 | 4/11/00 | 4/12/00 | 4/11/00 | 4/12/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| aldrin | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha endosulfan | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha-chlordane | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| beta BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| beta endosulfan | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| delta BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| dieldrin | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endosulfan sulfate | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin aldehyde | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin ketone | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| gamma BHC (lindane) | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| gamma-chlordane | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| heptachlor | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| heptachlor epoxide | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| methoxychlor | SW8081A | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |
| p,p'-DDD | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| p,p'-DDE | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| p,p'-DDT | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| toxaphene | SW8081A | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater



| | | Location ID | MW-3 | MW-4 | MW-4 | MW-7 |
|---|---|---|---|---|---|---|
| | | Sample Depth | - | - | - | - |
| | | Sample Date | 4/18/00 | 4/18/00 | 4/20/00 | 4/11/00 |
| | | Lab | Quanterra | Quanterra | Quanterra | Quanterra |
| | | Sample Type | N | N | N | N |
| | | Event | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | |
| PCB-1016 (Arochlor 1016) | SW8082 | UG/L | 1 U | 1 U | 1 U | 1 U |
| PCB-1221 (Arochlor 1221) | SW8082 | UG/L | 2 U | 2 U | 2 U | 2 U |
| PCB-1232 (Arochlor 1232) | SW8082 | UG/L | 1 U | 1 U | 1 U | 1 U |
| PCB-1242 (Arochlor 1242) | SW8082 | UG/L | 1 U | 1 U | 1 U | 1 U |
| PCB-1248 (Arochlor 1248) | SW8082 | UG/L | 1 U | 1 U | 1 U | 1 U |
| PCB-1254 (Arochlor 1254) | SW8082 | UG/L | 1 U | 1 U | 1 U | 1 U |
| PCB-1260 (Arochlor 1260) | SW8082 | UG/L | 1 U | 1 U | 1 U | 1 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater



| | Location ID | | TW-3 | TW-3A | TW-4 | MW-1 | MW-1/A | MW-2 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - | - |
| | Sample Date | | 12/14/99 | 12/14/99 | 12/14/99 | 4/11/00 | 4/11/00 | 4/11/00 |
| | Lab | | Onsite | Onsite | Onsite | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | FD | N | N | FD | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,1-trichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2,2-tetrachloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-trichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-dichloroethane | SW8260B | UG/L | 3 U | 3 U | 3 U | 3 U | 3 U | 3 U |
| 1,1-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,3-trichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,3-trichloropropane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| 1,2,4-trichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,4-trimethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-dibromo-3-chloropropane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| 1,2-dibromoethane | SW8260B | UG/L | 1 U | 1 U | 1 U | | | |
| 1,2-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-dichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,3,5-trimethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,3-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,3-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,4-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2,2-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-amino-4,6-dinitrotoluene | SW8260B | UG/L | | | | | | |
| 2-butanone | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ |
| 2-chloroethyl vinyl ether | SW8260B | UG/L | 2 UJ | 2 U | 2 U | 5 UR | 5 UR | 5 UR |
| 2-chlorotoluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-hexanone | SW8260B | UG/L | 10 U | 10 U | 10 U | 10 UJ | 10 UJ | 10 UJ |
| 4-chlorotoluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 4-methyl-2-pentanone | SW8260B | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| acetone | SW8260B | UG/L | 10 UR | 10 U | 10 UR | 10 UJ | 10 UJ | 10 UJ |

## Table 5-12B. Analytical Results for North Valley - Groundwater



| | Location ID | | TW-3 | TW-3A | TW-4 | MW-1 | MW-1/A | MW-2 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - | - |
| | Sample Date | | 12/14/99 | 12/14/99 | 12/14/99 | 4/11/00 | 4/11/00 | 4/11/00 |
| | Lab | | Onsite | Onsite | Onsite | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | FD | N | N | FD | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| benzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| bromobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| bromochloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| bromodichloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| bromoform | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| bromomethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| carbon disulfide | SW8260B | UG/L | 1 U | 1 U | 1 U | 2 U | 2 U | 2 U |
| carbon tetrachloride | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| chlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| chloroethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| chloroform | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| chloromethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| cis-1,2-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| cis-1,3-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| dibromochloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| dibromomethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| dichlorodifluoromethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| ethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| ethylene dibromide | SW8260B | UG/L | | | | 1 U | 1 U | 1 U |
| Freon 113 | SW8260B | UG/L | 1 U | 1 U | 1 U | 2 U | 2 U | 2 U |
| hexachlorobutadiene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| isopropylbenzene (cumene) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| methylene chloride | SW8260B | UG/L | 2 UJ | 2 UJ | 2 UJ | 2 U | 2 U | 2 U |
| n-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| n-propylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| naphthalene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| p-cymene (p-isopropyltoluene) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| sec-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| styrene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater



| | Location ID | | TW-3 | TW-3A | TW-4 | MW-1 | MW-1/A | MW-2 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - | - |
| | Sample Date | | 12/14/99 | 12/14/99 | 12/14/99 | 4/11/00 | 4/11/00 | 4/11/00 |
| | Lab | | Onsite | Onsite | Onsite | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | FD | N | N | FD | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| t-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| tert-butyl methyl ether | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| tetrachloroethene (PCE) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| toluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| trans-1,2-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| trans-1,3-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| trichloroethene (TCE) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| trichlorofluoromethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| vinyl acetate | SW8260B | UG/L | 5 UJ | 5 UJ | 5 UJ | 10 UJ | 10 UJ | 10 UJ |
| vinyl chloride | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| xylene (m,p) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| xylene (o) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater



| | Location ID | | MW-3 | MW-3B | MW-4 | MW-4A | MW-5 | MW-6 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - | - |
| | Sample Date | | 4/18/00 | 4/24/00 | 4/20/00 | 4/18/00 | 4/19/00 | 4/12/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | FD | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,1-trichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2,2-tetrachloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-trichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-dichloroethane | SW8260B | UG/L | 3 U | 3 U | 3 U | 3 U | 3 U | 3 U |
| 1,1-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,3-trichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,3-trichloropropane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| 1,2,4-trichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,4-trimethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-dibromo-3-chloropropane | SW8260B | UG/L | 2 U | 2 UR | 2 UR | 2 U | 2 UR | 2 U |
| 1,2-dibromoethane | SW8260B | UG/L | | | | | | |
| 1,2-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-dichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,3,5-trimethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,3-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,3-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,4-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2,2-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-amino-4,6-dinitrotoluene | SW8260B | UG/L | | | | | | |
| 2-butanone | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 6.8 J | 10 UJ | 10 UJ |
| 2-chloroethyl vinyl ether | SW8260B | UG/L | 5 UR | 5 UR | 5 UR | 5 UR | 5 UR | 5 UR |
| 2-chlorotoluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-hexanone | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ |
| 4-chlorotoluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 4-methyl-2-pentanone | SW8260B | UG/L | 10 U | 10 UJ | 10 UJ | 10 U | 10 UJ | 10 U |
| acetone | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ |

## Table 5-12B. Analytical Results for North Valley - Groundwater
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| | Location ID | | MW-3 | MW-3B | MW-4 | MW-4A | MW-5 | MW-6 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - | - |
| | Sample Date | | 4/18/00 | 4/24/00 | 4/20/00 | 4/18/00 | 4/19/00 | 4/12/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | FD | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| benzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| bromobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| bromochloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| bromodichloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 0.15 J | 1 U | 1 U |
| bromoform | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| bromomethane | SW8260B | UG/L | 2 UJ | 2 UJ | 2 UJ | 2 UJ | 2 UJ | 2 U |
| carbon disulfide | SW8260B | UG/L | 2 U | 2 U | 2 U | 3.7 | 2 U | 2 U |
| carbon tetrachloride | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| chlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| chloroethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| chloroform | SW8260B | UG/L | 1 U | 1 U | 1 U | 2.9 | 1 U | 1 U |
| chloromethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| cis-1,2-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| cis-1,3-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| dibromochloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| dibromomethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| dichlorodifluoromethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| ethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| ethylene dibromide | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Freon 113 | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| hexachlorobutadiene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| isopropylbenzene (cumene) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| methylene chloride | SW8260B | UG/L | 2 U | 2 U | 2 U | 0.36 UJ | 2 U | 2 U |
| n-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| n-propylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| naphthalene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| p-cymene (p-isopropyltoluene) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| sec-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| styrene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater



| | Location ID | | MW-3 | MW-3B | MW-4 | MW-4A | MW-5 | MW-6 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - | - |
| | Sample Date | | 4/18/00 | 4/24/00 | 4/20/00 | 4/18/00 | 4/19/00 | 4/12/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | FD | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| t-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| tert-butyl methyl ether | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| tetrachloroethene (PCE) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| toluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| trans-1,2-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| trans-1,3-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| trichloroethene (TCE) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| trichlorofluoromethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| vinyl acetate | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ |
| vinyl chloride | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| xylene (m,p) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| xylene (o) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater
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| | Location ID | | MW-7 | MW-8 | MW-9 | MW-13 | MW-14 | MW-15 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - | - |
| | Sample Date | | 4/11/00 | 4/11/00 | 4/11/00 | 4/12/00 | 4/11/00 | 4/12/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,1-trichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2,2-tetrachloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-trichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-dichloroethane | SW8260B | UG/L | 3 U | 3 U | 3 U | 3 U | 3 U | 3 U |
| 1,1-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,3-trichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,3-trichloropropane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| 1,2,4-trichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,4-trimethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-dibromo-3-chloropropane | SW8260B | UG/L | 2 U | 2 UR | 2 UR | 2 U | 2 U | 2 U |
| 1,2-dibromoethane | SW8260B | UG/L | | | | | | |
| 1,2-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-dichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,3,5-trimethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,3-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,3-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,4-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2,2-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-amino-4,6-dinitrotoluene | SW8260B | UG/L | | | 5 U | | | |
| 2-butanone | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ |
| 2-chloroethyl vinyl ether | SW8260B | UG/L | 5 UR | 5 UR | 5 UR | 5 UR | 5 UR | 5 UR |
| 2-chlorotoluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-hexanone | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ |
| 4-chlorotoluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 4-methyl-2-pentanone | SW8260B | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| acetone | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ |

## Table 5-12B. Analytical Results for North Valley - Groundwater
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| | Location ID | | MW-7 | MW-8 | MW-9 | MW-13 | MW-14 | MW-15 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - | - |
| | Sample Date | | 4/11/00 | 4/11/00 | 4/11/00 | 4/12/00 | 4/11/00 | 4/12/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| benzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| bromobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| bromochloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| bromodichloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| bromoform | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| bromomethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| carbon disulfide | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| carbon tetrachloride | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| chlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| chloroethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| chloroform | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| chloromethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| cis-1,2-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| cis-1,3-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| dibromochloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| dibromomethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| dichlorodifluoromethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| ethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| ethylene dibromide | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Freon 113 | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| hexachlorobutadiene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| isopropylbenzene (cumene) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| methylene chloride | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| n-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| n-propylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| naphthalene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| p-cymene (p-isopropyltoluene) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| sec-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| styrene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater



| | Location ID | | MW-7 | MW-8 | MW-9 | MW-13 | MW-14 | MW-15 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - | - |
| | Sample Date | | 4/11/00 | 4/11/00 | 4/11/00 | 4/12/00 | 4/11/00 | 4/12/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| t-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| tert-butyl methyl ether | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| tetrachloroethene (PCE) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| toluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| trans-1,2-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| trans-1,3-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| trichloroethene (TCE) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| trichlorofluoromethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| vinyl acetate | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ |
| vinyl chloride | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| xylene (m,p) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| xylene (o) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater



| | Location ID | | TW-3 | TW-3A | TW-4 | MW-1 | MW-1/A | MW-2 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - | - |
| | Sample Date | | 12/14/99 | 12/14/99 | 12/14/99 | 4/11/00 | 4/11/00 | 4/11/00 |
| | Lab | | Onsite | Onsite | Onsite | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | FD | N | N | FD | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| acenaphthene | SW8310 | UG/L | 2.5 U | 2.5 U | 2.5 U | 2 UJ | 2 UJ | 2 UJ |
| acenapthylene | SW8310 | UG/L | 5 U | 5 U | 5 U | 2 UJ | 2 UJ | 2 UJ |
| anthracene | SW8310 | UG/L | 0.7 U | 0.7 U | 0.7 U | 0.1 UJ | 0.1 UJ | 0.1 UJ |
| benzo(a)anthracene | SW8310 | UG/L | 0.3 U | 0.3 U | 0.3 U | 0.1 UJ | 0.1 UJ | 0.1 UJ |
| benzo(a)pyrene | SW8310 | UG/L | 0.3 U | 0.3 U | 0.3 U | 0.1 UJ | 0.1 UJ | 0.1 UJ |
| benzo(b)fluoranthene | SW8310 | UG/L | 0.5 U | 0.5 U | 0.5 U | 0.2 UJ | 0.2 UJ | 0.2 UJ |
| benzo(g,h,i)perylene | SW8310 | UG/L | 0.5 U | 0.5 U | 0.5 U | 0.2 UJ | 0.2 UJ | 0.2 UJ |
| benzo(k)fluoranthene | SW8310 | UG/L | 0.5 U | 0.5 U | 0.5 U | 0.1 UJ | 0.1 UJ | 0.1 UJ |
| chrysene | SW8310 | UG/L | 0.3 U | 0.3 U | 0.3 U | 0.1 UJ | 0.1 UJ | 0.1 UJ |
| dibenz(a,h)anthracene | SW8310 | UG/L | 1 U | 1 U | 1 U | 0.2 UJ | 0.2 UJ | 0.2 UJ |
| fluoranthene | SW8310 | UG/L | 0.5 U | 0.5 U | 0.5 U | 0.2 UJ | 0.2 UJ | 0.2 UJ |
| fluorene | SW8310 | UG/L | 0.5 UJ | 0.5 UJ | 0.5 UJ | 0.2 UJ | 0.2 UJ | 0.2 UJ |
| indeno(1,2,3-c,d)pyrene | SW8310 | UG/L | 0.5 U | 0.5 U | 0.5 U | 0.2 UJ | 0.2 UJ | 0.2 UJ |
| naphthalene | SW8310 | UG/L | 2.5 U | 2.5 U | 2.5 U | 1 UJ | 1 UJ | 1 UJ |
| phenanthrene | SW8310 | UG/L | 0.6 U | 0.6 U | 0.6 U | 0.1 UJ | 0.1 UJ | 0.1 UJ |
| pyrene | SW8310 | UG/L | 0.5 U | 0.5 U | 0.5 U | 0.2 UJ | 0.2 UJ | 0.2 UJ |

## Table 5-12B. Analytical Results for North Valley - Groundwater



| | Location ID | | MW-3 | MW-3B | MW-4 | MW-4A | MW-6 | MW-7 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - | - |
| | Sample Date | | 4/18/00 | 4/24/00 | 4/18/00 | 4/18/00 | 4/12/00 | 4/11/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | FD | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| acenaphthene | SW8310 | UG/L | 2 U | 2 U | 3 U | 2 U | 2 UJ | 2 UJ |
| acenapthylene | SW8310 | UG/L | 2 U | 2 U | 3 U | 2 U | 2 UJ | 2 UJ |
| anthracene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.15 U | 0.1 U | 0.1 UJ | 0.1 UJ |
| benzo(a)anthracene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.15 U | 0.1 U | 0.1 UJ | 0.1 UJ |
| benzo(a)pyrene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.15 U | 0.1 U | 0.1 UJ | 0.1 UJ |
| benzo(b)fluoranthene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.3 U | 0.2 U | 0.2 UJ | 0.2 UJ |
| benzo(g,h,i)perylene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.3 U | 0.2 U | 0.2 UJ | 0.2 UJ |
| benzo(k)fluoranthene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.15 U | 0.1 U | 0.1 UJ | 0.1 UJ |
| chrysene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.15 U | 0.1 U | 0.1 UJ | 0.1 UJ |
| dibenz(a,h)anthracene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.3 U | 0.2 U | 0.2 UJ | 0.2 UJ |
| fluoranthene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.3 U | 0.2 U | 0.2 UJ | 0.2 UJ |
| fluorene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.3 U | 0.2 U | 0.2 UJ | 0.2 UJ |
| indeno(1,2,3-c,d)pyrene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.3 U | 0.2 U | 0.2 UJ | 0.2 UJ |
| naphthalene | SW8310 | UG/L | 1 U | 1 U | 1.5 U | 1 U | 1 UJ | 1 UJ |
| phenanthrene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.15 U | 0.1 U | 0.1 UJ | 0.1 UJ |
| pyrene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.3 U | 0.2 U | 0.2 UJ | 0.2 UJ |

## Table 5-12B. Analytical Results for North Valley - Groundwater



| | Location ID | | MW-8 | MW-9 | MW-13 | MW-14 | MW-15 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 4/11/00 | 4/11/00 | 4/12/00 | 4/11/00 | 4/12/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| acenaphthene | SW8310 | UG/L | 2 UJ | 2 UJ | 2 UJ | 2 UJ | 2 UJ |
| acenapthylene | SW8310 | UG/L | 2 UJ | 2 UJ | 0.38 J | 2 UJ | 2 UJ |
| anthracene | SW8310 | UG/L | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ |
| benzo(a)anthracene | SW8310 | UG/L | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ |
| benzo(a)pyrene | SW8310 | UG/L | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ |
| benzo(b)fluoranthene | SW8310 | UG/L | 0.2 UJ | 0.2 UJ | 0.2 UJ | 0.2 UJ | 0.2 UJ |
| benzo(g,h,i)perylene | SW8310 | UG/L | 0.2 UJ | 0.2 UJ | 0.2 UJ | 0.2 UJ | 0.2 UJ |
| benzo(k)fluoranthene | SW8310 | UG/L | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ |
| chrysene | SW8310 | UG/L | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ |
| dibenz(a,h)anthracene | SW8310 | UG/L | 0.2 UJ | 0.2 UJ | 0.2 UJ | 0.2 UJ | 0.2 UJ |
| fluoranthene | SW8310 | UG/L | 0.2 UJ | 0.2 UJ | 0.2 UJ | 0.2 UJ | 0.2 UJ |
| fluorene | SW8310 | UG/L | 0.2 UJ | 0.2 UJ | 0.2 UJ | 0.2 UJ | 0.2 UJ |
| indeno(1,2,3-c,d)pyrene | SW8310 | UG/L | 0.2 UJ | 0.2 UJ | 0.2 UJ | 0.2 UJ | 0.2 UJ |
| naphthalene | SW8310 | UG/L | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| phenanthrene | SW8310 | UG/L | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ | 0.1 UJ |
| pyrene | SW8310 | UG/L | 0.2 UJ | 0.2 UJ | 0.2 UJ | 0.2 UJ | 0.2 UJ |

## Table 5-12B. Analytical Results for North Valley - Groundwater



| | | Location ID | TW-3 | TW-3A | TW-4 |
|---|---|---|---|---|---|
| | | Sample Depth | - | - | - |
| | | Sample Date | 12/14/99 | 12/14/99 | 12/14/99 |
| | | Lab | Onsite | Onsite | Onsite |
| | | Sample Type | N | FD | N |
| | | Event | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | |
| 1,3,5-trinitrobenzene | SW8330 | UG/L | 5 UJ | 5 UR | 5 UJ |
| 1,3-dinitrobenzene | SW8330 | UG/L | 5 UJ | 5 UR | 5 UJ |
| 2,4,6-trinitrotoluene | SW8330 | UG/L | 5 UJ | 5 UR | 0.9 J |
| 2,4-dinitrotoluene | SW8330 | UG/L | 5 UJ | 5 UR | 5 UJ |
| 2,6-dinitrotoluene | SW8330 | UG/L | 5 UJ | 5 UR | 5 UJ |
| 2-amino-4,6-dinitrotoluene | SW8330 | UG/L | | | |
| 2-nitrotoluene | SW8330 | UG/L | 5 UJ | 5 UR | 5 UJ |
| 3-nitrotoluene | SW8330 | UG/L | 5 UJ | 5 UR | 5 UJ |
| 4-amino-2,6-dinitrotoluene | SW8330 | UG/L | | | |
| 4-nitrotoluene | SW8330 | UG/L | 5 UJ | 5 UR | 5 UJ |
| amino-dnts | SW8330 | UG/L | 10 UR | 10 UR | 4.9 J |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | UG/L | 5 UJ | 5 UR | 5 UJ |
| nitrobenzene | SW8330 | UG/L | 5 UJ | 5 UR | 5 UJ |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | UG/L | 5 UJ | 5 UR | 5 UJ |
| tetryl | SW8330 | UG/L | 5 UJ | 5 UR | 5 UJ |

## Table 5-12B. Analytical Results for North Valley - Groundwater
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| | Location ID | | MW-1 | MW-1/A | MW-2 | MW-3 |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 4/11/00 | 4/11/00 | 4/11/00 | 4/18/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | FD | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | |
| 1,3,5-trinitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 1,3-dinitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2,4,6-trinitrotoluene | SW8330 | UG/L | 5 UJ | 5 UJ | 5 UJ | 5 U |
| 2,4-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2,6-dinitrotoluene | SW8330 | UG/L | 5 UJ | 5 UJ | 5 UJ | 5 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2-nitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 3-nitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 UJ |
| 4-amino-2,6-dinitrotoluene | SW8330 | UG/L | 5 UJ | 5 UJ | 5 UJ | 5 U |
| 4-nitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 UJ |
| amino-dnts | SW8330 | UG/L | | | | |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 UJ |
| nitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 UJ |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| tetryl | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater
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| | | Location ID | MW-3B | MW-4 | MW-4A | MW-5 |
|---|---|---|---|---|---|---|
| | | Sample Depth | - | - | - | - |
| | | Sample Date | 4/24/00 | 4/18/00 | 4/18/00 | 4/19/00 |
| | | Lab | Quanterra | Quanterra | Quanterra | Quanterra |
| | | Sample Type | N | N | FD | N |
| | | Event | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | |
| 1,3,5-trinitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 1,3-dinitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2,4,6-trinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2,4-dinitrotoluene | SW8330 | UG/L | 5 U | 5 UJ | 5 U | 5 U |
| 2,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2-nitrotoluene | SW8330 | UG/L | 5 UJ | 5 U | 5 U | 5 U |
| 3-nitrotoluene | SW8330 | UG/L | 5 U | 5 UJ | 5 U | 5 UJ |
| 4-amino-2,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 4-nitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 UJ |
| amino-dnts | SW8330 | UG/L | | | | |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 UJ |
| nitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 UJ |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| tetryl | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater



| | | Location ID | MW-6 | MW-7 | MW-8 | MW-9 |
|---|---|---|---|---|---|---|
| | | Sample Depth | - | - | - | - |
| | | Sample Date | 4/12/00 | 4/13/00 | 4/11/00 | 4/11/00 |
| | | Lab | Quanterra | Quanterra | Quanterra | Quanterra |
| | | Sample Type | N | N | N | N |
| | | Event | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | |
| 1,3,5-trinitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 UJ |
| 1,3-dinitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2,4,6-trinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2,4-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 UJ |
| 2-amino-4,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2-nitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 3-nitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 UJ |
| 4-amino-2,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 UJ |
| 4-nitrotoluene | SW8330 | UG/L | 5 UJ | 5 UJ | 5 U | 5 U |
| amino-dnts | SW8330 | UG/L | | | | |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| nitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| tetryl | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater



| | | Location ID | MW-13 | MW-14 | MW-15 |
|---|---|---|---|---|---|
| | | Sample Depth | - | - | - |
| | | Sample Date | 4/12/00 | 4/11/00 | 4/12/00 |
| | | Lab | Quanterra | Quanterra | Quanterra |
| | | Sample Type | N | N | N |
| | | Event | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | |
| 1,3,5-trinitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U |
| 1,3-dinitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U |
| 2,4,6-trinitrotoluene | SW8330 | UG/L | 5 U | 5 UJ | 5 U |
| 2,4-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U |
| 2,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 UJ | 5 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U |
| 2-nitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U |
| 3-nitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 UJ | 5 U |
| 4-nitrotoluene | SW8330 | UG/L | 5 UJ | 5 U | 5 UJ |
| amino-dnts | SW8330 | UG/L | | | |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | UG/L | 5 U | 5 U | 5 U |
| nitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | UG/L | 5 U | 5 U | 5 U |
| tetryl | SW8330 | UG/L | 5 U | 5 U | 5 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater



| | Location ID | | TW-3 | TW-3 | TW-3 | TW-3-1 | TW-3-1 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 12/14/99 | 12/14/99 | 12/14/99 | 12/14/99 | 12/14/99 |
| | Lab | | Babcock | Onsite | Quanterra | Babcock | Quanterra |
| | Sample Type | | N | N | N | N | FD |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | |
| total dissolved solids | E160.1 | MG/L | | | 888 | | 892 |
| suspended solids | E160.2 | MG/L | | | 3230 | | 3590 |
| chloride (as Cl) | E300-CL | MG/L | | | 154 | | 150 |
| nitrogen, nitrite (as N) | E300-NO2N | MG/L | | | 0.035 U | | 0.035 U |
| nitrogen, nitrate (as N) | E300-NO3N | MG/L | | | 2.7 | | 2.6 |
| perchlorate | E300-PCATE | UG/L | 16 UJ | | | 16 UJ | |
| sulfate (as SO4) | E300-SO4 | MG/L | | | 110 | | 115 |
| total organic carbon | E415.1 | MG/L | | | | | |
| kerosene | M8015B | UG/L | | 72 U | | | |
| motor oils | M8015B | UG/L | | 720 U | | | |
| tph as diesel (c10-c28) | M8015B | UG/L | | 170 J- | | | |
| diesel fuel #2 | M8015B | UG/L | | | | | |
| kerosene | M8015B | UG/L | | | | | |
| motor oils | M8015B | UG/L | | | | | |
| unknown extract. hydrocarbon | M8015B | UG/L | | | | | |
| chloropicrin | SW8270 | UG/L | | | | | |
| 1,1-dimethylhydrazine | SW8315 | UG/L | | | | | |
| hydrazine | SW8315 | UG/L | | | | | |
| methyl hydrazine | SW8315 | UG/L | | | | | |
| nitroglycerin | SW8330M | UG/L | | 25 UR | | | |
| pentaerythritol tetranitrate | SW8330M | UG/L | | 50 UR | | | |

## Table 5-12B. Analytical Results for North Valley - Groundwater
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| | Location ID | | TW-3A | TW-4 | TW-4 | TW-4 | MW-1 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 12/14/99 | 12/14/99 | 12/14/99 | 12/14/99 | 4/11/00 |
| | Lab | | Onsite | Babcock | Onsite | Quanterra | Babcock |
| | Sample Type | | FD | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| total dissolved solids | E160.1 | MG/L | | | | 896 | |
| suspended solids | E160.2 | MG/L | | | | 27000 | |
| chloride (as Cl) | E300-CL | MG/L | | | | 192 | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/L | | | | 0.035 U | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/L | | | | 2.1 | |
| perchlorate | E300-PCATE | UG/L | | 16 UJ | | | 4 U |
| sulfate (as SO4) | E300-SO4 | MG/L | | | | 91.5 | |
| total organic carbon | E415.1 | MG/L | | | | | |
| kerosene | M8015B | UG/L | 60 U | | 61 U | | |
| motor oils | M8015B | UG/L | 600 U | | 860 | | |
| tph as diesel (c10-c28) | M8015B | UG/L | 56 J | | 79 J- | | |
| diesel fuel #2 | M8015B | UG/L | | | | | |
| kerosene | M8015B | UG/L | | | | | |
| motor oils | M8015B | UG/L | | | | | |
| unknown extract. hydrocarbon | M8015B | UG/L | | | | | |
| chloropicrin | SW8270 | UG/L | | | | | |
| 1,1-dimethylhydrazine | SW8315 | UG/L | | | | | |
| hydrazine | SW8315 | UG/L | | | | | |
| methyl hydrazine | SW8315 | UG/L | | | | | |
| nitroglycerin | SW8330M | UG/L | 25 U | | 25 UR | | |
| pentaerythritol tetranitrate | SW8330M | UG/L | 50 U | | 50 UR | | |

## Table 5-12B. Analytical Results for North Valley - Groundwater
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| | Location ID | | MW-1 | MW-1 | MW-1A | MW-1/A | MW-1A |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 4/11/00 | 4/11/00 | 4/11/00 | 4/11/00 | 4/11/00 |
| | Lab | | Quanterra | Truesdail | Babcock | Quanterra | Truesdail |
| | Sample Type | | N | N | FD | FD | FD |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| total dissolved solids | E160.1 | MG/L | 1060 | | | 1070 | |
| suspended solids | E160.2 | MG/L | 1690 | | | 744 | |
| chloride (as Cl) | E300-CL | MG/L | 93.9 | | | 92.4 | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/L | 0.45 J | | | 0.48 J | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/L | 6 | | | 5.9 | |
| perchlorate | E300-PCATE | UG/L | | | 4 U | | |
| sulfate (as SO4) | E300-SO4 | MG/L | 121 | | | 119 | |
| total organic carbon | E415.1 | MG/L | 4.1 | | | 3 | |
| kerosene | M8015B | UG/L | | | | | |
| motor oils | M8015B | UG/L | | | | | |
| tph as diesel (c10-c28) | M8015B | UG/L | | | | | |
| diesel fuel #2 | M8015B | UG/L | 50 UJ | | | 50 UJ | |
| kerosene | M8015B | UG/L | 50 UJ | | | 50 UJ | |
| motor oils | M8015B | UG/L | 500 UJ | | | 500 UJ | |
| unknown extract. hydrocarbon | M8015B | UG/L | 50 UJ | | | 500 UJ | |
| chloropicrin | SW8270 | UG/L | | | | | |
| 1,1-dimethylhydrazine | SW8315 | UG/L | | 5 U | | | 5 U |
| hydrazine | SW8315 | UG/L | | 1 U | | | 1 U |
| methyl hydrazine | SW8315 | UG/L | | 5 U | | | 5 U |
| nitroglycerin | SW8330M | UG/L | 25 U | | | 25 U | |
| pentaerythritol tetranitrate | SW8330M | UG/L | 50 U | | | 50 U | |

## Table 5-12B. Analytical Results for North Valley - Groundwater
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| | Location ID | | MW-2 | MW-2 | MW-2 | MW-3 | MW-3 | MW-3 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - | - |
| | Sample Date | | 4/11/00 | 4/11/00 | 4/11/00 | 4/18/00 | 4/18/00 | 4/18/00 |
| | Lab | | Babcock | Quanterra | Truesdail | Babcock | Quanterra | Truesdail |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| total dissolved solids | E160.1 | MG/L | | 564 | | | 732 | |
| suspended solids | E160.2 | MG/L | | 12 | | | 26 | |
| chloride (as Cl) | E300-CL | MG/L | | 53.1 | | | 79.4 | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/L | | 0.19 | | | 0.035 U | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/L | | 1.8 | | | 2 | |
| perchlorate | E300-PCATE | UG/L | 4 U | | | 4 U | | |
| sulfate (as SO4) | E300-SO4 | MG/L | | 76.5 | | | 75.2 | |
| total organic carbon | E415.1 | MG/L | | 1.8 | | | 2.3 | |
| kerosene | M8015B | UG/L | | | | | | |
| motor oils | M8015B | UG/L | | | | | | |
| tph as diesel (c10-c28) | M8015B | UG/L | | | | | | |
| diesel fuel #2 | M8015B | UG/L | | 50 UJ | | | 50 U | |
| kerosene | M8015B | UG/L | | 50 UJ | | | 50 U | |
| motor oils | M8015B | UG/L | | 500 UJ | | | 500 U | |
| unknown extract. hydrocarbon | M8015B | UG/L | | 50 UJ | | | 50 U | |
| chloropicrin | SW8270 | UG/L | | | | | | |
| 1,1-dimethylhydrazine | SW8315 | UG/L | | | 5 U | | | 5 U |
| hydrazine | SW8315 | UG/L | | | 1 U | | | 1 U |
| methyl hydrazine | SW8315 | UG/L | | | 5 U | | | 5 U |
| nitroglycerin | SW8330M | UG/L | | 25 U | | | 25 U | |
| pentaerythritol tetranitrate | SW8330M | UG/L | | 50 U | | | 50 U | |

## Table 5-12B. Analytical Results for North Valley - Groundwater
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| | Location ID | | MW-3B | MW-3B | MW-3B | MW-3R | MW-4 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 4/24/00 | 4/24/00 | 4/24/00 | 5/03/00 | 4/18/00 |
| | Lab | | Babcock | Quanterra | Truesdail | Quanterra | Babcock |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| total dissolved solids | E160.1 | MG/L | | 536 | | | |
| suspended solids | E160.2 | MG/L | | 18 | | | |
| chloride (as Cl) | E300-CL | MG/L | | 83 | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/L | | 0.035 U | | | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/L | | 0.054 J | | | |
| perchlorate | E300-PCATE | UG/L | 4 U | | | | 4 U |
| sulfate (as SO4) | E300-SO4 | MG/L | | 43 | | | |
| total organic carbon | E415.1 | MG/L | | 0.98 J | | | |
| kerosene | M8015B | UG/L | | | | | |
| motor oils | M8015B | UG/L | | | | | |
| tph as diesel (c10-c28) | M8015B | UG/L | | | | | |
| diesel fuel #2 | M8015B | UG/L | | 50 U | | | |
| kerosene | M8015B | UG/L | | 50 U | | | |
| motor oils | M8015B | UG/L | | 500 U | | | |
| unknown extract. hydrocarbon | M8015B | UG/L | | 50 U | | | |
| chloropicrin | SW8270 | UG/L | | | | 4.7 UJ | |
| 1,1-dimethylhydrazine | SW8315 | UG/L | | | 5 U | | |
| hydrazine | SW8315 | UG/L | | | 1 U | | |
| methyl hydrazine | SW8315 | UG/L | | | 5 U | | |
| nitroglycerin | SW8330M | UG/L | | 25 U | | | |
| pentaerythritol tetranitrate | SW8330M | UG/L | | 50 U | | | |

## Table 5-12B. Analytical Results for North Valley - Groundwater



| | Location ID | | MW-4 | MW-4 | MW-4A | MW-4A | MW-4A |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 4/18/00 | 4/18/00 | 4/18/00 | 4/18/00 | 4/18/00 |
| | Lab | | Quanterra | Truesdail | Babcock | Quanterra | Truesdail |
| | Sample Type | | N | N | FD | FD | FD |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| total dissolved solids | E160.1 | MG/L | 682 | | | 402 | |
| suspended solids | E160.2 | MG/L | 24 | | | 12 | |
| chloride (as Cl) | E300-CL | MG/L | 84 | | | 59 | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/L | 0.19 J | | | 0.035 U | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/L | 1.5 | | | 0.005 U | |
| perchlorate | E300-PCATE | UG/L | | | 4 U | | |
| sulfate (as SO4) | E300-SO4 | MG/L | 67.8 | | | 80.2 | |
| total organic carbon | E415.1 | MG/L | 1.7 | | | 11.4 | |
| kerosene | M8015B | UG/L | | | | | |
| motor oils | M8015B | UG/L | | | | | |
| tph as diesel (c10-c28) | M8015B | UG/L | | | | | |
| diesel fuel #2 | M8015B | UG/L | 50 U | | | 50 U | |
| kerosene | M8015B | UG/L | 50 U | | | 34 J | |
| motor oils | M8015B | UG/L | 500 U | | | 500 U | |
| unknown extract. hydrocarbon | M8015B | UG/L | 500 U | | | 500 U | |
| chloropicrin | SW8270 | UG/L | | | | | |
| 1,1-dimethylhydrazine | SW8315 | UG/L | | 5 U | | | 5 U |
| hydrazine | SW8315 | UG/L | | 1 U | | | 1 U |
| methyl hydrazine | SW8315 | UG/L | | 5 U | | | 5 U |
| nitroglycerin | SW8330M | UG/L | 25 U | | | 25 U | |
| pentaerythritol tetranitrate | SW8330M | UG/L | 50 U | | | 50 U | |

## Table 5-12B. Analytical Results for North Valley - Groundwater
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| | Location ID | | MW-4R | MW-5 | MW-6 | MW-6 | MW-6 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 5/03/00 | 4/19/00 | 4/12/00 | 4/12/00 | 4/12/00 |
| | Lab | | Quanterra | Quanterra | Babcock | Quanterra | Truesdall |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| total dissolved solids | E160.1 | MG/L | | | | 691 | |
| suspended solids | E160.2 | MG/L | | | | 5880 | |
| chloride (as Cl) | E300-CL | MG/L | | | | 122 | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/L | | | | 0.035 U | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/L | | | | 1.4 | |
| perchlorate | E300-PCATE | UG/L | | | 4 U | | |
| sulfate (as SO4) | E300-SO4 | MG/L | | | | 77.6 | |
| total organic carbon | E415.1 | MG/L | | | | 1.7 | |
| kerosene | M8015B | UG/L | | | | | |
| motor oils | M8015B | UG/L | | | | | |
| tph as diesel (c10-c28) | M8015B | UG/L | | | | | |
| diesel fuel #2 | M8015B | UG/L | | 50 U | | 200 U | |
| kerosene | M8015B | UG/L | | | | 200 U | |
| motor oils | M8015B | UG/L | | 500 U | | 1000 U | |
| unknown extract. hydrocarbon | M8015B | UG/L | | 500 U | | 200 U | |
| chloropicrin | SW8270 | UG/L | 4.8 UJ | | | | |
| 1,1-dimethylhydrazine | SW8315 | UG/L | | | | | 5 UJ |
| hydrazine | SW8315 | UG/L | | | | | 1 UJ |
| methyl hydrazine | SW8315 | UG/L | | | | | 5 UJ |
| nitroglycerin | SW8330M | UG/L | | | | 25 U | |
| pentaerythritol tetranitrate | SW8330M | UG/L | | | | 50 U | |

## Table 5-12B. Analytical Results for North Valley - Groundwater
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| | Location ID | | MW-7 | MW-7 | MW-7 | MW-7 | MW-8 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 4/11/00 | 4/11/00 | 4/11/00 | 4/13/00 | 4/11/00 |
| | Lab | | Babcock | Quanterra | Truesdail | Quanterra | Babcock |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| total dissolved solids | E160.1 | MG/L | | 3620 | | | |
| suspended solids | E160.2 | MG/L | | 520 | | | |
| chloride (as Cl) | E300-CL | MG/L | | 1930 | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/L | | 0.7 UJ | | | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/L | | 3.7 J- | | | |
| perchlorate | E300-PCATE | UG/L | 16 U | | | | 4 U |
| sulfate (as SO4) | E300-SO4 | MG/L | | 78.4 | | | |
| total organic carbon | E415.1 | MG/L | | 1.3 | | | |
| kerosene | M8015B | UG/L | | | | | |
| motor oils | M8015B | UG/L | | | | | |
| tph as diesel (c10-c28) | M8015B | UG/L | | | | | |
| diesel fuel #2 | M8015B | UG/L | | 200 U | | | |
| kerosene | M8015B | UG/L | | 200 U | | | |
| motor oils | M8015B | UG/L | | 1000 U | | | |
| unknown extract. hydrocarbon | M8015B | UG/L | | 200 U | | | |
| chloropicrin | SW8270 | UG/L | | | | | |
| 1,1-dimethylhydrazine | SW8315 | UG/L | | | 5 U | | |
| hydrazine | SW8315 | UG/L | | | 1 U | | |
| methyl hydrazine | SW8315 | UG/L | | | 5 U | | |
| nitroglycerin | SW8330M | UG/L | | | | 25 U | |
| pentaerythritol tetranitrate | SW8330M | UG/L | | | | 50 U | |

## Table 5-12B. Analytical Results for North Valley - Groundwater
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| | Location ID | | MW-8 | MW-8 | MW-9 | MW-9 | MW-9 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 4/11/00 | 4/11/00 | 4/11/00 | 4/11/00 | 4/11/00 |
| | Lab | | Quanterra | Truesdail | Babcock | Quanterra | Truesdail |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| total dissolved solids | E160.1 | MG/L | 865 | | | 766 | |
| suspended solids | E160.2 | MG/L | 4040 | | | 68 | |
| chloride (as Cl) | E300-CL | MG/L | 221 | | | 173 | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/L | 0.7 J- | | | 0.65 J- | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/L | 0.92 | | | 1.4 | |
| perchlorate | E300-PCATE | UG/L | | | 4 U | | |
| sulfate (as SO4) | E300-SO4 | MG/L | 100 | | | 77.9 | |
| total organic carbon | E415.1 | MG/L | 1.4 | | | 1.9 | |
| kerosene | M8015B | UG/L | | | | | |
| motor oils | M8015B | UG/L | | | | | |
| tph as diesel (c10-c28) | M8015B | UG/L | | | | | |
| diesel fuel #2 | M8015B | UG/L | 50 UJ | | | 50 UJ | |
| kerosene | M8015B | UG/L | 50 UJ | | | 50 UJ | |
| motor oils | M8015B | UG/L | 500 UJ | | | 500 UJ | |
| unknown extract. hydrocarbon | M8015B | UG/L | 500 UJ | | | | |
| chloropicrin | SW8270 | UG/L | | | | | |
| 1,1-dimethylhydrazine | SW8315 | UG/L | | 5 U | | | 5 U |
| hydrazine | SW8315 | UG/L | | 1 U | | | 1 UJ |
| methyl hydrazine | SW8315 | UG/L | | 5 U | | | 5 U |
| nitroglycerin | SW8330M | UG/L | 25 U | | | 25 U | |
| pentaerythritol tetranitrate | SW8330M | UG/L | 50 U | | | 50 U | |

## Table 5-12B. Analytical Results for North Valley - Groundwater
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| | Location ID | | MW-13 | MW-13 | MW-13 | MW-14 | MW-14 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 4/12/00 | 4/12/00 | 4/12/00 | 4/11/00 | 4/11/00 |
| | Lab | | Babcock | Quanterra | Truesdail | Babcock | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| total dissolved solids | E160.1 | MG/L | | 629 | | | 538 |
| suspended solids | E160.2 | MG/L | | 90 | | | 432 |
| chloride (as Cl) | E300-CL | MG/L | | 66.5 | | | 57.9 |
| nitrogen, nitrite (as N) | E300-NO2N | MG/L | | 0.035 U | | | 0.16 |
| nitrogen, nitrate (as N) | E300-NO3N | MG/L | | 4.8 | | | 1 |
| perchlorate | E300-PCATE | UG/L | 4 U | | | 4 U | |
| sulfate (as SO4) | E300-SO4 | MG/L | | 72.9 | | | 78 |
| total organic carbon | E415.1 | MG/L | | 3.4 | | | 2.5 |
| kerosene | M8015B | UG/L | | | | | |
| motor oils | M8015B | UG/L | | | | | |
| tph as diesel (c10-c28) | M8015B | UG/L | | | | | |
| diesel fuel #2 | M8015B | UG/L | | 200 U | | | 50 UJ |
| kerosene | M8015B | UG/L | | 200 U | | | 50 UJ |
| motor oils | M8015B | UG/L | | 1000 U | | | 500 UJ |
| unknown extract. hydrocarbon | M8015B | UG/L | | 200 U | | | 50 UJ |
| chloropicrin | SW8270 | UG/L | | | | | |
| 1,1-dimethylhydrazine | SW8315 | UG/L | | | 5 U | | |
| hydrazine | SW8315 | UG/L | | | 1 U | | |
| methyl hydrazine | SW8315 | UG/L | | | 5 U | | |
| nitroglycerin | SW8330M | UG/L | | 25 U | | | 25 U |
| pentaerythritol tetranitrate | SW8330M | UG/L | | 50 U | | | 50 U |

## Table 5-12B. Analytical Results for North Valley - Groundwater
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| | Location ID | | MW-14 | MW-15 | MW-15 | MW-15 |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 4/11/00 | 4/12/00 | 4/12/00 | 4/12/00 |
| | Lab | | Truesdail | Babcock | Quanterra | Truesdail |
| | Sample Type | | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | |
| total dissolved solids | E160.1 | MG/L | | | 829 | |
| suspended solids | E160.2 | MG/L | | | 1850 | |
| chloride (as Cl) | E300-CL | MG/L | | | 78.6 | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/L | | | 0.035 U | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/L | | | 1.1 | |
| perchlorate | E300-PCATE | UG/L | | 4 U | | |
| sulfate (as SO4) | E300-SO4 | MG/L | | | 92.6 | |
| total organic carbon | E415.1 | MG/L | | | 2.3 | |
| kerosene | M8015B | UG/L | | | | |
| motor oils | M8015B | UG/L | | | | |
| tph as diesel (c10-c28) | M8015B | UG/L | | | | |
| diesel fuel #2 | M8015B | UG/L | | | 200 U | |
| kerosene | M8015B | UG/L | | | 200 U | |
| motor oils | M8015B | UG/L | | | 1000 U | |
| unknown extract. hydrocarbon | M8015B | UG/L | | | 200 U | |
| chloropicrin | SW8270 | UG/L | | | | |
| 1,1-dimethylhydrazine | SW8315 | UG/L | 5 U | | | 5 U |
| hydrazine | SW8315 | UG/L | 1 U | | | 1 U |
| methyl hydrazine | SW8315 | UG/L | 5 U | | | 5 U |
| nitroglycerin | SW8330M | UG/L | | | 25 U | |
| pentaerythritol tetranitrate | SW8330M | UG/L | | | 50 U | |

## Table 5-12C. Analytical Results for North Valley - Seeps

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| | Location ID | | NV-S1 | NV-S2 | NV-S2A | NV-S3 |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 3/29/00 | 3/29/00 | 3/29/00 | 4/18/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | FD | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | |
| aluminum (filtered) | SW6010B-F | MG/L | 0.043 U | 0.075 J | 0.12 J | 0.043 U |
| antimony (filtered) | SW6010B-F | MG/L | 0.0022 U | 0.0022 U | 0.0022 U | 0.0022 U |
| arsenic (filtered) | SW6010B-F | MG/L | 0.0042 U | 0.0042 U | 0.0042 U | 0.0042 U |
| barium (filtered) | SW6010B-F | MG/L | 0.11 | 0.13 | 0.12 | 0.24 |
| beryllium (filtered) | SW6010B-F | MG/L | 0.00009 U | 0.00009 U | 0.00009 U | 0.00009 U |
| cadmium (filtered) | SW6010B-F | MG/L | 0.00037 U | 0.00037 U | 0.00037 U | 0.00037 U |
| calcium (filtered) | SW6010B-F | MG/L | 79.4 | 42 | 40.3 | 96.7 |
| chromium, total (filtered) | SW6010B-F | MG/L | 0.0028 U | 0.0028 U | 0.0028 U | 0.0028 U |
| cobalt (filtered) | SW6010B-F | MG/L | 0.0074 U | 0.0089 J | 0.013 J | 0.0076 UJ |
| copper (filtered) | SW6010B-F | MG/L | 0.0038 J | 0.0027 J | 0.0032 J | 0.0054 J |
| iron (filtered) | SW6010B-F | MG/L | 0.055 J | 0.16 J | 0.17 J | 0.054 UJ |
| lead (filtered) | SW6010B-F | MG/L | 0.0018 U | 0.002 J | 0.0018 U | 0.0018 U |
| magnesium (filtered) | SW6010B-F | MG/L | 31.6 | 28.1 | 27.4 | 34.8 |
| manganese (filtered) | SW6010B-F | MG/L | 0.059 | 0.81 | 0.61 | 1.4 |
| molybdenum (filtered) | SW6010B-F | MG/L | 0.0015 U | 0.0015 U | 0.0015 U | 0.0015 U |
| nickel (filtered) | SW6010B-F | MG/L | 0.0018 J | 0.0036 J | 0.0033 J | 0.0034 J |
| phosphorus, total as P (filtered) | SW6010B-F | MG/L | 0.12 U | 0.12 U | 0.12 U | 0.12 U |
| potassium (filtered) | SW6010B-F | MG/L | 2.8 | 1.5 | 1.8 | 4 J |
| selenium (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| silver (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| sodium (filtered) | SW6010B-F | MG/L | 38.7 | 71.8 | 68.4 | 46.5 |
| thallium (filtered) | SW6010B-F | MG/L | 0.003 U | 0.003 U | 0.003 U | 0.003 U |
| vanadium (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0053 J | 0.0032 U | 0.0032 U |
| zinc (filtered) | SW6010B-F | MG/L | 0.041 | 0.045 | 0.04 | 0.032 |
| mercury (filtered) | SW7470A-F | MG/L | 0.000049 U | 0.000049 U | 0.000049 U | 0.000049 U |

## Table 5-12C. Analytical Results for North Valley - Seeps
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| | Location ID | | NV-S1 | NV-S2 | NV-S2A | NV-S3 |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 3/29/00 | 3/29/00 | 3/29/00 | 4/18/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | FD | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | |
| aldrin | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha endosulfan | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha-chlordane | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| beta BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| beta endosulfan | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| delta BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| dieldrin | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endosulfan sulfate | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin aldehyde | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin ketone | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| gamma BHC (lindane) | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| gamma-chlordane | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| heptachlor | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| heptachlor epoxide | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| methoxychlor | SW8081A | UG/L | 2 U | 2 U | 2 U | 2 U |
| p,p'-DDD | SW8081A | UG/L | 0.1 U | 0.1 U | 0.0077 J | 0.1 U |
| p,p'-DDE | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| p,p'-DDT | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| toxaphene | SW8081A | UG/L | 2 U | 2 U | 2 U | 2 U |

## Table 5-12C. Analytical Results for North Valley - Seeps
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| | Location ID | | NV-S1 | NV-S2 | NV-S2A | NV-S3 |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 3/29/00 | 3/29/00 | 3/29/00 | 4/18/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | FD | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,1,1-trichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,1,2,2-tetrachloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-trichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,1-dichloroethane | SW8260B | UG/L | 3 U | 3 U | 3 U | 3 U |
| 1,1-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,1-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,2,3-trichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,2,3-trichloropropane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| 1,2,4-trichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,2,4-trimethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,2-dibromo-3-chloropropane | SW8260B | UG/L | 2 UR | 2 UR | 2 UR | 2 U |
| 1,2-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,2-dichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,2-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,3,5-trimethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,3-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,3-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,4-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 2,2-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 2-butanone | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 10 UJ |
| 2-chloroethyl vinyl ether | SW8260B | UG/L | 5 UR | 5 UR | 5 UR | 5 UR |
| 2-chlorotoluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 2-hexanone | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 10 UJ |
| 4-chlorotoluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 4-methyl-2-pentanone | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 10 U |
| acetone | SW8260B | UG/L | 10 UJ | 2.1 UJ | 2.8 UJ | 1.7 UJ |
| benzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| bromobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |

## Table 5-12C. Analytical Results for North Valley - Seeps
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| | Location ID | | NV-S1 | NV-S2 | NV-S2A | NV-S3 |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 3/29/00 | 3/29/00 | 3/29/00 | 4/18/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | FD | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | |
| bromochloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| bromodichloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| bromoform | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| bromomethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 UJ |
| carbon disulfide | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| carbon tetrachloride | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| chlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| chloroethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| chloroform | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| chloromethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| cis-1,2-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| cis-1,3-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| dibromochloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| dibromomethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| dichlorodifluoromethane | SW8260B | UG/L | 2 U | 2 U | 2 UJ | 2 U |
| ethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| ethylene dibromide | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| Freon 113 | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| hexachlorobutadiene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| isopropylbenzene (cumene) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| methylene chloride | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| n-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| n-propylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| naphthalene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| p-cymene (p-isopropyltoluene) | SW8260B | UG/L | 1 U | 0.61 J | 0.35 J | 1 U |
| sec-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| styrene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| t-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| tert-butyl methyl ether | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |

## Table 5-12C. Analytical Results for North Valley - Seeps
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| | Location ID | | NV-S1 | NV-S2 | NV-S2A | NV-S3 |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 3/29/00 | 3/29/00 | 3/29/00 | 4/18/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | FD | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | |
| tetrachloroethene (PCE) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| toluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| trans-1,2-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| trans-1,3-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| trichloroethene (TCE) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| trichlorofluoromethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| vinyl acetate | SW8260B | UG/L | 10 UJ | 10 UJ | 10 U | 10 UJ |
| vinyl chloride | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| xylene (m,p) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| xylene (o) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |

## Table 5-12C. Analytical Results for North Valley - Seeps
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| | Location ID | | NV-S1 | NV-S2 | NV-S2A | NV-S3 |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 3/29/00 | 3/29/00 | 3/29/00 | 4/18/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | FD | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | |
| acenaphthene | SW8310 | UG/L | 2 U | 2 U | 2 U | 2 U |
| acenapthylene | SW8310 | UG/L | 2 U | 2 U | 5.8 | 0.84 J |
| anthracene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 UJ | 0.1 U |
| benzo(a)anthracene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| benzo(a)pyrene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| benzo(b)fluoranthene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| benzo(g,h,i)perylene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 UJ | 0.2 U |
| benzo(k)fluoranthene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| chrysene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 UJ | 0.1 U |
| dibenz(a,h)anthracene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| fluoranthene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| fluorene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 UJ | 0.2 U |
| indeno(1,2,3-c,d)pyrene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| naphthalene | SW8310 | UG/L | 1 U | 1 U | 1 UJ | 1 U |
| phenanthrene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |

## Table 5-12C. Analytical Results for North Valley - Seeps



| | | Location ID | NV-S1 | NV-S2 | NV-S2A | NV-S3 |
|---|---|---|---|---|---|---|
| | | Sample Depth | - | - | - | - |
| | | Sample Date | 3/29/00 | 3/29/00 | 3/29/00 | 4/18/00 |
| | | Lab | Quanterra | Quanterra | Quanterra | Quanterra |
| | | Sample Type | N | N | FD | N |
| | | Event | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | |
| 1,3,5-trinitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 1,3-dinitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2,4,6-trinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 0.17 J |
| 2,4-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2-nitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 3-nitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 UJ |
| 4-amino-2,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 0.38 J |
| 4-nitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 UJ |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 UJ |
| nitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| tetryl | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |

## Table 5-12C. Analytical Results for North Valley - Seeps
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| | Location ID | | NV-S1 | NV-S1 | NV-S1 | NV-S2 | NV-S2 | NV-S2 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - | - |
| | Sample Date | | 3/29/00 | 3/29/00 | 3/29/00 | 3/29/00 | 3/29/00 | 3/29/00 |
| | Lab | | Babcock | Quanterra | Truesdail | Babcock | Quanterra | Truesdail |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| total dissolved solids | E160.1 | MG/L | | | | | | |
| suspended solids | E160.2 | MG/L | | | | | | |
| chloride (as Cl) | E300-CL | MG/L | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/L | | | | | | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/L | | | | | | |
| perchlorate | E300-PCATE | UG/L | 16 U | | | 4 U | | |
| sulfate (as SO4) | E300-SO4 | MG/L | | | | | | |
| total organic carbon | E415.1 | MG/L | | 4.2 | | | 7.8 | |
| diesel fuel #2 | M8015B | UG/L | | 200 U | | | 200 U | |
| kerosene | M8015B | UG/L | | 200 U | | | 200 U | |
| motor oils | M8015B | UG/L | | 1000 U | | | 1000 U | |
| unknown extract. hydrocarbon | M8015B | UG/L | | 200 U | | | 200 U | |
| 1,1-dimethylhydrazine | SW8315 | UG/L | | | 5 U | | | 5 UJ |
| hydrazine | SW8315 | UG/L | | | 1 U | | | 1 U |
| methyl hydrazine | SW8315 | UG/L | | | 5 U | | | 5 U |
| nitroglycerin | SW8330M | UG/L | | | | | | |
| pentaerythritol tetranitrate | SW8330M | UG/L | | | | | | |

## Table 5-12C. Analytical Results for North Valley - Seeps
(Page 9 of 9)

| | Location ID | | NV-S2A | NV-S2A | NV-S2A | NV-S3 | NV-S3 | NV-S3 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - | - |
| | Sample Date | | 3/29/00 | 3/29/00 | 3/29/00 | 4/18/00 | 4/18/00 | 4/18/00 |
| | Lab | | Babcock | Quanterra | Truesdail | Babcock | Quanterra | Truesdail |
| | Sample Type | | FD | FD | FD | N | N | N |
| | Event | | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | | |
| total dissolved solids | E160.1 | MG/L | | | | | 625 | |
| suspended solids | E160.2 | MG/L | | | | | 746 | |
| chloride (as Cl) | E300-CL | MG/L | | | | | 123 | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/L | | | | | 0.035 U | |
| nitrogen, nitrate (as N) | E300-NO3N | MG/L | | | | | 0.42 | |
| perchlorate | E300-PCATE | UG/L | 4 U | | | 4 U | | |
| sulfate (as SO4) | E300-SO4 | MG/L | | | | | 56.2 | |
| total organic carbon | E415.1 | MG/L | | 7.8 | | | 19.4 | |
| diesel fuel #2 | M8015B | UG/L | | 200 U | | | 50 U | |
| kerosene | M8015B | UG/L | | 200 U | | | 50 U | |
| motor oils | M8015B | UG/L | | 1000 U | | | 500 U | |
| unknown extract. hydrocarbon | M8015B | UG/L | | 200 U | | | 50 U | |
| 1,1-dimethylhydrazine | SW8315 | UG/L | | | 5 U | | | 5 U |
| hydrazine | SW8315 | UG/L | | | 1 U | | | 1 U |
| methyl hydrazine | SW8315 | UG/L | | | 5 U | | | 5 U |
| nitroglycerin | SW8330M | UG/L | | 25 U | | | 25 U | |
| pentaerythritol tetranitrate | SW8330M | UG/L | | 50 U | | | 50 U | |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-1 | MW-2 | MW-2/A | MW-3 | MW-3B |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 8/11/00 | 8/7/00 | 8/7/00 | 8/9/00 | 8/8/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | | |
| aluminum | SW6010B | MG/L | 16.9 J+ | 0.78 | 2.2 | 0.28 | 0.068 J |
| antimony | SW6010B | MG/L | 0.045 UJ | 0.031 U | 0.031 U | 0.031 U | 0.031 U |
| arsenic | SW6010B | MG/L | 0.0078 J | 0.0042 U | 0.0042 U | 0.0042 U | 0.0042 U |
| barium | SW6010B | MG/L | 0.25 | 0.042 | 0.048 | 0.11 | 0.087 |
| beryllium | SW6010B | MG/L | 0.00009 U | 0.00009 U | 0.00009 U | 0.00009 U | 0.00009 U |
| cadmium | SW6010B | MG/L | 0.00037 U | 0.00037 U | 0.00037 U | 0.00037 U | 0.00037 U |
| calcium | SW6010B | MG/L | 63.5 | 71.6 | 68.9 | 85.6 | 37.7 |
| chromium, total | SW6010B | MG/L | 0.036 | 0.003 J | 0.0075 J | 0.0028 U | 0.0028 U |
| cobalt | SW6010B | MG/L | 0.0082 J | 0.0074 U | 0.0074 U | 0.0074 U | 0.0074 U |
| copper | SW6010B | MG/L | 0.031 | 0.0021 U | 0.003 J | 0.0021 U | 0.0021 U |
| iron | SW6010B | MG/L | 21.1 | 0.82 | 2.4 | 0.3 | 0.23 |
| lead | SW6010B | MG/L | 0.0028 J | 0.0018 U | 0.0018 U | 0.0018 U | 0.0018 U |
| magnesium | SW6010B | MG/L | 75.2 | 39.5 | 38.3 | 50.4 | 24 |
| manganese | SW6010B | MG/L | 0.39 | 0.028 | 0.076 | 0.0085 | 0.2 |
| molybdenum | SW6010B | MG/L | 0.0024 J | 0.0015 U | 0.0015 U | 0.0015 U | 0.0015 U |
| nickel | SW6010B | MG/L | 0.029 | 0.0016 J | 0.0034 J | 0.0012 U | 0.0012 J |
| phosphorus, total (as P) | SW6010B | MG/L | 0.19 J | 0.12 U | 0.12 U | 0.12 U | 0.12 U |
| potassium | SW6010B | MG/L | 3.9 J | 1.9 J | 2.9 J | 1.2 J | 4.1 J |
| selenium | SW6010B | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| silver | SW6010B | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| sodium | SW6010B | MG/L | 241 | 84.8 | 82.2 | 104 | 125 |
| strontium | SW6010B | MG/L | 1.5 | 0.89 | 0.84 | 1.2 | 2.2 |
| thallium | SW6010B | MG/L | 0.003 U | 0.003 U | 0.003 U | 0.003 U | 0.003 U |
| vanadium | SW6010B | MG/L | 0.051 | 0.0032 U | 0.0085 J | 0.0032 U | 0.0032 U |
| zinc | SW6010B | MG/L | 0.054 | 0.014 UJ | 0.013 UJ | 0.0094 UJ | 0.0047 UJ |
| mercury | SW7470A | MG/L | 0.000049 U | 0.000049 U | 0.000049 U | 0.000049 U | 0.000051 J |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-3B/A | MW-4 | MW-4A | MW-4A/A |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 8/8/00 | 8/8/00 | 8/4/00 | 8/3/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | |
| aluminum | SW6010B | MG/L | 0.043 U | 10.4 | 2.1 J | 1.1 J |
| antimony | SW6010B | MG/L | 0.031 U | 0.031 U | 0.031 U | 0.031 U |
| arsenic | SW6010B | MG/L | 0.0042 U | 0.0042 U | 0.0086 J | 0.0088 J |
| barium | SW6010B | MG/L | 0.084 | 0.31 | 0.11 | 0.12 |
| beryllium | SW6010B | MG/L | 0.00009 U | 0.00009 U | 0.00009 U | 0.00009 U |
| cadmium | SW6010B | MG/L | 0.00037 U | 0.00037 U | 0.00037 U | 0.00037 U |
| calcium | SW6010B | MG/L | 38.4 | 90.8 | 22.7 | 22.6 |
| chromium, total | SW6010B | MG/L | 0.0028 U | 0.02 | 0.005 J | 0.0028 U |
| cobalt | SW6010B | MG/L | 0.0074 U | 0.0084 J | 0.0074 U | 0.0074 U |
| copper | SW6010B | MG/L | 0.0031 J | 0.023 J | 0.0052 J | 0.0021 U |
| iron | SW6010B | MG/L | 0.11 J | 10.2 | 2.6 | 1.9 |
| lead | SW6010B | MG/L | 0.0018 U | 0.0037 | 0.0018 U | 0.0018 U |
| magnesium | SW6010B | MG/L | 24.7 | 51.2 | 16.2 | 16.4 |
| manganese | SW6010B | MG/L | 0.2 | 0.19 | 0.3 | 0.32 |
| molybdenum | SW6010B | MG/L | 0.0015 U | 0.0015 U | 0.019 J | 0.019 J |
| nickel | SW6010B | MG/L | 0.0012 U | 0.017 J | 0.0071 J | 0.0075 J |
| phosphorus, total (as P) | SW6010B | MG/L | 0.12 U | 0.3 | 0.19 J | 0.14 J |
| potassium | SW6010B | MG/L | 4.4 J | 2.6 J | 3.2 J | 2.4 J |
| selenium | SW6010B | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| silver | SW6010B | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| sodium | SW6010B | MG/L | 130 | 73.1 | 199 | 211 |
| strontium | SW6010B | MG/L | 2.2 | 1.1 | 0.75 | 0.8 |
| thallium | SW6010B | MG/L | 0.003 U | 0.003 U | 0.003 U | 0.0058 UJ |
| vanadium | SW6010B | MG/L | 0.0032 U | 0.026 | 0.0045 J | 0.0032 U |
| zinc | SW6010B | MG/L | 0.012 UJ | 0.083 | 0.012 UJ | 0.01 UJ |
| mercury | SW7470A | MG/L | 0.000049 U | 0.00009 J | 0.000049 U | 0.000049 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-6 | MW-8 | MW-9 | MW-14 |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 8/14/00 | 8/11/00 | 8/11/00 | 8/3/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | |
| aluminum | SW6010B | MG/L | 9.9 | 1.7 J+ | 11.2 J+ | 5.5 J |
| antimony | SW6010B | MG/L | 0.031 U | 0.044 UJ | 0.031 U | 0.031 U |
| arsenic | SW6010B | MG/L | 0.0042 U | 0.0042 U | 0.0042 U | 0.0042 U |
| barium | SW6010B | MG/L | 0.2 | 0.21 | 0.21 | 0.057 |
| beryllium | SW6010B | MG/L | 0.00009 U | 0.00009 U | 0.00009 U | 0.00009 U |
| cadmium | SW6010B | MG/L | 0.00037 U | 0.00037 U | 0.00037 U | 0.00037 U |
| calcium | SW6010B | MG/L | 109 | 88.4 | 80.3 | 59.6 |
| chromium, total | SW6010B | MG/L | 0.017 | 0.0028 U | 0.02 | 0.01 |
| cobalt | SW6010B | MG/L | 0.0074 U | 0.0074 U | 0.0074 U | 0.0074 U |
| copper | SW6010B | MG/L | 0.016 J | 0.003 J | 0.017 J | 0.0082 J |
| iron | SW6010B | MG/L | 11.4 | 1.9 | 11.3 | 6.3 |
| lead | SW6010B | MG/L | 0.0019 J | 0.0018 U | 0.0021 J | 0.0018 U |
| magnesium | SW6010B | MG/L | 48.8 | 89.7 | 51.9 | 36.4 |
| manganese | SW6010B | MG/L | 0.26 | 0.038 | 0.38 | 0.16 |
| molybdenum | SW6010B | MG/L | 0.0015 U | 0.0015 U | 0.0017 J | 0.0015 U |
| nickel | SW6010B | MG/L | 0.018 J | 0.0022 J | 0.019 J | 0.0093 J |
| phosphorus, total (as P) | SW6010B | MG/L | 0.12 U | 0.2 J | 0.19 J | 0.12 J |
| potassium | SW6010B | MG/L | 3.8 J | 1.4 J | 3.3 J | 2.1 J |
| selenium | SW6010B | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| silver | SW6010B | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| sodium | SW6010B | MG/L | 83.9 | 90 | 123 | 84.4 |
| strontium | SW6010B | MG/L | 0.92 | 1.6 | 1.2 | 0.52 |
| thallium | SW6010B | MG/L | 0.003 U | 0.003 U | 0.003 U | 0.003 U |
| vanadium | SW6010B | MG/L | 0.025 | 0.0067 J | 0.024 | 0.016 |
| zinc | SW6010B | MG/L | 0.036 | 0.006 UJ | 0.03 | 0.019 J |
| mercury | SW7470A | MG/L | 0.000074 J | 0.000049 U | 0.000049 U | 0.000049 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-1 | MW-2 | MW-2/A | MW-3 | MW-3B |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 8/11/00 | 8/7/00 | 8/7/00 | 8/9/00 | 8/8/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | | |
| aluminum (filtered) | SW6010B-F | MG/L | 0.075 J | 0.043 U | 0.043 U | 0.043 U | 0.043 U |
| antimony (filtered) | SW6010B-F | MG/L | 0.031 U | 0.031 U | 0.031 U | 0.031 U | 0.031 U |
| arsenic (filtered) | SW6010B-F | MG/L | 0.0042 U | 0.0042 U | 0.0042 U | 0.0042 U | 0.0042 U |
| barium (filtered) | SW6010B-F | MG/L | 0.1 | 0.038 | 0.04 | 0.11 | 0.09 |
| beryllium (filtered) | SW6010B-F | MG/L | 0.00009 U | 0.00009 U | 0.00009 U | 0.00009 U | 0.00009 U |
| cadmium (filtered) | SW6010B-F | MG/L | 0.00037 U | 0.00037 U | 0.00037 U | 0.00037 U | 0.00037 U |
| calcium (filtered) | SW6010B-F | MG/L | 57.4 | 71 | 75.1 | 89.4 | 40.1 |
| chromium, total (filtered) | SW6010B-F | MG/L | 0.0028 U | 0.0028 U | 0.0028 U | 0.0028 U | 0.0028 U |
| cobalt (filtered) | SW6010B-F | MG/L | 0.0074 U | 0.0074 U | 0.0074 U | 0.0074 U | 0.0077 U |
| copper (filtered) | SW6010B-F | MG/L | 0.0021 U | 0.0021 U | 0.0021 U | 0.0021 U | 0.0021 U |
| iron (filtered) | SW6010B-F | MG/L | 0.089 J | 0.0039 U | 0.0039 U | 0.0064 J | 0.13 J |
| lead (filtered) | SW6010B-F | MG/L | 0.0018 U | 0.0018 U | 0.0018 U | 0.0018 U | 0.0018 U |
| magnesium (filtered) | SW6010B-F | MG/L | 73.3 | 38.7 | 41.1 | 51.9 | 25.4 |
| manganese (filtered) | SW6010B-F | MG/L | 0.011 | 0.0049 J | 0.0063 | 0.0066 | 0.22 |
| molybdenum (filtered) | SW6010B-F | MG/L | 0.0015 U | 0.0015 U | 0.0015 U | 0.0015 U | 0.0017 J |
| nickel (filtered) | SW6010B-F | MG/L | 0.0012 U | 0.0012 U | 0.0012 U | 0.0012 U | 0.0012 U |
| phosphorus, total as P (filtered) | SW6010B-F | MG/L | 0.12 U | 0.12 U | 0.12 U | 0.12 U | 0.12 U |
| potassium (filtered) | SW6010B-F | MG/L | 0.83 J | 1.8 J | 1.9 J | 1.6 J | 4.8 J |
| selenium (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| silver (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| sodium (filtered) | SW6010B-F | MG/L | 248 | 83 | 88.5 | 106 | 132 |
| strontium (filtered) | SW6010B-F | MG/L | 1.4 | 0.86 | 0.89 | 1.1 | 2.3 |
| thallium (filtered) | SW6010B-F | MG/L | 0.003 U | 0.003 U | 0.003 UJ | 0.003 U | 0.003 U |
| vanadium (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| zinc (filtered) | SW6010B-F | MG/L | 0.011 UJ | 0.011 J | 0.011 J | 0.041 | 0.0088 J |
| mercury (filtered) | SW7470A-F | MG/L | 0.000049 U | 0.000049 U | 0.000049 U | 0.000049 U | 0.000049 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-3B/A | MW-4 | MW-4A | MW-4A/A |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 8/8/00 | 8/8/00 | 8/4/00 | 8/3/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | |
| aluminum (filtered) | SW6010B-F | MG/L | 0.043 U | 0.043 U | 0.043 U | 0.043 U |
| antimony (filtered) | SW6010B-F | MG/L | 0.031 U | 0.031 U | 0.031 U | 0.031 U |
| arsenic (filtered) | SW6010B-F | MG/L | 0.0042 U | 0.0042 U | 0.011 | 0.01 |
| barium (filtered) | SW6010B-F | MG/L | 0.08 | 0.21 | 0.09 | 0.092 |
| beryllium (filtered) | SW6010B-F | MG/L | 0.00009 U | 0.00009 U | 0.00009 U | 0.00009 U |
| cadmium (filtered) | SW6010B-F | MG/L | 0.00037 U | 0.00037 U | 0.00037 U | 0.00037 U |
| calcium (filtered) | SW6010B-F | MG/L | 38.2 | 97.7 | 25.2 | 26 |
| chromium, total (filtered) | SW6010B-F | MG/L | 0.0028 U | 0.0028 U | 0.0028 U | 0.0028 U |
| cobalt (filtered) | SW6010B-F | MG/L | 0.0074 U | 0.0074 U | 0.0074 U | 0.0074 U |
| copper (filtered) | SW6010B-F | MG/L | 0.0021 U | 0.0021 U | 0.0021 U | 0.0021 U |
| iron (filtered) | SW6010B-F | MG/L | 0.097 J | 0.0039 U | 0.12 J | 0.085 J |
| lead (filtered) | SW6010B-F | MG/L | 0.0018 U | 0.0018 U | 0.0018 U | 0.0018 U |
| magnesium (filtered) | SW6010B-F | MG/L | 24.3 | 54.2 | 17.9 | 18.4 |
| manganese (filtered) | SW6010B-F | MG/L | 0.2 | 0.0081 | 0.26 | 0.27 |
| molybdenum (filtered) | SW6010B-F | MG/L | 0.0015 U | 0.0015 U | 0.019 J | 0.022 |
| nickel (filtered) | SW6010B-F | MG/L | 0.0012 U | 0.0012 U | 0.0017 J | 0.002 J |
| phosphorus, total as P (filtered) | SW6010B-F | MG/L | 0.12 U | 0.12 U | 0.14 J | 0.12 J |
| potassium (filtered) | SW6010B-F | MG/L | 4.3 J | 1.4 J | 3.2 J | 3.9 J |
| selenium (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| silver (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| sodium (filtered) | SW6010B-F | MG/L | 126 | 81.5 | 197 | 201 |
| strontium (filtered) | SW6010B-F | MG/L | 2.1 | 1.1 | 0.83 | 0.85 |
| thallium (filtered) | SW6010B-F | MG/L | 0.003 U | 0.003 U | 0.003 U | 0.003 U |
| vanadium (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| zinc (filtered) | SW6010B-F | MG/L | 0.0085 J | 0.017 J | 0.0064 UJ | 0.0037 UJ |
| mercury (filtered) | SW7470A-F | MG/L | 0.000049 U | 0.000049 U | 0.000049 U | 0.000049 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-6 | MW-8 | MW-9 | MW-14 |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 8/14/00 | 8/11/00 | 8/14/00 | 8/3/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | |
| aluminum (filtered) | SW6010B-F | MG/L | 0.057 J | 0.043 U | 0.043 U | 0.043 U |
| antimony (filtered) | SW6010B-F | MG/L | 0.031 U | 0.031 U | 0.031 U | 0.031 U |
| arsenic (filtered) | SW6010B-F | MG/L | 0.0042 U | 0.0042 U | 0.0042 U | 0.0042 U |
| barium (filtered) | SW6010B-F | MG/L | 0.12 | 0.17 | 0.14 | 0.021 |
| beryllium (filtered) | SW6010B-F | MG/L | 0.00009 U | 0.00009 U | 0.00009 U | 0.00009 U |
| cadmium (filtered) | SW6010B-F | MG/L | 0.00037 U | 0.00037 U | 0.00037 U | 0.00037 U |
| calcium (filtered) | SW6010B-F | MG/L | 110 | 89.9 | 82 | 61.7 |
| chromium, total (filtered) | SW6010B-F | MG/L | 0.0028 U | 0.0028 U | 0.0028 U | 0.003 J |
| cobalt (filtered) | SW6010B-F | MG/L | 0.0074 U | 0.0074 U | 0.0074 U | 0.0074 U |
| copper (filtered) | SW6010B-F | MG/L | 0.0021 U | 0.0021 U | 0.0021 U | 0.0021 U |
| iron (filtered) | SW6010B-F | MG/L | 0.086 | 0.011 UJ | 0.032 UJ | 0.0039 U |
| lead (filtered) | SW6010B-F | MG/L | 0.0018 U | 0.0018 U | 0.0018 U | 0.0018 U |
| magnesium (filtered) | SW6010B-F | MG/L | 46 | 89.5 | 49.2 | 36.4 |
| manganese (filtered) | SW6010B-F | MG/L | 0.015 | 0.0093 UJ | 0.015 UJ | 0.0094 |
| molybdenum (filtered) | SW6010B-F | MG/L | 0.0015 U | 0.0015 U | 0.0015 U | 0.0015 U |
| nickel (filtered) | SW6010B-F | MG/L | 0.0012 U | 0.0012 U | 0.0012 U | 0.0012 U |
| phosphorus, total as P (filtered) | SW6010B-F | MG/L | 0.12 U | 0.12 U | 0.12 U | 0.13 J |
| potassium (filtered) | SW6010B-F | MG/L | 2.4 J | 0.6 U | 1.5 J | 2.3 J |
| selenium (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0039 J | 0.0032 U | 0.0032 U |
| silver (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| sodium (filtered) | SW6010B-F | MG/L | 79.4 | 87.8 | 121 | 87.4 |
| strontium (filtered) | SW6010B-F | MG/L | 0.88 | 1.5 | 1.2 | 0.51 |
| thallium (filtered) | SW6010B-F | MG/L | 0.003 U | 0.003 U | 0.003 U | 0.0031 J |
| vanadium (filtered) | SW6010B-F | MG/L | 0.0032 U | 0.0032 U | 0.0032 U | 0.0032 U |
| zinc (filtered) | SW6010B-F | MG/L | 0.013 J | 0.011 J | 0.018 J | 0.013 J |
| mercury (filtered) | SW7470A-F | MG/L | 0.000049 U | 0.000049 U | 0.000049 U | 0.000049 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-1 | MW-2 | MW-2/A | MW-3 | MW-3B |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 8/11/00 | 8/07/00 | 8/07/00 | 8/09/00 | 8/08/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | | |
| aldrin | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha endosulfan | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha-chlordane | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| beta BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| beta endosulfan | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| delta BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| dieldrin | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endosulfan sulfate | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin aldehyde | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin ketone | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| gamma BHC (lindane) | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| gamma-chlordane | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| heptachlor | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| heptachlor epoxide | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| methoxychlor | SW8081A | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |
| p,p'-DDD | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| p,p'-DDE | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| p,p'-DDT | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| toxaphene | SW8081A | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-3B/A | MW-4 | MW-4A | MW-4A/A |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 8/08/00 | 8/08/00 | 8/04/00 | 8/04/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | |
| aldrin | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha endosulfan | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha-chlordane | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| beta BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| beta endosulfan | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| delta BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| dieldrin | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endosulfan sulfate | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin aldehyde | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin ketone | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| gamma BHC (lindane) | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| gamma-chlordane | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| heptachlor | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| heptachlor epoxide | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| methoxychlor | SW8081A | UG/L | 2 U | 2 U | 2 U | 2 U |
| p,p'-DDD | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| p,p'-DDE | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| p,p'-DDT | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| toxaphene | SW8081A | UG/L | 2 U | 2 U | 2 U | 2 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-6 | MW-8 | MW-9 | MW-14 |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 8/11/00 | 8/14/00 | 8/11/00 | 8/03/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | |
| aldrin | SW8081A | UG/L | 0.05 UJ | 0.05 U | 0.05 UJ | 0.05 U |
| alpha BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha endosulfan | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| alpha-chlordane | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| beta BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| beta endosulfan | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| delta BHC | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| dieldrin | SW8081A | UG/L | 0.1 UJ | 0.1 U | 0.1 UJ | 0.1 U |
| endosulfan sulfate | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin | SW8081A | UG/L | 0.1 UJ | 0.1 U | 0.1 UJ | 0.1 U |
| endrin aldehyde | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| endrin ketone | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| gamma BHC (lindane) | SW8081A | UG/L | 0.05 UJ | 0.05 U | 0.05 UJ | 0.05 U |
| gamma-chlordane | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| heptachlor | SW8081A | UG/L | 0.05 UJ | 0.05 U | 0.05 UJ | 0.05 U |
| heptachlor epoxide | SW8081A | UG/L | 0.05 U | 0.05 U | 0.05 U | 0.05 U |
| methoxychlor | SW8081A | UG/L | 2 U | 2 U | 2 U | 2 U |
| p,p'-DDD | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| p,p'-DDE | SW8081A | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| p,p'-DDT | SW8081A | UG/L | 0.1 UJ | 0.1 U | 0.1 UJ | 0.1 U |
| toxaphene | SW8081A | UG/L | 2 U | 2 U | 2 U | 2 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | | Location ID | MW-1 | MW-2 | MW-2A | MW-3 | MW-3B |
|---|---|---|---|---|---|---|---|
| | | Sample Depth | - | - | - | - | - |
| | | Sample Date | 8/11/00 | 8/07/00 | 8/07/00 | 8/09/00 | 8/08/00 |
| | | Lab | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | | Sample Type | N | N | N | N | N |
| | | Event | GAPS3 | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,1-trichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2,2-tetrachloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-trichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-dichloroethane | SW8260B | UG/L | 3 U | 3 U | 3 U | 3 U | 3 U |
| 1,1-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,3-trichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,3-trichloropropane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |
| 1,2,4-trichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,4-trimethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-dibromo-3-chloropropane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 UR |
| 1,2-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-dichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,3,5-trimethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,3-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,3-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,4-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2,2-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-butanone | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ |
| 2-chloroethyl vinyl ether | SW8260B | UG/L | 5 UJ | 5 UJ | 5 UJ | 5 UJ | 5 UJ |
| 2-chlorotoluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-hexanone | SW8260B | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-chlorotoluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| 4-methyl-2-pentanone | SW8260B | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U |
| acetone | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ |
| benzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| bromobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-1 | MW-2 | MW-2A | MW-3 | MW-3B |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 8/11/00 | 8/07/00 | 8/07/00 | 8/09/00 | 8/08/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | | |
| bromochloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| bromodichloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| bromoform | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| bromomethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 UJ |
| carbon disulfide | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |
| carbon tetrachloride | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| chlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| chloroethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |
| chloroform | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| chloromethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |
| cis-1,2-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| cis-1,3-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| dibromochloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| dibromomethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| dichlorodifluoromethane | SW8260B | UG/L | 2 U | 2 UJ | 2 UJ | 2 U | 2 UJ |
| ethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| ethylene dibromide | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| Freon 113 | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |
| hexachlorobutadiene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| isopropylbenzene (cumene) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| methylene chloride | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |
| n-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| n-propylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| naphthalene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| p-cymene (p-isopropyltoluene) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| sec-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| styrene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| t-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| tert-butyl methyl ether | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-1 | MW-2 | MW-2A | MW-3 | MW-3B |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 8/11/00 | 8/07/00 | 8/07/00 | 8/09/00 | 8/08/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | | |
| tetrachloroethene (PCE) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| toluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| trans-1,2-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| trans-1,3-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| trichloroethene (TCE) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| trichlorofluoromethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |
| vinyl acetate | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 10 UJ | 10 UJ |
| vinyl chloride | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |
| xylene (m,p) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |
| xylene (o) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | | Location ID | MW-3B/A | MW-4 | MW-4A | MW-4A/A |
|---|---|---|---|---|---|---|
| | | Sample Depth | - | - | - | - |
| | | Sample Date | 8/08/00 | 8/08/00 | 8/04/00 | 8/04/00 |
| | | Lab | Quanterra | Quanterra | Quanterra | Quanterra |
| | | Sample Type | N | N | N | N |
| | | Event | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,1,1-trichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,1,2,2-tetrachloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-trichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,1-dichloroethane | SW8260B | UG/L | 3 U | 3 U | 3 U | 3 U |
| 1,1-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,1-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,2,3-trichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,2,3-trichloropropane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| 1,2,4-trichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,2,4-trimethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,2-dibromo-3-chloropropane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| 1,2-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,2-dichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,2-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,3,5-trimethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,3-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,3-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,4-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 2,2-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 2-butanone | SW8260B | UG/L | 10 UJ | 10 UJ | 14 J | 17 J |
| 2-chloroethyl vinyl ether | SW8260B | UG/L | 5 UJ | 5 UJ | 5 UJ | 5 UJ |
| 2-chlorotoluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 2-hexanone | SW8260B | UG/L | 10 U | 10 U | 10 UJ | 10 UJ |
| 4-chlorotoluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 4-methyl-2-pentanone | SW8260B | UG/L | 10 U | 10 U | 10 U | 10 U |
| acetone | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 1.9 UJ |
| benzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| bromobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | | Location ID | MW-3B/A | MW-4 | MW-4A | MW-4A/A |
|---|---|---|---|---|---|---|
| | | Sample Depth | - | - | - | - |
| | | Sample Date | 8/08/00 | 8/08/00 | 8/04/00 | 8/04/00 |
| | | Lab | Quanterra | Quanterra | Quanterra | Quanterra |
| | | Sample Type | N | N | N | N |
| | | Event | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | |
| bromochloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| bromodichloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| bromoform | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| bromomethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| carbon disulfide | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| carbon tetrachloride | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| chlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| chloroethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| chloroform | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| chloromethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| cis-1,2-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| cis-1,3-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| dibromochloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| dibromomethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| dichlorodifluoromethane | SW8260B | UG/L | 2 U | 2 U | 2 UJ | 2 UJ |
| ethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| ethylene dibromide | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| Freon 113 | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| hexachlorobutadiene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| isopropylbenzene (cumene) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| methylene chloride | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| n-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| n-propylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| naphthalene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| p-cymene (p-isopropyltoluene) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| sec-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| styrene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| t-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| tert-butyl methyl ether | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-3B/A | MW-4 | MW-4A | MW-4A/A |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 8/08/00 | 8/08/00 | 8/04/00 | 8/04/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | |
| tetrachloroethene (PCE) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| toluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| trans-1,2-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| trans-1,3-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| trichloroethene (TCE) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| trichlorofluoromethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| vinyl acetate | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 10 UJ |
| vinyl chloride | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| xylene (m,p) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| xylene (o) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-6 | MW-8 | MW-9 | MW-14 |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 8/14/00 | 8/11/00 | 8/11/00 | 8/03/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | |
| 1,1,1,2-tetrachloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,1,1-trichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,1,2,2-tetrachloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-trichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,1-dichloroethane | SW8260B | UG/L | 3 U | 3 U | 3 U | 3 U |
| 1,1-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,1-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,2,3-trichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,2,3-trichloropropane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| 1,2,4-trichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,2,4-trimethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,2-dibromo-3-chloropropane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| 1,2-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,2-dichloroethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,2-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,3,5-trimethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,3-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,3-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 1,4-dichlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 2,2-dichloropropane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 2-butanone | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 10 UJ |
| 2-chloroethyl vinyl ether | SW8260B | UG/L | 5 UJ | 5 UJ | 5 UJ | 5 UJ |
| 2-chlorotoluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 2-hexanone | SW8260B | UG/L | 10 U | 10 U | 10 U | 10 U |
| 4-chlorotoluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| 4-methyl-2-pentanone | SW8260B | UG/L | 10 U | 10 U | 10 U | 10 U |
| acetone | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 10 UJ |
| benzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| bromobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-6 | MW-8 | MW-9 | MW-14 |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 8/14/00 | 8/11/00 | 8/11/00 | 8/03/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | |
| bromochloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| bromodichloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| bromoform | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| bromomethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| carbon disulfide | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| carbon tetrachloride | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| chlorobenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| chloroethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| chloroform | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| chloromethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| cis-1,2-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| cis-1,3-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| dibromochloromethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| dibromomethane | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| dichlorodifluoromethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| ethylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| ethylene dibromide | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| Freon 113 | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| hexachlorobutadiene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| isopropylbenzene (cumene) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| methylene chloride | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| n-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| n-propylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| naphthalene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| p-cymene (p-isopropyltoluene) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| sec-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| styrene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| t-butylbenzene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| tert-butyl methyl ether | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-6 | MW-8 | MW-9 | MW-14 |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 8/14/00 | 8/11/00 | 8/11/00 | 8/03/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | |
| tetrachloroethene (PCE) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| toluene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| trans-1,2-dichloroethene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| trans-1,3-dichloropropene | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| trichloroethene (TCE) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| trichlorofluoromethane | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| vinyl acetate | SW8260B | UG/L | 10 UJ | 10 UJ | 10 UJ | 10 UJ |
| vinyl chloride | SW8260B | UG/L | 2 U | 2 U | 2 U | 2 U |
| xylene (m,p) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |
| xylene (o) | SW8260B | UG/L | 1 U | 1 U | 1 U | 1 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-1 | MW-2 | MW-2/A | MW-3 | MW-3B |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 8/11/00 | 8/07/00 | 8/07/00 | 8/09/00 | 8/08/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | | |
| acenaphthene | SW8310 | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |
| acenapthylene | SW8310 | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U |
| anthracene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| benzo(a)anthracene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| benzo(a)pyrene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| benzo(b)fluoranthene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| benzo(g,h,i)perylene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| benzo(k)fluoranthene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| chrysene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| dibenz(a,h)anthracene | SW8310 | UG/L | 0.2 UJ | 0.2 U | 0.2 U | 0.2 UJ | 0.2 U |
| fluoranthene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| fluorene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| indeno(1,2,3-c,d)pyrene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| naphthalene | SW8310 | UG/L | 1 U | 1 U | 1 U | 1 UJ | 1 U |
| phenanthrene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| pyrene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-3B/A | MW-4 | MW-4A | MW-4A/A |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 8/08/00 | 8/08/00 | 8/04/00 | 8/04/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | FD | FD |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | |
| acenaphthene | SW8310 | UG/L | 2 U | 2 U | 2 U | 2 U |
| acenapthylene | SW8310 | UG/L | 2 U | 2 U | 2 U | 2 U |
| anthracene | SW8310 | UG/L | 0.011 J | 0.1 U | 0.1 U | 0.1 U |
| benzo(a)anthracene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| benzo(a)pyrene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| benzo(b)fluoranthene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| benzo(g,h,i)perylene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| benzo(k)fluoranthene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| chrysene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| dibenz(a,h)anthracene | SW8310 | UG/L | 0.2 UJ | 0.2 UJ | 0.2 U | 0.2 U |
| fluoranthene | SW8310 | UG/L | 0.2 U | 0.11 J | 0.2 U | 0.2 U |
| fluorene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| indeno(1,2,3-c,d)pyrene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| naphthalene | SW8310 | UG/L | 1 UJ | 1 UJ | 1 U | 1 U |
| phenanthrene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| pyrene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-6 | MW-8 | MW-9 | MW-14 |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 8/14/00 | 8/11/00 | 8/14/00 | 8/03/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | |
| acenaphthene | SW8310 | UG/L | 2 U | 2 U | 2 U | 2 U |
| acenapthylene | SW8310 | UG/L | 2 U | 2 U | 2 U | 2 U |
| anthracene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| benzo(a)anthracene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| benzo(a)pyrene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| benzo(b)fluoranthene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| benzo(g,h,i)perylene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| benzo(k)fluoranthene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| chrysene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| dibenz(a,h)anthracene | SW8310 | UG/L | 0.2 UJ | 0.2 UJ | 0.2 UJ | 0.2 U |
| fluoranthene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| fluorene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| indeno(1,2,3-c,d)pyrene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| naphthalene | SW8310 | UG/L | 1 U | 1 U | 1 U | 1 U |
| phenanthrene | SW8310 | UG/L | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| pyrene | SW8310 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-1 | MW-2 | MW-2/A | MW-3 | MW-3B |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 8/11/00 | 8/07/00 | 8/07/00 | 8/09/00 | 8/08/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | UG/L | 5 U | 5 UJ | 5 UJ | 5 UJ | 5 UJ |
| 1,3-dinitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U | 5 U |
| 2,4,6-trinitrotoluene | SW8330 | UG/L | 5 U | 5 UJ | 5 UJ | 5 UJ | 5 UJ |
| 2,4-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U | 5 U |
| 2,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 UJ | 5 UJ | 5 UJ | 5 UJ |
| 2-amino-4,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 UJ | 5 UJ | 5 UJ | 5 UJ |
| 2-nitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U | 5 U |
| 3-nitrotoluene | SW8330 | UG/L | 5 U | 5 UJ | 5 UJ | 5 UJ | 5 UJ |
| 4-amino-2,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U | 5 U |
| 4-nitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U | 5 U |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | UG/L | 5 U | 5 UJ | 5 UJ | 5 UJ | 5 UJ |
| nitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U | 5 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U | 5 U |
| tetryl | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U | 5 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-3B/A | MW-4 | MW-4A | MW-4A/A |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 8/08/00 | 8/08/00 | 8/04/00 | 8/04/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | FD | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | |
| 1,3,5-trinitrobenzene | SW8330 | UG/L | 5 UJ | 5 UJ | 5 U | 5 U |
| 1,3-dinitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2,4,6-trinitrotoluene | SW8330 | UG/L | 5 UJ | 5 UJ | 5 U | 5 U |
| 2,4-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2,6-dinitrotoluene | SW8330 | UG/L | 5 UJ | 5 UJ | 5 UJ | 5 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | UG/L | 5 UJ | 5 UJ | 5 U | 5 U |
| 2-nitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 3-nitrotoluene | SW8330 | UG/L | 5 UJ | 5 UJ | 5 UJ | 5 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 4-nitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | UG/L | 5 UJ | 5 UJ | 5 U | 5 U |
| nitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 UJ | 5 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| tetryl | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | | Location ID | MW-6 | MW-8 | MW-9 | MW-14 |
|---|---|---|---|---|---|---|
| | | Sample Depth | - | - | - | - |
| | | Sample Date | 8/14/00 | 8/11/00 | 8/14/00 | 8/03/00 |
| | | Lab | Quanterra | Quanterra | Quanterra | Quanterra |
| | | Sample Type | N | N | N | N |
| | | Event | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | |
| 1,3,5-trinitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 1,3-dinitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2,4,6-trinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2,4-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 2-nitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 3-nitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| 4-nitrotoluene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| nitrobenzene | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |
| tetryl | SW8330 | UG/L | 5 U | 5 U | 5 U | 5 U |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-1 | MW-2 | MW-2/A | MW-3 | MW-3B |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - | - |
| | Sample Date | | 8/11/00 | 8/07/00 | 8/07/00 | 8/09/00 | 8/08/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | | |
| diesel fuel #2 | M8015B | UG/L | 50 UJ | 50 UJ | 50 UJ | 50 UJ | 50 UJ |
| kerosene | M8015B | UG/L | 50 UJ | 50 UJ | 50 UJ | 50 UJ | 50 UJ |
| motor oils | M8015B | UG/L | 500 U | 500 U | 500 U | 500 U | 500 U |
| unknown extract. hydrocarbon | M8015B | UG/L | 50 UJ | 50 UJ | 50 UJ | 50 UJ | 50 UJ |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-3B/A | MW-4 | MW-4A | MW-4A/A |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 8/08/00 | 8/08/00 | 8/04/00 | 8/04/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | FD | FD |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | |
| diesel fuel #2 | M8015B | UG/L | 50 UJ | 50 UJ | 50 UJ | 50 UJ |
| kerosene | M8015B | UG/L | 50 UJ | 50 UJ | 210 J | 160 J |
| motor oils | M8015B | UG/L | 500 U | 500 U | 500 U | 500 U |
| unknown extract. hydrocarbon | M8015B | UG/L | 50 UJ | 350 J | 50 UJ | 50 UJ |

## Table 5-12D. Analytical Results for North Valley - Groundwater (August 2000)



| | Location ID | | MW-6 | MW-8 | MW-9 | MW-14 |
|---|---|---|---|---|---|---|
| | Sample Depth | | - | - | - | - |
| | Sample Date | | 8/14/00 | 8/11/00 | 8/14/00 | 8/03/00 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | GAPS3 | GAPS3 | GAPS3 | GAPS3 |
| **Analyte** | **Method** | **Units** | | | | |
| diesel fuel #2 | M8015B | UG/L | 50 UJ | 50 UJ | 50 UJ | 50 UJ |
| kerosene | M8015B | UG/L | 50 UJ | 50 UJ | 50 UJ | 50 UJ |
| motor oils | M8015B | UG/L | 500 U | 500 U | 500 U | 500 U |
| unknown extract. hydrocarbon | M8015B | UG/L | 50 UJ | 50 UJ | 50 UJ | 50 UJ |

## Table 5-13. Analytical Results for Dynamite Burn Site - Soil
(Page 1 of 2)

| | Location ID | | R1-A | R1-A | R1-B | R1-B | R1-C1 | R1-C2 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0-0.5 | 0.5-1 | 0-0.5 | 0.5-1 | 0-0.5 | 0.5-1 |
| | Sample Date | | 12/07/99 | 12/07/99 | 12/07/99 | 12/07/99 | 12/07/99 | 12/07/99 |
| | Lab | | Onsite | Quanterra | Onsite | Quanterra | Onsite | Quanterra |
| | Sample Type | | N | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | 0.28 J | | 0.04 U | | 0.042 U |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | 2.9 | | 0.3 | | 0.03 U |
| nitroglycerin | SW8330M | MG/KG | 0.59 U | | 0.61 U | | 0.63 U | |
| pentaerythritol tetranitrate | SW8330M | MG/KG | 0.59 U | | 0.61 U | | 0.63 U | |

## Table 5-13. Analytical Results for Dynamite Burn Site - Soil
(Page 2 of 2)

| | Location ID | | R1-D1 | R1-D2 | R1-E | R1-F | R1-G |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0-0.5 | 0.5-1 | 0-0.5 | 0-0.5 | 0-0.5 |
| | Sample Date | | 12/07/99 | 12/07/99 | 6/02/00 | 6/02/00 | 6/02/00 |
| | Lab | | Onsite | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | GAPS2 | GAPS2 | GAPS2 |
| **Analyte** | **Method** | **Units** | | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | 0.045 U | 0.038 U | 0.037 U | 0.038 U |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | 0.27 J | 0.4 J | 1.4 | 0.36 J |
| nitroglycerin | SW8330M | MG/KG | 0.62 U | | 1 U | 1 U | 1 U |
| pentaerythritol tetranitrate | SW8330M | MG/KG | 0.62 U | | 1 U | 1 U | 1 U |

## Table 5-14. Analytical Results for Flare Site - Soil
(Page 1 of 7)

| | Location ID | | FA-1/0.5 | FA-1/1 | FA-1/2 | FA-2/1 | FA-2/2 | FA-3/0.5 | FA-4/0 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 1-1.5 | 2-2.5 | 1-1.5 | 2-2.5 | 0.5-1 | 0-0.5 |
| | Sample Date | | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 12/16/99 |
| | Lab | | CalTest | CalTest | CalTest | CalTest | CalTest | CalTest | Quanterra |
| | Sample Type | | N | FR | N | N | N | N | N |
| | Event | | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | |
| aluminum | SW6010B | MG/KG | 23000 | 18000 | 17000 | 17000 | 18000 | 31000 | 23700 |
| antimony | SW6010B | MG/KG | 0.502 U | 0.502 U | 0.502 U | 2.3 | 2.2 | 150 | 0.49 J |
| arsenic | SW6010B | MG/KG | 16 | 14 | 16 | 15 | 13 | 18 | 7.2 |
| barium | SW6010B | MG/KG | 190 | 190 | 190 | 290 | 220 | 3400 | 676 |
| beryllium | SW6010B | MG/KG | 0.45 | 0.44 | 0.46 | 0.47 | 0.44 | 0.22 J | 0.42 J |
| cadmium | SW6010B | MG/KG | 0.091 J | 0.057 U | 0.057 U | 0.12 J | 0.057 U | 1.6 | 0.53 U |
| calcium | SW6010B | MG/KG | 4700 | 4900 | 4300 | 4000 | 4100 | 3800 | 5630 |
| chromium, total | SW6010B | MG/KG | 54 | 45 | 48 | 45 | 51 | 110 | 24.3 |
| cobalt | SW6010B | MG/KG | 20 | 20 | 21 | 20 | 18 | 20 | 16.3 |
| copper | SW6010B | MG/KG | 69 | 67 | 77 | 100 | 100 | 8100 | 5630 |
| iron | SW6010B | MG/KG | 47000 | 43000 | 48000 | 48000 | 43000 | 66000 | 36000 |
| lead | SW6010B | MG/KG | 11 | 29 | 21 | 110 | 110 | 7600 | 595 |
| magnesium | SW6010B | MG/KG | 7500 | 7100 | 7300 | 7400 | 8300 | 11000 | 7570 |
| manganese | SW6010B | MG/KG | 820 | 900 | 460 | 830 | 610 | 1100 | 544 |
| molybdenum | SW6010B | MG/KG | 0.68 J | 0.66 J | 0.58 J | 0.7 J | 0.56 J | 4.5 | 0.61 U |
| nickel | SW6010B | MG/KG | 53 | 52 | 56 | 52 | 57 | 98 | 26.4 |
| phosphorus, total (as P) | SW6010B | MG/KG | | | | | | | 614 |
| potassium | SW6010B | MG/KG | 1400 | 1400 J+ | 1500 J+ | 1500 J+ | 1200 J+ | 2100 J+ | 998 |
| selenium | SW6010B | MG/KG | 1.1 J | 1.1 J | 1.2 J | 1 J | 1.1 J | 1.1 J | 1.3 J |
| silver | SW6010B | MG/KG | 0.099 U | 0.099 U | 0.099 U | 0.099 U | 0.11 J | 0.89 | 0.24 U |
| sodium | SW6010B | MG/KG | 100 J | 110 J | 100 J | 93 J | 110 J | 220 J | 124 J |
| thallium | SW6010B | MG/KG | 0.741 U | 0.741 U | 0.741 U | 0.741 U | 0.741 U | 0.741 U | 0.47 U |
| vanadium | SW6010B | MG/KG | 79 | 75 | 74 | 83 | 71 | 66 | 56.6 |
| zinc | SW6010B | MG/KG | 91 | 100 | 100 | 270 | 240 | 2000 | 237 J |
| mercury | SW7471A | MG/KG | 0.26 | 0.22 | 0.41 | 0.59 | 0.26 | 0.25 | 0.091 |

## Table 5-14. Analytical Results for Flare Site - Soil
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| | Location ID | | FA-4/0.5 | FA-4/1 | FA-4/2.5 | FA-4/3 | FA-5/0 | FA-5/0.5 |
|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 1-1.5 | 2.5-3 | 3-3.5 | 0-0.5 | 0.5-1 |
| | Sample Date | | 12/16/99 | 12/16/99 | 12/16/99 | 12/16/99 | 12/16/99 | 12/16/99 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | FR | N | N | FR | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | |
| aluminum | SW6010B | MG/KG | 17500 | 19500 | 18100 | 18300 | 19300 | 19400 |
| antimony | SW6010B | MG/KG | 0.73 J | 0.44 J | 0.37 UR | 0.18 UR | 0.31 J | 0.26 J |
| arsenic | SW6010B | MG/KG | 7.1 | 8.3 | 37.4 | 27.1 | 10.5 | 11.1 |
| barium | SW6010B | MG/KG | 307 | 408 | 238 | 209 | 217 | 203 |
| beryllium | SW6010B | MG/KG | 0.36 J | 0.49 | 0.59 | 0.58 | 0.59 | 0.6 |
| cadmium | SW6010B | MG/KG | 0.53 J | 0.53 U | 0.5 U | 0.5 U | 0.54 U | 0.51 U |
| calcium | SW6010B | MG/KG | 6810 | 6170 | 5660 | 5290 | 4550 | 3910 |
| chromium, total | SW6010B | MG/KG | 23.5 | 30 | 50.3 | 47.4 | 44.4 | 47.5 |
| cobalt | SW6010B | MG/KG | 15 | 16.8 | 29.1 | 15.6 | 18.3 | 18 |
| copper | SW6010B | MG/KG | 104 | 119 | 73 | 70.6 | 69.4 | 61.4 |
| iron | SW6010B | MG/KG | 37900 | 41100 | 44100 | 35500 | 37800 | 38500 |
| lead | SW6010B | MG/KG | 384 | 171 | 10.3 | 10.6 | 57 | 17.5 |
| magnesium | SW6010B | MG/KG | 7820 | 8600 | 8990 | 9410 | 8460 | 7690 |
| manganese | SW6010B | MG/KG | 646 | 644 | 1280 | 323 | 827 | 900 |
| molybdenum | SW6010B | MG/KG | 0.71 UJ | 1 UJ | 1.9 UJ | 1.4 UJ | 0.63 U | 0.59 U |
| nickel | SW6010B | MG/KG | 27.3 | 31 | 89.4 | 60.2 | 52 | 52.2 |
| phosphorus, total (as P) | SW6010B | MG/KG | 519 | 483 | 281 | 274 | 351 | 273 |
| potassium | SW6010B | MG/KG | 946 | 1160 | 1180 | 1510 | 2140 | 1790 |
| selenium | SW6010B | MG/KG | 1.4 J | 1.6 J | 1.7 J | 1.4 J | 1.7 J | 1.5 J |
| silver | SW6010B | MG/KG | 0.23 U | 0.24 U | 0.23 U | 0.23 U | 0.25 U | 0.23 U |
| sodium | SW6010B | MG/KG | 144 J | 139 J | 186 J | 201 J | 141 J | 138 J |
| thallium | SW6010B | MG/KG | 0.46 U | 0.47 U | 0.89 U | 0.45 U | 0.48 U | 0.45 U |
| vanadium | SW6010B | MG/KG | 65.5 | 67 | 45.2 | 42.7 | 58.7 | 59.4 |
| zinc | SW6010B | MG/KG | 136 J | 135 J | 94.1 J | 101 J | 99.7 J | 91.5 J |
| mercury | SW7471A | MG/KG | 0.069 | 0.034 J | 0.04 J | 0.033 J | 0.098 | 0.059 |

## Table 5-14. Analytical Results for Flare Site - Soil
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| | Location ID | | FA-5/1 | FA-5/2 | FA-5/5 | FA-6/2 | FA-6/3 | FA-6A/1 | FA-6A/1.5 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 1-1.5 | 2-2.5 | 5-5.5 | 2-2.5 | 3-3.5 | 1-1.5 | 1.5-2 |
| | Sample Date | | 12/16/99 | 12/16/99 | 12/16/99 | 12/16/99 | 12/16/99 | 12/16/99 | 12/16/99 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N | FR |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | |
| aluminum | SW6010B | MG/KG | 18700 | 20200 | 19500 | 15200 | 15900 | 20700 | 19100 |
| antimony | SW6010B | MG/KG | 0.19 UR | 0.35 J | 0.19 UR | 0.31 J | 0.35 UR | 1.9 J | 0.35 UR |
| arsenic | SW6010B | MG/KG | 11.8 | 11.6 | 10.2 | 15.5 | 28.7 | 9.2 | 10.7 |
| barium | SW6010B | MG/KG | 268 | 253 | 286 | 3950 | 2340 | 20000 | 3750 |
| beryllium | SW6010B | MG/KG | 0.6 | 0.6 | 0.51 | 0.45 | 0.43 | 0.5 | 0.53 |
| cadmium | SW6010B | MG/KG | 0.51 U | 0.57 U | 0.53 U | 0.5 U | 0.48 U | 0.5 U | 0.48 U |
| calcium | SW6010B | MG/KG | 4470 | 4640 | 5210 | 1180 | 1650 | 3880 | 1030 |
| chromium, total | SW6010B | MG/KG | 46.5 | 52.6 | 42.6 | 41.8 | 47.3 | 54.5 | 54.8 |
| cobalt | SW6010B | MG/KG | 17.8 | 20.2 | 16.9 | 18.8 | 16.4 | 27.6 | 42.6 |
| copper | SW6010B | MG/KG | 59.2 | 71.3 | 47.5 | 55.6 | 64.4 | 623 | 77.4 |
| iron | SW6010B | MG/KG | 38800 | 40800 | 42800 | 35400 | 53200 | 39400 | 43100 |
| lead | SW6010B | MG/KG | 8.9 | 34.2 | 8.1 | 11.5 | 57.2 | 973 | 28.7 |
| magnesium | SW6010B | MG/KG | 8070 | 8980 | 8130 | 7390 | 6690 | 12100 | 9690 |
| manganese | SW6010B | MG/KG | 946 | 1250 | 1020 | 2960 | 1050 | 564 | 1630 |
| molybdenum | SW6010B | MG/KG | 1.2 UJ | 0.66 U | 0.62 U | 0.92 UJ | 1.4 UJ | 0.58 U | 0.56 U |
| nickel | SW6010B | MG/KG | 54.4 | 64.4 | 46.3 | 89.9 | 61.3 | 64.5 | 90.9 |
| phosphorus, total (as P) | SW6010B | MG/KG | 160 | 321 | 249 | 296 | 295 | 287 | 273 |
| potassium | SW6010B | MG/KG | 858 | 1970 | 1020 | 5260 | 5550 | 3980 | 4920 |
| selenium | SW6010B | MG/KG | 1.7 J | 1.7 J | 1.8 J | 1.5 J | 1.1 J | 1.4 J | 0.69 J |
| silver | SW6010B | MG/KG | 0.23 U | 0.26 U | 0.24 U | 0.23 U | 0.22 U | 0.23 U | 0.22 U |
| sodium | SW6010B | MG/KG | 160 J | 160 J | 218 J | 98 J | 96.3 J | 137 J | 112 J |
| thallium | SW6010B | MG/KG | 0.45 U | 0.5 U | 0.47 U | 0.44 U | 0.85 U | 0.44 U | 0.86 U |
| vanadium | SW6010B | MG/KG | 53.9 | 62.9 | 72.9 | 42.4 | 62.9 | 53.9 | 51 |
| zinc | SW6010B | MG/KG | 85.8 J | 103 J | 79.7 J | 85 J | 102 J | 158 J | 98.8 J |
| mercury | SW7471A | MG/KG | 0.036 J | 0.14 | 0.056 | 0.039 J | 0.028 J | 0.08 | 0.057 |

## Table 5-14. Analytical Results for Flare Site - Soil
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| | Location ID | | FA-3/0.5 | FA-6A/1 | FA-6A/1.5 |
|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 1-1.5 | 1.5-2 |
| | Sample Date | | 7/21/99 | 12/16/99 | 12/16/99 |
| | Lab | | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | FR |
| | Event | | INTERIM | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | |
| 1,2,3,4,6,7,8-HpCDD | SW8290 | PG/G | 34 | 2 U | 0.48 UJ |
| 1,2,3,4,6,7,8-HpCDF | SW8290 | PG/G | 36 | 0.9 U | 0.26 UJ |
| 1,2,3,4,7,8,9-HpCDF | SW8290 | PG/G | 3.4 J | 0.14 U | 0.27 UJ |
| 1,2,3,4,7,8-HxCDD | SW8290 | PG/G | 2.7 J | 0.55 U | 0.53 U |
| 1,2,3,4,7,8-HxCDF | SW8290 | PG/G | 37 | 0.26 U | 0.22 U |
| 1,2,3,6,7,8-HxCDD | SW8290 | PG/G | 6.3 | 0.63 U | 0.6 U |
| 1,2,3,6,7,8-HxCDF | SW8290 | PG/G | 13 | 0.28 U | 0.26 U |
| 1,2,3,7,8,9-HxCDD | SW8290 | PG/G | 9.1 | 0.58 U | 0.55 U |
| 1,2,3,7,8,9-HxCDF | SW8290 | PG/G | 0.9 U | 0.28 U | 0.29 U |
| 1,2,3,7,8-PeCDD | SW8290 | PG/G | 4.2 J | 0.34 U | 0.23 U |
| 1,2,3,7,8-PeCDF | SW8290 | PG/G | 13 | 0.29 U | 0.14 U |
| 2,3,4,6,7,8-HxCDF | SW8290 | PG/G | 20 | 0.28 U | 0.29 U |
| 2,3,4,7,8-PeCDF | SW8290 | PG/G | 26 | 0.71 U | 0.13 U |
| 2,3,7,8-TCDD | SW8290 | PG/G | 1.5 | 0.53 UJ | 0.26 U |
| 2,3,7,8-TCDF | SW8290 | PG/G | 19 | 1.3 | 0.49 U |
| HpCDD (total) | SW8290 | PG/G | 76 | | |
| HpCDF (total) | SW8290 | PG/G | 57 | | |
| HxCDD (Total) | SW8290 | PG/G | 110 | | |
| HxCDF (total) | SW8290 | PG/G | 140 | | |
| OCDD | SW8290 | PG/G | 69 | 10 J | 2.8 UJ |
| OCDF | SW8290 | PG/G | 9.9 J | 0.97 U | 0.64 UJ |
| PeCDD (total) | SW8290 | PG/G | 83 | | |
| PeCDF (total) | SW8290 | PG/G | 310 | | |
| TCDD (total) | SW8290 | PG/G | 60 | | |
| TCDF (total) | SW8290 | PG/G | 490 | | |

## Table 5-14. Analytical Results for Flare Site - Soil
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| | Location ID | | FA-1/0.5 | FA-1/1 | FA-1/2 | FA-2/1 | FA-2/2 | FA-3/0.5 | FA-6/1 | FA-6/1.5 |
|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 1-1.5 | 2-2.5 | 1-1.5 | 2-2.5 | 0.5-1 | 1-1.5 | 1.5-2 |
| | Sample Date | | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 12/16/99 | 12/16/99 |
| | Lab | | CalTest | CalTest | CalTest | CalTest | CalTest | CalTest | Onsite | Onsite |
| | Sample Type | | N | FR | N | N | N | N | N | FR |
| | Event | | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | | |
| acenaphthene | SW8310 | MG/KG | 0.023 U | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.45 U | 0.45 U |
| acenapthylene | SW8310 | MG/KG | 0.023 U | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.45 U | 0.45 U |
| anthracene | SW8310 | MG/KG | 0.023 U | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.16 U | 0.16 U |
| benzo(a)anthracene | SW8310 | MG/KG | 0.023 U | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U |
| benzo(a)pyrene | SW8310 | MG/KG | 0.023 U | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U |
| benzo(b)fluoranthene | SW8310 | MG/KG | 0.023 U | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.034 U | 0.034 U |
| benzo(g,h,i)perylene | SW8310 | MG/KG | 0.023 U | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U |
| benzo(k)fluoranthene | SW8310 | MG/KG | 0.023 U | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U |
| chrysene | SW8310 | MG/KG | 0.023 U | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.045 U | 0.045 U |
| dibenz(a,h)anthracene | SW8310 | MG/KG | 0.023 U | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.045 U | 0.045 U |
| fluoranthene | SW8310 | MG/KG | 0.023 U | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.056 U | 0.056 U |
| fluorene | SW8310 | MG/KG | 0.023 U | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.045 U | 0.045 U |
| indeno(1,2,3-c,d)pyrene | SW8310 | MG/KG | 0.023 U | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.045 U | 0.045 U |
| naphthalene | SW8310 | MG/KG | 0.023 U | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.45 U | 0.45 U |
| phenanthrene | SW8310 | MG/KG | 0.023 U | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.13 U | 0.13 U |
| pyrene | SW8310 | MG/KG | 0.023 U | 0.022 U | 0.023 U | 0.023 U | 0.022 U | 0.022 U | 0.067 U | 0.067 U |

## Table 5-14. Analytical Results for Flare Site - Soil
(Page 6 of 7)

| | Location ID | | FA-1/0.5 | FA-1/1 | FA-1/2 | FA-2/1 | FA-2/2 | FA-3/0.5 | FA-6/1 | FA-6/1.5 |
|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 0.5-1 | 1-1.5 | 2-2.5 | 1-1.5 | 2-2.5 | 0.5-1 | 1-1.5 | 1.5-2 |
| | Sample Date | | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 12/16/99 | 12/16/99 |
| | Lab | | CalTest | CalTest | CalTest | CalTest | CalTest | CalTest | Onsite | Onsite |
| | Sample Type | | N | FR | N | N | N | N | N | FR |
| | Event | | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.28 U | 0.27 U | 0.29 U | 0.29 U | 0.28 U | 0.28 U | 0.47 U | 0.46 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.28 U | 0.27 U | 0.29 U | 0.29 U | 0.28 U | 0.28 U | 0.47 U | 0.46 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.28 U | 0.27 U | 0.29 U | 0.29 U | 0.28 U | 0.28 U | 0.47 U | 0.46 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.28 U | 0.27 U | 0.29 U | 0.29 U | 0.28 U | 0.28 U | 0.47 U | 0.46 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.28 U | 0.27 U | 0.29 U | 0.29 U | 0.28 U | 0.28 U | 0.47 U | 0.46 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | 0.28 U | 0.27 U | 0.29 U | 0.29 U | 0.28 U | 0.28 U | | |
| 2-nitrotoluene | SW8330 | MG/KG | 0.28 U | 0.27 U | 0.29 U | 0.29 U | 0.28 U | 0.28 U | 0.47 U | 0.46 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.28 U | 0.27 U | 0.29 U | 0.29 U | 0.28 U | 0.28 U | 0.47 U | 0.46 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | 0.28 U | 0.27 U | 0.29 U | 0.29 U | 0.28 U | 0.28 U | | |
| 4-nitrotoluene | SW8330 | MG/KG | 0.28 U | 0.27 U | 0.29 U | 0.29 U | 0.28 U | 0.28 U | 0.47 U | 0.46 U |
| amino-dnts | SW8330 | MG/KG | | | | | | | 0.94 U | 0.93 U |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.28 U | 0.27 U | 0.29 U | 0.29 U | 0.28 U | 0.28 U | 0.47 U | 0.46 U |
| nitrobenzene | SW8330 | MG/KG | 0.28 U | 0.27 U | 0.29 U | 0.29 U | 0.28 U | 0.28 U | 0.47 U | 0.46 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.28 U | 0.27 U | 0.29 U | 0.29 U | 0.28 U | 0.28 U | 0.47 U | 0.46 U |
| tetryl | SW8330 | MG/KG | 0.28 U | 0.27 UJ | 0.29 UJ | 0.29 UJ | 0.28 UJ | 0.28 UJ | 0.47 U | 0.46 U |

## Table 5-14. Analytical Results for Flare Site - Soil
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| | Location ID | | FA-6/1 | FA-6/1.5 | FA-6A/1 | FA-6A/1.5 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 1-1.5 | 1.5-2 | 1-1.5 | 1.5-2 |
| | Sample Date | | 12/16/99 | 12/16/99 | 12/16/99 | 12/16/99 |
| | Lab | | Onsite | Onsite | Quanterra | Quanterra |
| | Sample Type | | N | FR | N | FR |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | | 0.23 J | 0.038 U |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | | 2.7 | 0.82 |
| nitroglycerin | SW8330M | MG/KG | 0.59 U | 0.59 U | | |
| pentaerythritol tetranitrate | SW8330M | MG/KG | 0.59 U | 0.59 U | | |

## Table 5-15. Analytical Results for Demolition Site #1 - Soil
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| | Location ID | | DA1-1/1 | DA1-1/2 | DA1-1/4 | DA1-2/0.5 | DA1-2/1 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 1-1.5 | 2-2.5 | 4-4.5 | 0.5-1 | 1-1.5 |
| | Sample Date | | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| | Lab | | CalTest | CalTest | CalTest | CalTest | CalTest |
| | Sample Type | | N | N | N | N | FR |
| | Event | | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM |
| **Analyte** | **Method** | **Units** | | | | | |
| aluminum | SW6010B | MG/KG | 20000 | 20000 | 20000 | 21000 | 19000 |
| antimony | SW6010B | MG/KG | 1.2 J | 1.3 J | 0.502 U | 0.502 U | 0.502 U |
| arsenic | SW6010B | MG/KG | 18 | 17 | 16 | 16 | 16 |
| barium | SW6010B | MG/KG | 280 | 310 | 320 | 180 | 170 |
| beryllium | SW6010B | MG/KG | 0.46 | 0.47 | 0.49 | 0.34 | 0.33 |
| cadmium | SW6010B | MG/KG | 0.35 | 0.35 | 0.057 U | 0.22 J | 0.21 J |
| calcium | SW6010B | MG/KG | 4500 | 4300 | 4300 | 3700 | 3800 |
| chromium, total | SW6010B | MG/KG | 51 | 50 | 52 | 55 | 51 |
| cobalt | SW6010B | MG/KG | 17 | 22 | 21 | 17 | 19 |
| copper | SW6010B | MG/KG | 99 | 85 | 69 | 59 | 59 |
| iron | SW6010B | MG/KG | 48000 | 43000 | 47000 | 46000 | 42000 |
| lead | SW6010B | MG/KG | 37 | 36 | 11 | 16 | 14 |
| magnesium | SW6010B | MG/KG | 7500 | 7000 | 7900 | 7900 | 8000 |
| manganese | SW6010B | MG/KG | 660 | 1300 | 1000 | 860 | 870 |
| molybdenum | SW6010B | MG/KG | 0.86 J | 0.62 J | 0.64 J | 0.67 J | 0.85 J |
| nickel | SW6010B | MG/KG | 52 | 57 | 58 | 54 | 56 |
| phosphorus, total (as P) | SW6010B | MG/KG | | | | | |
| potassium | SW6010B | MG/KG | 2400 J+ | 2800 J+ | 1700 J+ | 1600 | 1700 J+ |
| selenium | SW6010B | MG/KG | 1.5 J | 1.6 J | 2 J | 1 J | 1.7 J |
| silver | SW6010B | MG/KG | 0.099 U | 0.099 U | 0.099 U | 0.099 U | 0.13 J |
| sodium | SW6010B | MG/KG | 200 J | 170 J | 210 J | 110 J | 180 J |
| thallium | SW6010B | MG/KG | 0.741 U | 0.741 U | 0.741 U | 0.741 U | 0.741 U |
| vanadium | SW6010B | MG/KG | 79 | 78 | 79 | 77 | 71 |
| zinc | SW6010B | MG/KG | 120 | 130 | 91 | 86 | 90 |
| mercury | SW7471A | MG/KG | 0.12 | 0.081 | 0.049 | 0.067 | 0.078 |

## Table 5-15. Analytical Results for Demolition Site #1 - Soil
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| | Location ID | | DA1-2/2 | DA1-2/3.5 | DA1-3W1 | DA1-3W2 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 2-2.5 | 3.5-4 | 0-0 | 0-0 |
| | Sample Date | | 7/21/99 | 7/21/99 | 12/14/99 | 12/14/99 |
| | Lab | | CalTest | CalTest | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | INTERIM | INTERIM | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | |
| aluminum | SW6010B | MG/KG | 17000 | 20000 | 22500 | 25300 |
| antimony | SW6010B | MG/KG | 2 J | 0.66 J | 0.77 J | 1 J |
| arsenic | SW6010B | MG/KG | 17 | 16 | 11.7 | 13.6 |
| barium | SW6010B | MG/KG | 200 | 220 | 227 | 227 |
| beryllium | SW6010B | MG/KG | 0.34 | 0.46 | 0.59 | 0.58 |
| cadmium | SW6010B | MG/KG | 0.45 | 0.057 U | 0.46 U | 0.52 U |
| calcium | SW6010B | MG/KG | 3800 | 4100 | 3640 | 4200 |
| chromium, total | SW6010B | MG/KG | 51 | 52 | 51.7 J+ | 57.8 J+ |
| cobalt | SW6010B | MG/KG | 20 | 19 | 18.4 | 18.8 |
| copper | SW6010B | MG/KG | 88 | 75 | 59.6 | 74.7 |
| iron | SW6010B | MG/KG | 46000 | 45000 | 38800 | 41400 |
| lead | SW6010B | MG/KG | 48 | 20 | 11.5 | 21.5 |
| magnesium | SW6010B | MG/KG | 7200 | 7400 | 7720 | 8730 |
| manganese | SW6010B | MG/KG | 850 | 850 | 1060 | 1080 |
| molybdenum | SW6010B | MG/KG | 0.96 J | 0.84 J | 1 UJ | 0.72 UJ |
| nickel | SW6010B | MG/KG | 55 | 58 | 57.1 | 62.3 |
| phosphorus, total (as P) | SW6010B | MG/KG | | | 235 | 277 |
| potassium | SW6010B | MG/KG | 1900 J+ | 2300 J+ | 1770 | 2270 |
| selenium | SW6010B | MG/KG | 1.5 J | 1.5 J | 1.3 J | 1.1 J |
| silver | SW6010B | MG/KG | 0.21 J | 0.099 U | 0.21 U | 0.24 U |
| sodium | SW6010B | MG/KG | 200 J | 230 | 187 J | 203 J |
| thallium | SW6010B | MG/KG | 0.741 U | 0.741 U | 0.4 U | 0.46 U |
| vanadium | SW6010B | MG/KG | 74 | 77 | 65 J+ | 73.5 J+ |
| zinc | SW6010B | MG/KG | 110 | 92 | 81.5 | 99.7 |
| mercury | SW7471A | MG/KG | 0.18 | 0.046 | 0.069 | 0.095 |

## Table 5-15. Analytical Results for Demolition Site #1 - Soil
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| | Location ID | | DA1-1/1 | DA1-1/2 | DA1-1/4 | DA1-2/0.5 | DA1-2/1 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 1-1.5 | 2-2.5 | 4-4.5 | 0.5-1 | 1-1.5 |
| | Sample Date | | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| | Lab | | CalTest | CalTest | CalTest | CalTest | CalTest |
| | Sample Type | | N | N | N | N | FR |
| | Event | | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM |
| **Analyte** | **Method** | **Units** | | | | | |
| acenaphthene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.022 U | 0.022 U |
| acenapthylene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.022 U | 0.022 U |
| anthracene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.022 U | 0.022 U |
| benzo(a)anthracene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.022 U | 0.022 U |
| benzo(a)pyrene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.022 U | 0.022 U |
| benzo(b)fluoranthene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.022 U | 0.022 U |
| benzo(g,h,i)perylene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.022 U | 0.022 U |
| benzo(k)fluoranthene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.022 U | 0.022 U |
| chrysene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.022 U | 0.022 U |
| dibenz(a,h)anthracene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.022 U | 0.022 U |
| fluoranthene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.022 U | 0.022 U |
| fluorene | SW8310 | MG/KG | 0.023 UJ | 0.023 UJ | 0.025 U | 0.022 U | 0.022 UJ |
| indeno(1,2,3-c,d)pyrene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.022 U | 0.022 U |
| naphthalene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.022 U | 0.022 U |
| phenanthrene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.022 U | 0.022 U |
| pyrene | SW8310 | MG/KG | 0.023 U | 0.023 U | 0.025 U | 0.022 U | 0.022 U |

## Table 5-15. Analytical Results for Demolition Site #1 - Soil
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| | Location ID | | DA1-2/2 | DA1-2/3.5 | DA1-3W1 | DA1-3W2 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 2-2.5 | 3.5-4 | 0-0 | 0-0 |
| | Sample Date | | 7/21/99 | 7/21/99 | 12/14/99 | 12/14/99 |
| | Lab | | CalTest | CalTest | Onsite | Onsite |
| | Sample Type | | N | N | N | N |
| | Event | | INTERIM | INTERIM | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | |
| acenaphthene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.47 U | 0.48 U |
| acenapthylene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.47 UJ | 0.48 UJ |
| anthracene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.17 U | 0.17 U |
| benzo(a)anthracene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.024 U | 0.024 U |
| benzo(a)pyrene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.024 U | 0.024 U |
| benzo(b)fluoranthene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.035 U | 0.036 U |
| benzo(g,h,i)perylene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.024 UJ | 0.024 UJ |
| benzo(k)fluoranthene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.024 U | 0.024 U |
| chrysene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.047 U | 0.048 U |
| dibenz(a,h)anthracene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.047 U | 0.048 U |
| fluoranthene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.059 U | 0.06 U |
| fluorene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.047 UJ | 0.048 UJ |
| indeno(1,2,3-c,d)pyrene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.047 U | 0.048 U |
| naphthalene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.47 UJ | 0.48 UJ |
| phenanthrene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.14 U | 0.14 U |
| pyrene | SW8310 | MG/KG | 0.022 U | 0.023 U | 0.071 U | 0.072 U |

## Table 5-15. Analytical Results for Demolition Site #1 - Soil
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| | Location ID | | DA1-1/1 | DA1-1/2 | DA1-1/4 | DA1-2/0.5 | DA1-2/1 |
|---|---|---|---|---|---|---|---|
| | Sample Depth | | 1-1.5 | 2-2.5 | 4-4.5 | 0.5-1 | 1-1.5 |
| | Sample Date | | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| | Lab | | CalTest | CalTest | CalTest | CalTest | CalTest |
| | Sample Type | | N | N | N | N | FR |
| | Event | | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM |
| **Analyte** | **Method** | **Units** | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.29 U | 0.29 U | 0.31 U | 0.28 U | 0.28 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.29 U | 0.29 U | 0.31 U | 0.28 U | 0.28 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.29 U | 0.29 U | 0.31 U | 0.28 U | 0.28 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.29 U | 0.29 U | 0.31 U | 0.28 U | 0.28 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.29 U | 0.29 U | 0.31 U | 0.28 U | 0.28 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | 0.29 U | 0.29 U | 0.31 U | 0.28 U | 0.28 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.29 U | 0.29 U | 0.31 U | 0.28 U | 0.28 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.29 U | 0.29 U | 0.31 U | 0.28 U | 0.28 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | 0.29 U | 0.29 U | 0.31 U | 0.28 U | 0.28 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.29 U | 0.29 U | 0.31 U | 0.28 U | 0.28 U |
| amino-dnts | SW8330 | MG/KG | | | | | |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.29 U | 0.29 U | 0.31 U | 0.28 U | 0.28 U |
| nitrobenzene | SW8330 | MG/KG | 0.29 U | 0.29 U | 0.31 U | 0.28 U | 0.28 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.29 U | 0.29 U | 0.31 U | 0.28 U | 0.28 U |
| tetryl | SW8330 | MG/KG | 0.29 UJ | 0.29 UJ | 0.31 UJ | 0.28 U | 0.28 UJ |

## Table 5-15. Analytical Results for Demolition Site #1 - Soil
(Page 6 of 7)

| | Location ID | | DA1-2/2 | DA1-2/3.5 | DA1-3W1 | DA1-3W2 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 2-2.5 | 3.5-4 | 0-0 | 0-0 |
| | Sample Date | | 7/21/99 | 7/21/99 | 12/14/99 | 12/14/99 |
| | Lab | | CalTest | CalTest | Onsite | Onsite |
| | Sample Type | | N | N | N | N |
| | Event | | INTERIM | INTERIM | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.28 U | 0.29 U | 0.5 U | 0.5 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.28 U | 0.29 U | 0.5 U | 0.5 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.28 U | 0.29 U | 0.5 U | 0.5 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.28 U | 0.29 U | 0.5 U | 0.5 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.28 U | 0.29 U | 0.5 U | 0.5 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | 0.28 U | 0.29 U | | |
| 2-nitrotoluene | SW8330 | MG/KG | 0.28 U | 0.29 U | 0.5 U | 0.5 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.28 U | 0.29 U | 0.5 U | 0.5 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | 0.28 U | 0.29 U | | |
| 4-nitrotoluene | SW8330 | MG/KG | 0.28 U | 0.29 U | 0.5 U | 0.5 U |
| amino-dnts | SW8330 | MG/KG | | | 0.99 U | 1 U |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.28 U | 0.29 U | 0.5 U | 0.5 U |
| nitrobenzene | SW8330 | MG/KG | 0.28 U | 0.29 U | 0.5 U | 0.5 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.28 U | 0.29 U | 0.5 U | 0.5 U |
| tetryl | SW8330 | MG/KG | 0.28 UJ | 0.29 UJ | 0.5 U | 0.5 U |

## Table 5-15. Analytical Results for Demolition Site #1 - Soil

(Page 7 of 7)

| | Location ID | | DA1-3W1 | DA1-3W1 | DA1-3W2 | DA1-3W2 |
|---|---|---|---|---|---|---|
| | Sample Depth | | 0-0 | 0-0 | 0-0 | 0-0 |
| | Sample Date | | 12/14/99 | 12/14/99 | 12/14/99 | 12/14/99 |
| | Lab | | Onsite | Quanterra | Onsite | Quanterra |
| | Sample Type | | N | N | N | N |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | |
| nitrogen, nitrite (as N) | E300-NO2N | MG/KG | | 0.036 U | | 0.17 J |
| nitrogen, nitrate (as N) | E300-NO3N | MG/KG | | 1.4 | | 2 |
| nitroglycerin | SW8330M | MG/KG | 0.63 U | | 0.63 U | |
| pentaerythritol tetranitrate | SW8330M | MG/KG | 0.63 U | | 0.63 U | |

## Table 5-16. Analytical Results for Demolition Site # 2 - Soil
(Page 1 of 3)

| | Location ID | | DA2-1/1 | DA2-1/1 | DA2-1/2 | DA2-1/3.75 | DA2-2/1 | DA2-2/1 | DA2-2/2 | DA2-2/4 |
|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 1-1.5 | 1-1.5 | 2-2.5 | 3.75-4.25 | 1-1.5 | 1-1.5 | 2-2.5 | 4-4.5 |
| | Sample Date | | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| | Lab | | CalTest | CalTest | CalTest | CalTest | CalTest | CalTest | CalTest | CalTest |
| | Sample Type | | FR | N | N | N | FR | N | N | N |
| | Event | | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM |
| **Analyte** | **Method** | **Units** | | | | | | | | |
| aluminum | SW6010B | MG/KG | 21000 | 20000 | 20000 | 21000 | 24000 | 22000 | 22000 | 15000 |
| antimony | SW6010B | MG/KG | 1.4 J | 1.1 J | 1 J | 0.502 U | 0.502 U | 0.502 U | 0.502 U | 0.78 J |
| arsenic | SW6010B | MG/KG | 19 | 15 | 16 | 15 | 16 | 15 | 17 | 13 |
| barium | SW6010B | MG/KG | 220 | 250 | 230 | 200 | 230 | 220 | 190 | 170 |
| beryllium | SW6010B | MG/KG | 0.47 | 0.59 | 0.48 | 0.49 | 0.58 | 0.47 | 0.46 | 0.35 |
| cadmium | SW6010B | MG/KG | 0.47 | 0.057 U | 0.057 U | 0.057 U | 0.057 U | 0.057 U | 0.057 U | 0.057 U |
| calcium | SW6010B | MG/KG | 4100 | 4300 | 3900 | 4100 | 4400 | 4300 | 4400 | 21000 |
| chromium, total | SW6010B | MG/KG | 58 | 48 | 48 | 49 | 58 | 54 | 52 | 41 |
| cobalt | SW6010B | MG/KG | 26 | 20 | 20 | 20 | 20 | 19 | 18 | 16 |
| copper | SW6010B | MG/KG | 65 | 66 | 62 | 60 | 64 | 64 | 64 | 51 |
| iron | SW6010B | MG/KG | 45000 | 42000 | 43000 | 46000 | 48000 | 47000 | 44000 | 36000 |
| lead | SW6010B | MG/KG | 32 | 14 | 11 | 11 | 14 | 15 | 31 | 14 |
| magnesium | SW6010B | MG/KG | 7500 | 7300 | 7400 | 7400 | 7500 | 7400 | 6800 | 8400 |
| manganese | SW6010B | MG/KG | 1400 | 1100 | 1100 | 1000 | 850 | 860 | 830 | 840 |
| molybdenum | SW6010B | MG/KG | 0.72 J | 0.76 J | 0.8 J | 0.62 J | 0.92 J | 0.7 J | 0.68 J | 0.58 J |
| nickel | SW6010B | MG/KG | 69 | 55 | 54 | 52 | 58 | 56 | 54 | 49 |
| potassium | SW6010B | MG/KG | 2600 J+ | 2400 J+ | 2900 J+ | 1900 J+ | 2100 J+ | 1900 | 2400 J+ | 1500 J+ |
| selenium | SW6010B | MG/KG | 1.7 J | 1.4 J | 1.3 J | 0.99 J | 1.2 J | 1.2 J | 2.3 J | 0.74 J |
| silver | SW6010B | MG/KG | 0.099 U | 0.099 U | 0.099 U | 0.099 U | 0.099 U | 0.099 U | 0.099 U | 0.099 U |
| sodium | SW6010B | MG/KG | 170 J | 180 J | 170 J | 120 J | 230 | 230 | 230 | 230 |
| thallium | SW6010B | MG/KG | 0.741 U | 0.741 U | 0.741 U | 0.741 U | 0.741 U | 0.741 U | 0.741 U | 0.741 U |
| vanadium | SW6010B | MG/KG | 79 | 75 | 78 | 79 | 89 | 84 | 81 | 60 |
| zinc | SW6010B | MG/KG | 93 | 89 | 84 | 80 | 87 | 120 | 91 | 71 |
| mercury | SW7471A | MG/KG | 0.11 | 0.059 | 0.036 | 0.037 | 0.058 | 0.07 | 0.1 | 0.069 |

## Table 5-16. Analytical Results for Demolition Site # 2 - Soil
(Page 2 of 3)

| | Location ID | | DA2-1/1 | DA2-1/1 | DA2-1/2 | DA2-1/3.75 | DA2-2/1 | DA2-2/1 | DA2-2/2 | DA2-2/4 |
|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 1-1.5 | 1-1.5 | 2-2.5 | 3.75-4.25 | 1-1.5 | 1-1.5 | 2-2.5 | 4-4.5 |
| | Sample Date | | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| | Lab | | CalTest | CalTest | CalTest | CalTest | CalTest | CalTest | CalTest | CalTest |
| | Sample Type | | FR | N | N | N | FR | N | N | N |
| | Event | | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM |
| **Analyte** | **Method** | **Units** | | | | | | | | |
| acenaphthene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.024 U | 0.025 U | 0.023 U | 0.023 U | 0.023 U | 0.023 U |
| acenapthylene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.024 U | 0.025 U | 0.023 U | 0.023 U | 0.023 U | 0.023 U |
| anthracene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.024 U | 0.025 U | 0.023 U | 0.023 U | 0.023 U | 0.023 U |
| benzo(a)anthracene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.024 U | 0.025 U | 0.023 U | 0.023 U | 0.023 U | 0.023 U |
| benzo(a)pyrene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.024 U | 0.025 U | 0.023 U | 0.023 U | 0.023 U | 0.023 U |
| benzo(b)fluoranthene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.024 U | 0.025 U | 0.023 U | 0.023 U | 0.023 U | 0.023 U |
| benzo(g,h,i)perylene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.024 U | 0.025 U | 0.023 U | 0.023 U | 0.023 U | 0.023 U |
| benzo(k)fluoranthene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.024 U | 0.025 U | 0.023 U | 0.023 U | 0.023 U | 0.023 U |
| chrysene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.024 U | 0.025 U | 0.023 U | 0.023 U | 0.023 U | 0.023 U |
| dibenz(a,h)anthracene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.024 U | 0.025 U | 0.023 U | 0.023 U | 0.023 U | 0.023 U |
| fluoranthene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.024 U | 0.025 U | 0.023 U | 0.023 U | 0.023 U | 0.023 U |
| fluorene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.024 UJ | 0.025 U | 0.023 U | 0.023 U | 0.023 U | 0.023 U |
| indeno(1,2,3-c,d)pyrene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.024 U | 0.025 U | 0.023 U | 0.023 U | 0.023 U | 0.023 U |
| naphthalene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.024 U | 0.025 U | 0.023 U | 0.023 U | 0.023 U | 0.023 U |
| phenanthrene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.024 U | 0.025 U | 0.023 U | 0.023 U | 0.023 U | 0.023 U |
| pyrene | SW8310 | MG/KG | 0.024 U | 0.024 U | 0.024 U | 0.025 U | 0.023 U | 0.023 U | 0.023 U | 0.023 U |

## Table 5-16. Analytical Results for Demolition Site # 2 - Soil
(Page 3 of 3)

| | Location ID | | DA2-1/1 | DA2-1/1 | DA2-1/2 | DA2-1/3.75 | DA2-2/1 | DA2-2/1 | DA2-2/2 | DA2-2/4 |
|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 1-1.5 | 1-1.5 | 2-2.5 | 3.75-4.25 | 1-1.5 | 1-1.5 | 2-2.5 | 4-4.5 |
| | Sample Date | | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 |
| | Lab | | CalTest | CalTest | CalTest | CalTest | CalTest | CalTest | CalTest | CalTest |
| | Sample Type | | FR | N | N | N | FR | N | N | N |
| | Event | | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM |
| **Analyte** | **Method** | **Units** | | | | | | | | |
| 1,3,5-trinitrobenzene | SW8330 | MG/KG | 0.3 U | 0.29 U | 0.3 U | 0.31 U | 0.29 U | 0.29 U | 0.28 U | 0.29 U |
| 1,3-dinitrobenzene | SW8330 | MG/KG | 0.3 U | 0.29 U | 0.3 U | 0.31 U | 0.29 U | 0.29 U | 0.28 U | 0.29 U |
| 2,4,6-trinitrotoluene | SW8330 | MG/KG | 0.3 U | 0.29 U | 0.3 U | 0.31 U | 0.29 U | 0.29 U | 0.28 U | 0.29 U |
| 2,4-dinitrotoluene | SW8330 | MG/KG | 0.3 U | 0.29 U | 0.3 U | 0.31 U | 0.29 U | 0.29 U | 0.28 U | 0.29 U |
| 2,6-dinitrotoluene | SW8330 | MG/KG | 0.3 U | 0.29 U | 0.3 U | 0.31 U | 0.29 U | 0.29 U | 0.28 U | 0.29 U |
| 2-amino-4,6-dinitrotoluene | SW8330 | MG/KG | 0.3 U | 0.29 U | 0.3 U | 0.31 U | 0.29 U | 0.29 U | 0.28 U | 0.29 U |
| 2-nitrotoluene | SW8330 | MG/KG | 0.3 U | 0.29 U | 0.3 U | 0.31 U | 0.29 U | 0.29 U | 0.28 U | 0.29 U |
| 3-nitrotoluene | SW8330 | MG/KG | 0.3 U | 0.29 U | 0.3 U | 0.31 U | 0.29 U | 0.29 U | 0.28 U | 0.29 U |
| 4-amino-2,6-dinitrotoluene | SW8330 | MG/KG | 0.3 U | 0.29 U | 0.3 U | 0.31 U | 0.29 U | 0.29 U | 0.28 U | 0.29 U |
| 4-nitrotoluene | SW8330 | MG/KG | 0.3 U | 0.29 U | 0.3 U | 0.31 U | 0.29 U | 0.29 U | 0.28 U | 0.29 U |
| hexahydro-1,3,5-trinitro-1,3,5-triazine | SW8330 | MG/KG | 0.3 U | 0.29 U | 0.3 U | 0.31 U | 0.29 U | 0.29 U | 0.28 U | 0.29 U |
| nitrobenzene | SW8330 | MG/KG | 0.3 U | 0.29 U | 0.3 U | 0.31 U | 0.29 U | 0.29 U | 0.28 U | 0.29 U |
| octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine | SW8330 | MG/KG | 0.3 U | 0.29 U | 0.3 U | 0.31 U | 0.29 U | 0.29 U | 0.28 U | 0.29 U |
| tetryl | SW8330 | MG/KG | 0.3 UJ | 0.29 UJ | 0.3 UJ | 0.31 UJ | 0.29 UJ | 0.29 UJ | 0.28 UJ | 0.29 UJ |

## Table 5-17. Analytical Results for Demolition Site # 3 - Soil
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| | Location ID | | DA3-1/1 | DA3-1/2 | DA3-1/4 | DA3-2/0.5 | DA3-2/1 | DA3-2/2 | DA3-2/4 | DA3-3/6 | DA3-3/10.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 1-1.5 | 2-2.5 | 4-4.5 | 0.5-1 | 1-1.5 | 2-2.5 | 4-4.5 | 6-6.5 | 10.5-11 |
| | Sample Date | | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 12/17/99 | 12/17/99 |
| | Lab | | CalTest | CalTest | CalTest | CalTest | CalTest | CalTest | CalTest | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | FR | N | N | N | N |
| | Event | | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | | | |
| aluminum | SW6010B | MG/KG | 13000 | 13000 | 16000 | 14000 | 15000 | 15000 | 18000 | 26200 | 16200 |
| antimony | SW6010B | MG/KG | 0.502 U | 0.502 U | 0.502 U | 0.502 U | 0.502 U | 0.502 U | 0.502 U | 0.41 J | 0.34 UJ |
| arsenic | SW6010B | MG/KG | 13 | 14 | 11 | 15 | 14 | 14 | 14 | 12.7 | 5.1 |
| barium | SW6010B | MG/KG | 180 | 180 | 130 | 250 | 240 | 230 | 250 | 246 | 200 |
| beryllium | SW6010B | MG/KG | 0.17 J | 0.16 J | 0.13 U | 0.33 | 0.33 | 0.22 | 0.13 U | 0.53 | 0.16 J |
| cadmium | SW6010B | MG/KG | 0.057 U | 0.12 J | 0.057 U | 0.057 U | 0.057 U | 0.057 U | 0.057 U | 0.54 U | 0.47 U |
| calcium | SW6010B | MG/KG | 2400 | 2900 | 2400 | 2600 | 2700 | 3000 | 3100 | 2710 | 12200 |
| chromium, total | SW6010B | MG/KG | 31 | 34 | 29 | 41 | 41 | 40 | 40 | 50.3 J+ | 26.8 J+ |
| cobalt | SW6010B | MG/KG | 18 | 18 | 24 | 18 | 17 | 17 | 15 | 20 | 10.1 |
| copper | SW6010B | MG/KG | 42 | 64 | 37 | 41 | 39 | 50 | 30 | 42.5 | 23.2 |
| iron | SW6010B | MG/KG | 40000 | 42000 | 43000 | 45000 | 41000 | 42000 | 48000 | 48600 | 37500 |
| lead | SW6010B | MG/KG | 6.7 | 16 | 3.2 | 7.5 | 7.5 | 17 | 4.7 | 6.1 UJ | 2.5 UJ |
| magnesium | SW6010B | MG/KG | 3600 | 4100 | 5700 | 3400 | 3500 | 4400 | 6100 | 5510 | 7210 |
| manganese | SW6010B | MG/KG | 660 | 680 | 190 | 1100 | 1100 | 920 | 350 | 798 | 3290 |
| molybdenum | SW6010B | MG/KG | 0.37 J | 0.7 J | 0.32 J | 0.44 J | 0.44 J | 0.43 J | 0.34 J | 0.63 U | 0.54 U |
| nickel | SW6010B | MG/KG | 23 | 28 | 22 | 33 | 33 | 35 | 31 | 34.4 | 19.5 |
| phosphorus, total (as P) | SW6010B | MG/KG | | | | | | | | 145 | 178 |
| potassium | SW6010B | MG/KG | 1300 J+ | 1300 J+ | 450 J+ | 1500 | 1400 J+ | 1300 J+ | 800 J+ | 1690 | 537 |
| selenium | SW6010B | MG/KG | 1.3 J | 1.2 J | 0.95 J | 1.1 J | 1.1 J | 1.1 J | 1.1 J | 1.7 J | 0.62 U |
| silver | SW6010B | MG/KG | 0.099 U | 0.18 J | 0.099 U | 0.099 U | 0.099 U | 0.099 U | 0.099 U | 0.25 U | 0.21 U |
| sodium | SW6010B | MG/KG | 83 J | 71 J | 140 J | 55 J | 44 J | 86 J | 110 J | 181 J | 234 J |
| thallium | SW6010B | MG/KG | 0.741 U | 0.741 U | 0.741 U | 0.741 U | 0.741 U | 0.741 U | 0.741 U | 0.96 U | 0.86 UJ |
| vanadium | SW6010B | MG/KG | 92 | 89 | 91 | 97 | 97 | 92 | 110 | 115 J+ | 82.4 J+ |
| zinc | SW6010B | MG/KG | 55 | 74 | 66 | 55 | 58 | 75 | 66 | 62.1 | 52.1 |
| mercury | SW7471A | MG/KG | 1.8 | 2.1 | 0.02 J | 0.044 | 0.076 | 0.65 | 0.046 | 0.017 UJ | 0.02 UJ |

## Table 5-17. Analytical Results for Demolition Site # 3 - Soil
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| | Location ID | | DA3-3/15.5 | DA3-4/5.5 | DA3-4/10.5 | DA3-5/7.5 | DA3-6/5.5 | DA3-6/10.5 | DA3-6/16.5 |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 15.5-16 | 5.5-6 | 10.5-11 | 7.5-8 | 5.5-6 | 10.5-11 | 16.5-17 |
| | Sample Date | | 12/17/99 | 12/17/99 | 12/17/99 | 12/17/99 | 12/17/99 | 12/17/99 | 12/17/99 |
| | Lab | | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra | Quanterra |
| | Sample Type | | N | N | N | N | N | N | FR |
| | Event | | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | |
| aluminum | SW6010B | MG/KG | 23000 | 19500 | 22000 | 23900 | 23400 | 21300 | 21400 |
| antimony | SW6010B | MG/KG | 0.75 J | 0.34 UJ | 0.38 UJ | 0.61 J | 1.3 J | 0.4 J | 0.37 J |
| arsenic | SW6010B | MG/KG | 13.8 | 4.4 | 16.7 | 8 | 13.9 | 21.6 | 6.2 |
| barium | SW6010B | MG/KG | 254 | 211 | 234 | 242 | 253 | 241 | 279 |
| beryllium | SW6010B | MG/KG | 0.54 | 0.3 J | 0.56 | 0.51 | 0.46 | 0.4 J | 0.64 |
| cadmium | SW6010B | MG/KG | 0.5 U | 0.46 U | 0.52 U | 0.52 J | 1.2 | 0.51 U | 0.5 U |
| calcium | SW6010B | MG/KG | 4530 | 2460 | 3740 | 4700 | 8360 | 4550 | 4690 |
| chromium, total | SW6010B | MG/KG | 48.2 J+ | 27 J+ | 39.3 J+ | 53.8 J+ | 44.2 J+ | 43.7 J+ | 53.2 J+ |
| cobalt | SW6010B | MG/KG | 27.4 | 6.4 | 25.7 | 23.4 | 19.1 | 17.3 | 21.6 |
| copper | SW6010B | MG/KG | 82.9 | 22.8 | 69.9 | 80.9 | 68.9 | 57.7 | 78.4 |
| iron | SW6010B | MG/KG | 46500 | 40500 | 48000 | 45200 | 46300 | 43800 | 40300 |
| lead | SW6010B | MG/KG | 10 UJ | 2 UJ | 7.9 UJ | 12.7 UJ | 20.9 UJ | 16.9 UJ | 7.8 UJ |
| magnesium | SW6010B | MG/KG | 9410 | 6670 | 7990 | 10200 | 6980 | 7070 | 9600 |
| manganese | SW6010B | MG/KG | 299 | 131 | 377 | 446 | 747 | 501 | 355 |
| molybdenum | SW6010B | MG/KG | 0.67 UJ | 0.54 U | 0.98 UJ | 0.8 UJ | 0.56 U | 0.59 U | 0.57 U |
| nickel | SW6010B | MG/KG | 53.3 | 20 | 61.3 | 59.7 | 35.7 | 35 | 64.2 |
| phosphorus, total (as P) | SW6010B | MG/KG | 197 | 147 | 130 | 243 | 229 | 201 | 218 |
| potassium | SW6010B | MG/KG | 1590 | 580 | 1070 | 1900 | 1420 | 1450 | 2070 |
| selenium | SW6010B | MG/KG | 0.72 J | 1.5 J | 1.8 J | 1.4 J | 1 J | 2 J | 0.91 J |
| silver | SW6010B | MG/KG | 0.23 U | 0.21 U | 0.24 U | 0.22 U | 0.22 U | 0.23 U | 0.23 U |
| sodium | SW6010B | MG/KG | 319 J | 176 J | 288 J | 254 J | 221 J | 619 J | 205 J |
| thallium | SW6010B | MG/KG | 0.89 U | 0.82 U | 0.92 U | 0.84 U | 0.85 U | 0.9 U | 0.44 U |
| vanadium | SW6010B | MG/KG | 84.4 J+ | 85.8 J+ | 82 J+ | 74.3 J+ | 101 J+ | 94.2 J+ | 54.4 J+ |
| zinc | SW6010B | MG/KG | 112 | 52.3 | 122 | 114 | 92.5 | 87 | 109 |
| mercury | SW7471A | MG/KG | 0.04 UJ | 0.033 J | 0.041 J | 0.12 | 0.8 | 0.57 | 0.054 UJ |

## Table 5-17. Analytical Results for Demolition Site # 3 - Soil
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| | Location ID | | DA3-1/1 | DA3-1/2 | DA3-1/4 | DA3-2/0.5 | DA3-2/1 | DA3-2/2 | DA3-2/4 | DA3-3/5.5 | DA3-3/10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | | 1-1.5 | 2-2.5 | 4-4.5 | 0.5-1 | 1-1.5 | 2-2.5 | 4-4.5 | 5.5-6 | 10-10.5 |
| | Sample Date | | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 7/21/99 | 12/17/99 | 12/17/99 |
| | Lab | | CalTest | CalTest | CalTest | CalTest | CalTest | CalTest | CalTest | Onsite | Onsite |
| | Sample Type | | N | N | N | N | FR | N | N | N | N |
| | Event | | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | INTERIM | REMEDIAL | REMEDIAL |
| **Analyte** | **Method** | **Units** | | | | | | | | | |
| acenaphthene | SW8310 | MG/KG | 0.021 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.023 U | 0.46 U | 0.46 U |
| acenapthylene | SW8310 | MG/KG | 0.021 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.023 U | 0.46 U | 0.46 U |
| anthracene | SW8310 | MG/KG | 0.021 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.023 U | 0.16 U | 0.16 U |
| benzo(a)anthracene | SW8310 | MG/KG | 0.021 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.023 U | 0.023 U | 0.023 U |
| benzo(a)pyrene | SW8310 | MG/KG | 0.021 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.023 U | 0.023 U | 0.023 U |
| benzo(b)fluoranthene | SW8310 | MG/KG | 0.021 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.023 U | 0.035 U | 0.035 U |
| benzo(g,h,i)perylene | SW8310 | MG/KG | 0.021 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.023 U | 0.023 U | 0.023 U |
| benzo(k)fluoranthene | SW8310 | MG/KG | 0.021 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.023 U | 0.023 U | 0.023 U |
| chrysene | SW8310 | MG/KG | 0.021 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.023 U | 0.046 U | 0.046 U |
| dibenz(a,h)anthracene | SW8310 | MG/KG | 0.021 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.023 U | 0.046 U | 0.046 U |
| fluoranthene | SW8310 | MG/KG | 0.021 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.023 U | 0.058 U | 0.058 U |
| fluorene | SW8310 | MG/KG | 0.021 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.023 U | 0.046 U | 0.046 U |
| indeno(1,2,3-c,d)pyrene | SW8310 | MG/KG | 0.021 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.023 U | 0.046 U | 0.046 U |
| naphthalene | SW8310 | MG/KG | 0.021 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.023 U | 0.46 U | 0.46 U |
| phenanthrene | SW8310 | MG/KG | 0.021 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.023 U | 0.14 U | 0.14 U |
| pyrene | SW8310 | MG/KG | 0.021 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.022 U | 0.023 U | 0.069 U | 0.069 U |