

**WEEKLY PROGRESS UPDATE
FOR MARCH 1 – MARCH 5, 2004**

EPA REGION I ADMINISTRATIVE ORDERS SDWA 1-97-1019 and 1-2000-0014

**MASSACHUSETTS MILITARY RESERVATION
TRAINING RANGE AND IMPACT AREA**

The following summary of progress is for the period from March 1 through March 5, 2004.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of March 5, 2004 is summarized in Table 1.

| Table 1. Drilling progress as of March 5, 2004 | | | | |
|---|-------------------------------|-----------------------------|---------------------------------|--|
| Boring Number | Purpose of Boring/Well | Total Depth (ft bgs) | Saturated Depth (ft bwt) | Completed Well Screens (ft bgs) |
| MW-307 | J-2 Range (J2P-28) | 331 | 224 | |
| MW-310 | J-2 Range (J2P-22) | 322 | 237 | 171-181 |
| MW-312 | Demo Area 2 (D2P-6) | 220 | 67 | 177-187 |
| MW-313 | J-2 Range (J2P-34) | 337 | 215 | |
| MW-315 | J-1 Range (J1P-27) | 318 | 193 | |
| MW-318 | J-2 Range (J2P-35) | 310 | 189 | |
| MW-319 | J-2 Range (J2P-21) | 310 | 217 | |
| bgs = below ground surface | | | | |
| bwt = below water table | | | | |

Completed well installation at MW-310 (J2P-22) and MW-312 (D2P-6); commenced well installation at MW-313 (J2P-34); and continued drilling at MW-318 (J2P-35) and MW-319 (J2P-21).

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-318 and MW-319. Groundwater samples were collected from Bourne water supply and monitoring wells, a residential well, recently installed wells, and as part of the December round of the Draft 2003 Long-Term Groundwater Monitoring Program. An investigation-derived waste (IDW) sample was collected from the Granular Activated Carbon (GAC) treatment system. Soil samples were collected from grids at Demo Area 1, Target 23, and a transect at Target 23 in the Central Impact Area.

2. SUMMARY OF DATA RECEIVED

Rush data are summarized in Table 3. These data are for analyses that are performed on a fast turn around time, typically 1-5 days. Perchlorate and explosive analyses for monitoring wells, and perchlorate, explosive and volatile organic compound (VOC) analyses for groundwater profile samples, are conducted in this timeframe, as well as any analyses pursuant to a special request. The rush data are not validated, but are provided as an indication of the most recent preliminary results. Table 3 summarizes only detects, and does not show samples with non-detects.

The status of the explosive detections with respect to confirmation using Photo Diode Array (PDA) spectra is indicated in Table 3. PDA is a procedure that has been implemented for the explosive analysis, to reduce the likelihood of false positive identifications. Where the PDA status is "YES" in Table 3, the detected compound is verified as properly identified. Where the status is "NO", the identification of an explosive has been determined to be a false positive. Where the status is blank, PDA has not yet been used to evaluate the detection, or PDA is not applicable because the analyte is a VOC or perchlorate. Most explosive detections verified by PDA are confirmed to be present upon completion of validation. Table 3 includes the following detections:

Table 3 includes detections from the following areas:

Northwest Corner

- A groundwater sample from RSNW03 had a detection of perchlorate. The result was similar to previous sampling rounds.
- A groundwater sample from MW-301S had a detection of perchlorate. This is the first sampling event for this well and the result was more than 3 times the concentration of the profile sample from this interval.

Western Boundary

- Groundwater samples from 97-5 and MW-213M2, M3 and duplicate had detections of perchlorate. The results were similar to previous sampling rounds.

3. DELIVERABLES SUBMITTED

Weekly Progress Update for February 23, 2004 – February 27, 2004

03/05/2004

4. SCHEDULED ACTIONS

Scheduled actions for the week of March 1 include complete well installation at MW-313 (J2P-34); complete drilling at MW-318 (J2P-35) and MW-319 (J2P-21); and commence drilling at MW-316 (BP-6), MW-320 (NWP-15), MW-321 (J2P-24), and MW-322 (J2P-36). Groundwater sampling of Bourne water supply and monitoring wells and as part of the December round of the Draft 2003 Long-Term Groundwater Monitoring Plan will continue. Soil sampling will continue as part of the Central Impact Area Focused Investigation.

5. SUMMARY OF ACTIVITIES FOR DEMO AREA 1

Installation and development of extraction and injection wells for the Groundwater RRA is ongoing. Installation of subsurface piping and well vaults for the Frank Perkins Road Extraction, Treatment and Recharge System will be completed this month. Installation of subsurface piping and electrical supply for the Pew Road Extraction, Treatment and Recharge System will also commence this month.

As part of the Soil RRA, excavation of contaminated soil within the Demo 1 depression continues. A total of 2,656 tons of contaminated soil have been processed as part of preliminary soil treatment activities. Preparation for the Proof of Performance testing is ongoing. Additional excavation and anomaly removal activities will be conducted next week.

**TABLE 2
SAMPLING PROGRESS
02/29/2004 - 03/06/2004**

| SAMPLE_ID | GIS_LOCID | LOGDATE | SAMP_TYPE | SBD | SED | BWTS | BWTE |
|---------------|-------------|------------|-------------|--------|--------|--------|--------|
| 4036000-01G-A | 4036000-01G | 03/01/2004 | GROUNDWATER | 38 | 69.8 | 6 | 12 |
| 4036000-06G-A | 4036000-06G | 03/01/2004 | GROUNDWATER | 108 | 128 | 6 | 12 |
| 58MW0002-A | 58MW0002 | 03/02/2004 | GROUNDWATER | 121.2 | 126.2 | 0 | 5 |
| 58MW0003-A | 58MW0003 | 03/02/2004 | GROUNDWATER | 118.1 | 124 | 0 | 5 |
| 58MW0006E-A | 58MW0006E | 03/03/2004 | GROUNDWATER | 109.6 | 119.6 | 0 | 10 |
| 58MW0009C-A | 58MW0009C | 03/05/2004 | GROUNDWATER | 168.21 | 173.21 | 41 | 47 |
| 58MW0009E-A | 58MW0009E | 03/05/2004 | GROUNDWATER | 133.4 | 138.4 | 6.5 | 11.5 |
| 58MW0009E-D | 58MW0009E | 03/05/2004 | GROUNDWATER | 133.4 | 138.4 | 6.5 | 11.5 |
| 58MW0011D-A | 58MW0011D | 03/04/2004 | GROUNDWATER | 175.4 | 180.4 | 49.5 | 54.5 |
| 58MW0016B-A | 58MW0016B | 03/05/2004 | GROUNDWATER | 151.09 | 160.74 | 28.5 | 38.5 |
| 58MW0016C-A | 58MW0016C | 03/05/2004 | GROUNDWATER | 116.7 | 126.33 | 0 | 10 |
| 58MW0018A-A | 58MW0018A | 03/04/2004 | GROUNDWATER | 202.7 | 211.7 | 60.85 | 69.85 |
| 58MW0018B-A | 58MW0018B | 03/04/2004 | GROUNDWATER | 175.9 | 185.58 | 34.55 | 44.55 |
| 90MP0060C-A | 90MP0060C | 03/01/2004 | GROUNDWATER | 126.52 | 129.02 | | |
| 90MW0003-A | 90MW0003 | 03/03/2004 | GROUNDWATER | 144 | 149 | 52.11 | 57.11 |
| 90MW0005-A | 90MW0005 | 03/03/2004 | GROUNDWATER | 184 | 189 | 89.03 | 94.03 |
| 90MW0006-A | 90MW0006 | 03/03/2004 | GROUNDWATER | 129 | 134 | 52.85 | 57.85 |
| 90MW0011-A | 90MW0011 | 03/04/2004 | GROUNDWATER | 46.5 | 51.5 | 34.8 | 39.8 |
| 90MW0101A-A | 90MW0101A | 03/03/2004 | GROUNDWATER | 112.69 | 117.5 | 104.4 | 109.4 |
| 90MW0102A-A | 90MW0102A | 03/03/2004 | GROUNDWATER | 112.9 | 117.7 | 108.2 | 113.2 |
| MW-300M2- | MW-300 | 03/03/2004 | GROUNDWATER | 197.23 | 207.23 | 94.23 | 94.23 |
| MW-300M3- | MW-300 | 03/03/2004 | GROUNDWATER | 135.31 | 145.31 | 32.31 | 32.31 |
| OW-1-A | OW-1 | 03/02/2004 | GROUNDWATER | 126 | 136 | 0 | 10 |
| OW-2-A | OW-2 | 03/02/2004 | GROUNDWATER | 175 | 185 | 48.78 | 58.78 |
| OW-6-A | OW-6 | 03/02/2004 | GROUNDWATER | 175 | 185 | 46.8 | 56.8 |
| OW-6-D | OW-6 | 03/02/2004 | GROUNDWATER | 175 | 185 | 46.8 | 56.8 |
| RSNW03-A | RSNW03 | 03/03/2004 | GROUNDWATER | | | | |
| W02-13M1A | 02-13 | 03/01/2004 | GROUNDWATER | 98 | 108 | 58.33 | 68.33 |
| W02-13M1D | 02-13 | 03/01/2004 | GROUNDWATER | 98 | 108 | 58.33 | 68.33 |
| W02-13M2A | 02-13 | 03/01/2004 | GROUNDWATER | 83 | 93 | 44.2 | 54.2 |
| W02-13M3A | 02-13 | 03/01/2004 | GROUNDWATER | 68 | 78 | 28.3 | 38.3 |
| W107M1A | MW-107 | 03/03/2004 | GROUNDWATER | 155 | 165 | 35 | 45 |
| W107M2A | MW-107 | 03/02/2004 | GROUNDWATER | 125 | 135 | 5 | 15 |
| W158M2A | MW-158 | 03/05/2004 | GROUNDWATER | 124.5 | 134.5 | 37 | 47 |
| W162M1A | MW-162 | 03/01/2004 | GROUNDWATER | 190.5 | 200.5 | 114.28 | 124.28 |

Profiling methods may include: Volatiles, Explosives, and Perchlorate
Groundwater methods include: Volatiles, Semivolatiles, Explosives,
Pesticides, Herbicides, Metals, Perchlorate and Wet Chemistry
Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
SED = Sample End Depth, measured in feet bgs
BWTS = Depth below water table, start depth, measured in feet
BWTE = Depth below water table, end depth, measured in feet

**TABLE 2
SAMPLING PROGRESS
02/29/2004 - 03/06/2004**

| SAMPLE_ID | GIS_LOCID | LOGDATE | SAMP_TYPE | SBD | SED | BWTS | BWTE |
|------------------|------------------|----------------|------------------|------------|------------|-------------|-------------|
| W162M2A | MW-162 | 03/01/2004 | GROUNDWATER | 125.5 | 135.5 | 49.28 | 59.28 |
| W162M3A | MW-162 | 03/01/2004 | GROUNDWATER | 85.5 | 95.5 | 9.28 | 19.28 |
| W165M1A | MW-165 | 03/01/2004 | GROUNDWATER | 184.5 | 194.5 | 106 | 116 |
| W165M2A | MW-165 | 03/01/2004 | GROUNDWATER | 124.5 | 134.5 | 46 | 56 |
| W165M2D | MW-165 | 03/01/2004 | GROUNDWATER | 124.5 | 134.5 | 46 | 56 |
| W165M3A | MW-165 | 03/01/2004 | GROUNDWATER | 94.5 | 104.5 | 16 | 26 |
| W169M2A | MW-169 | 03/01/2004 | GROUNDWATER | 113.5 | 118.5 | 113 | 118 |
| W171M1A | MW-171 | 03/04/2004 | GROUNDWATER | 141 | 146 | 143 | 148 |
| W171M2A | MW-171 | 03/04/2004 | GROUNDWATER | 81 | 86 | 83 | 88 |
| W171M3A | MW-171 | 03/04/2004 | GROUNDWATER | 29 | 34 | 31 | 36 |
| W187DDA | MW-187 | 03/05/2004 | GROUNDWATER | 306 | 316 | 199.5 | 209.5 |
| W205DDA | MW-205 | 03/02/2004 | GROUNDWATER | 266 | 276 | 167.6 | 177.6 |
| W257M1A | MW-257 | 03/02/2004 | GROUNDWATER | 290 | 300 | 145.52 | 155.52 |
| W257M2A | MW-257 | 03/02/2004 | GROUNDWATER | 195 | 205 | 51.27 | 61.27 |
| W265M1A | MW-265 | 03/03/2004 | GROUNDWATER | 265 | 275 | 137.65 | 147.65 |
| W265M2A | MW-265 | 03/03/2004 | GROUNDWATER | 255 | 235 | 97.6 | 107.6 |
| W265M3A | MW-265 | 03/03/2004 | GROUNDWATER | 200 | 210 | 72.44 | 82.44 |
| W286M1A | MW-286 | 03/04/2004 | GROUNDWATER | 259 | 269 | 135.61 | 145.61 |
| W286M2A | MW-286 | 03/04/2004 | GROUNDWATER | 205 | 215 | 81.42 | 91.42 |
| W286SSA | MW-286 | 03/04/2004 | GROUNDWATER | 122 | 132 | 0 | 10 |
| W32MMA | MW-32 | 03/04/2004 | GROUNDWATER | 161.5 | 171.5 | 65 | 75 |
| W32SSA | MW-32 | 03/04/2004 | GROUNDWATER | 146.5 | 151.5 | 50 | 55 |
| W33DDA | MW-33 | 03/04/2004 | GROUNDWATER | 181.5 | 186.5 | 85 | 90 |
| W33MMA | MW-33 | 03/05/2004 | GROUNDWATER | 161.5 | 171.5 | 65 | 75 |
| W33SSA | MW-33 | 03/04/2004 | GROUNDWATER | 146.5 | 151.5 | 50 | 55 |
| W34M1A | MW-34 | 03/05/2004 | GROUNDWATER | 151 | 161 | 73 | 83 |
| W34M2A | MW-34 | 03/05/2004 | GROUNDWATER | 131 | 141 | 53 | 63 |
| W34M3A | MW-34 | 03/05/2004 | GROUNDWATER | 111 | 121 | 33 | 43 |
| W36M1A | MW-36 | 03/03/2004 | GROUNDWATER | 151 | 161 | 74 | 84 |
| W36M2A | MW-36 | 03/03/2004 | GROUNDWATER | 131 | 141 | 54 | 64 |
| W36M2D | MW-36 | 03/03/2004 | GROUNDWATER | 131 | 141 | 54 | 64 |
| W36SSA | MW-36 | 03/03/2004 | GROUNDWATER | 73 | 83 | 0 | 10 |
| W37M1A | MW-37 | 03/01/2004 | GROUNDWATER | 181 | 191 | 62 | 72 |
| W37M2A | MW-37 | 03/01/2004 | GROUNDWATER | 145 | 155 | 26 | 36 |
| W37M3A | MW-37 | 03/01/2004 | GROUNDWATER | 130 | 140 | 11 | 21 |

Profiling methods may include: Volatiles, Explosives, and Perchlorate
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|-------------|-----------|------------|-------------|-------|-------|------|------|
| W47DDA | MW-47 | 03/05/2004 | GROUNDWATER | 194 | 204 | 100 | 110 |
| W47M1A | MW-47 | 03/05/2004 | GROUNDWATER | 169 | 179 | 75 | 85 |
| W47M2A | MW-47 | 03/05/2004 | GROUNDWATER | 131.5 | 141.5 | 38 | 48 |
| W71SSA | MW-71 | 03/01/2004 | GROUNDWATER | 158 | 168 | 0 | 10 |
| W74M1A | MW-74 | 03/02/2004 | GROUNDWATER | 170 | 180 | 76 | 86 |
| W74M2A | MW-74 | 03/02/2004 | GROUNDWATER | 125 | 135 | 31 | 41 |
| W74M3A | MW-74 | 03/02/2004 | GROUNDWATER | 100 | 110 | 6 | 16 |
| W85M1A | MW-85 | 03/02/2004 | GROUNDWATER | 137.5 | 147.5 | 22 | 32 |
| W85M1D | MW-85 | 03/02/2004 | GROUNDWATER | 137.5 | 147.5 | 22 | 32 |
| W85SSA | MW-85 | 03/02/2004 | GROUNDWATER | 116 | 126 | 1 | 11 |
| DW030404-NV | GAC WATER | 03/04/2004 | IDW | 0 | 0 | | |
| MW-318-01 | MW-318 | 03/01/2004 | PROFILE | 130 | 130 | 9 | 9 |
| MW-318-02 | MW-318 | 03/01/2004 | PROFILE | 140 | 140 | 19 | 19 |
| MW-318-03 | MW-318 | 03/01/2004 | PROFILE | 150 | 150 | 29 | 29 |
| MW-318-03FD | MW-318 | 03/01/2004 | PROFILE | 150 | 150 | 29 | 29 |
| MW-318-05 | MW-318 | 03/02/2004 | PROFILE | 160 | 160 | 39 | 39 |
| MW-318-06 | MW-318 | 03/02/2004 | PROFILE | 170 | 170 | 49 | 49 |
| MW-318-07 | MW-318 | 03/02/2004 | PROFILE | 180 | 180 | 59 | 59 |
| MW-318-09 | MW-318 | 03/03/2004 | PROFILE | 200 | 200 | 69 | 69 |
| MW-318-10 | MW-318 | 03/03/2004 | PROFILE | 210 | 210 | 79 | 79 |
| MW-318-11 | MW-318 | 03/03/2004 | PROFILE | 220 | 220 | 89 | 89 |
| MW-318-12 | MW-318 | 03/03/2004 | PROFILE | 230 | 230 | 99 | 99 |
| MW-318-13 | MW-318 | 03/03/2004 | PROFILE | 240 | 240 | 109 | 109 |
| MW-318-13FD | MW-318 | 03/03/2004 | PROFILE | 240 | 240 | 109 | 109 |
| MW-318-14 | MW-318 | 03/03/2004 | PROFILE | 250 | 250 | 119 | 119 |
| MW-318-15 | MW-318 | 03/03/2004 | PROFILE | 260 | 260 | 129 | 129 |
| MW-318-16 | MW-318 | 03/03/2004 | PROFILE | 270 | 270 | 139 | 139 |
| MW-318-17 | MW-318 | 03/03/2004 | PROFILE | 280 | 280 | 149 | 149 |
| MW-318-19 | MW-318 | 03/04/2004 | PROFILE | 290 | 290 | 159 | 159 |
| MW-318-21 | MW-318 | 03/05/2004 | PROFILE | 300 | 300 | 169 | 169 |
| MW-319-11 | MW-319 | 03/01/2004 | PROFILE | 200 | 200 | 107 | 107 |
| MW-319-12 | MW-319 | 03/01/2004 | PROFILE | 210 | 210 | 117 | 117 |
| MW-319-13 | MW-319 | 03/02/2004 | PROFILE | 220 | 220 | 127 | 127 |
| MW-319-13FD | MW-319 | 03/02/2004 | PROFILE | 220 | 220 | 127 | 127 |
| MW-319-14 | MW-319 | 03/02/2004 | PROFILE | 230 | 230 | 137 | 137 |

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02/29/2004 - 03/06/2004**

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|-------------|-----------|------------|-----------|-----|------|------|------|
| MW-319-15 | MW-319 | 03/02/2004 | PROFILE | 240 | 240 | 147 | 147 |
| MW-319-16 | MW-319 | 03/02/2004 | PROFILE | 250 | 250 | 157 | 157 |
| MW-319-17 | MW-319 | 03/03/2004 | PROFILE | 260 | 260 | 167 | 167 |
| MW-319-19 | MW-319 | 03/03/2004 | PROFILE | 280 | 280 | 187 | 187 |
| MW-319-21 | MW-319 | 03/04/2004 | PROFILE | 290 | 290 | 197 | 197 |
| MW-319-22 | MW-319 | 03/04/2004 | PROFILE | 300 | 300 | 207 | 207 |
| MW-319-23 | MW-319 | 03/05/2004 | PROFILE | 310 | 310 | 217 | 217 |
| HC115C1AAA | 115C | 03/04/2004 | SOIL GRID | 0 | 0.25 | | |
| HC115D1AAA | 115D | 03/03/2004 | SOIL GRID | 0 | 0.25 | | |
| HC115D1AAD | 115D | 03/03/2004 | SOIL GRID | 0 | 0.25 | | |
| HC115E1AAA | 115E | 03/03/2004 | SOIL GRID | 0 | 0.25 | | |
| HC115F1AAA | 115F | 03/04/2004 | SOIL GRID | 1 | 2 | | |
| HC115F1BAA | 115F | 03/04/2004 | SOIL GRID | 2 | 3 | | |
| HC115F1CAA | 115F | 03/04/2004 | SOIL GRID | 3 | 4 | | |
| HC115F1DAA | 115F | 03/04/2004 | SOIL GRID | 4 | 5 | | |
| HC115F1EAA | 115F | 03/04/2004 | SOIL GRID | 5 | 6 | | |
| HC115F1FAA | 115F | 03/05/2004 | SOIL GRID | 6 | 7 | | |
| HC115F1GAA | 115F | 03/05/2004 | SOIL GRID | 7 | 8 | | |
| HC115TA1AAA | 115TA | 03/03/2004 | SOIL GRID | 0 | 0.25 | | |
| HC115TB1AAA | 115TB | 03/03/2004 | SOIL GRID | 0 | 0.25 | | |
| HC115TC1AAA | 115TC | 03/03/2004 | SOIL GRID | 0 | 0.25 | | |
| HC115TD1AAA | 115TD | 03/03/2004 | SOIL GRID | 0 | 0.25 | | |
| HC115TE1AAA | 115TE | 03/03/2004 | SOIL GRID | 0 | 0.25 | | |
| HC115TF1AAA | 115TF | 03/03/2004 | SOIL GRID | 0 | 0.25 | | |
| HC115TG1AAA | 115TG | 03/03/2004 | SOIL GRID | 0 | 0.25 | | |
| HC115TG1AAD | 115TG | 03/03/2004 | SOIL GRID | 0 | 0.25 | | |
| HC115TH1AAA | 115TH | 03/03/2004 | SOIL GRID | 0 | 0.25 | | |
| HC115TI1AAA | 115TI | 03/03/2004 | SOIL GRID | 0 | 0.25 | | |
| HC115TJ1AAA | 115TJ | 03/03/2004 | SOIL GRID | 0 | 0.25 | | |
| A5-NW02 | A5-NW02 | 03/01/2004 | SOIL_GRID | 0 | 0.5 | | |
| A5-SW02 | A5-SW02 | 03/01/2004 | SOIL_GRID | 0 | 0.5 | | |
| B4-NE02 | B4-NE02 | 03/02/2004 | SOIL_GRID | 0 | 0.5 | | |
| B4-SE02 | B4-SE02 | 03/02/2004 | SOIL_GRID | 0 | 0.5 | | |
| C3-NE02 | C3-NE02 | 03/01/2004 | SOIL_GRID | 0 | 0.5 | | |
| C4-NW01 | C4-NW01 | 03/01/2004 | SOIL_GRID | 0 | 0.5 | | |

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02/29/2004 - 03/06/2004**

| SAMPLE_ID | GIS_LOCID | LOGDATE | SAMP_TYPE | SBD | SED | BWTS | BWTE |
|------------------|------------------|----------------|------------------|------------|------------|-------------|-------------|
| C7-NE02 | C7-NE02 | 03/02/2004 | SOIL_GRID | 0 | 0.5 | | |
| D7-SE02 | D7-SE02 | 03/02/2004 | SOIL_GRID | 0 | 0.5 | | |

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**TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 02/06/04 - 03/06/04**

| SAMPLE ID | LOCID OR WELL | SAMPLED | SAMP TYPE | SBD | SED | BWTS | BWTE | METHOD | ANALYTE | PDA |
|------------------|----------------------|----------------|------------------|------------|------------|-------------|-------------|---------------|----------------|------------|
| RSNW03-A | RSNW03 | 03/03/2004 | GROUNDWATER | | | | | E314.0 | PERCHLORATE | |
| W213M2A | MW-213 | 02/24/2004 | GROUNDWATER | 89 | 99 | 41.15 | 51.15 | E314.0 | PERCHLORATE | |
| W213M3A | MW-213 | 02/24/2004 | GROUNDWATER | 77 | 82 | 29.38 | 34.38 | E314.0 | PERCHLORATE | |
| W213M3D | MW-213 | 02/24/2004 | GROUNDWATER | 77 | 82 | 29.38 | 34.38 | E314.0 | PERCHLORATE | |
| W301SSA | MW-301 | 02/25/2004 | GROUNDWATER | 97 | 107 | 1.32 | 11.32 | E314.0 | PERCHLORATE | |
| XXM975-A | 97-5 | 02/25/2004 | GROUNDWATER | 84 | 94 | 76 | 86 | E314.0 | PERCHLORATE | |

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.

SBD = SAMPLE COLLECTION BEGIN DEPTH IN FEET BELOW GROUND SURFACE

SED = SAMPLE COLLECTION END DEPTH IN FEET BELOW GROUND SURFACE

BWTS = DEPTH BELOW WATER TABLE, START DEPTH, MEASURED IN FEET

BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET

PDA/YES = Photo Diode Array, Detect Confirmed

PDA/NO = Photo Diode Array, Detect Not Confirmed

*** = Interference in sample**

+ = PDAs are not good matches