

**INTERIM MONTH REPORT
FOR OCTOBER 1 – OCTOBER 14, 2005**

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 October 1 through October 14, 2005.

1. SUMMARY OF REMEDIATION ACTIONS

The following is a description of remediation actions taken as part of or in preparation for Rapid Response Action (RRA) Plans for various Areas of Concern at Camp Edwards through October 14, 2005. A Rapid Response Action is an interim action that may be conducted prior to risk assessments or remedial investigations to address a known, ongoing threat of contamination to groundwater and/or soil.

Demo Area 1 Groundwater RRA

The Demo Area 1 Groundwater RRA consists of the removal and treatment of contaminated groundwater to control further migration of explosives and perchlorate. Extraction, treatment, and recharge systems (ETR) at Frank Perkins Road and Pew Road include single extraction wells, ex-situ treatment processes to remove explosives and perchlorate from the groundwater and injection wells to return treated water to the aquifer.

The Pew Road ETR continues operation at a flow rate of 100 gallons per minute (gpm). Perchlorate and hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) have been detected in influent samples. The Granular Activated Carbon (GAC) media was exchanged in the first and second pair of treatment vessels on March 9, 2005 and again on August 1, 2005. Perchlorate breakthrough was detected after the first pair of GAC vessels and has not been detected after the second pair of GAC vessels. RDX has not been detected in any mid-fluent samples. Perchlorate and RDX have not been detected in samples collected from the effluent. As of October 14, 2005, approximately 55 million gallons of water have been treated and re-injected at the Pew Road ETR System.

The Frank Perkins Road ETR continues operation at a flow rate of 220 gpm. Perchlorate, RDX, and octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) have been detected in influent samples. Perchlorate was detected in mid-fluent samples collected after the first pair of GAC vessels in each of the three treatment containers. The GAC vessels are followed by ion exchange (IX) vessels, which are designed for treatment of perchlorate. Perchlorate and RDX have not been detected in mid-fluent samples collected after the IX vessels or in effluent samples. As of October 14, 2005, approximately 118 million gallons of water had been treated and re-injected at the Frank Perkins Road ETR System.

Demo Area 1 Soil RRA

The Demo Area 1 Soil RRA consisted of the removal of all geophysical anomalies within the perimeter road (7.4 acres) and the removal and thermal treatment of contaminated soil from in and around the Demo 1 kettle hole. A total of 16,641 cubic yards of soil was excavated at Demo Area 1, with an additional 195 cubic yards excavated at Demo Area 1 burn pits.

Backfilling at Demo Area 1 commenced during early October. Restoration of the Demo Area 1 screening area was completed.

J-2 Range Soil RRA

The J-2 Range Soil RRA consists of the removal and treatment of soil in six general areas within the J-2 Range that contain explosives and perchlorate. Soil removal locations include Twin Berms Area, Berm 2, Berm 5, Fixed Firing Points 3 and 4 (FFP-3 and 4) and adjacent Range Road Burn Area (RRBA), Disposal Area 1, and Disposal Area 2. A total of 6,500 cubic yards of soil was excavated and treated at the Thermal Treatment Unit. Table 1 showing a grid summary of the excavations and munitions recovered will be included in the October Monthly Progress Report.

Site work was not conducted for the J-2 Range soil RRA during the reporting period of October 1 to 14, 2005.

J-3 Range Soil RRA

The J-3 Range Soil RRA consists of the removal and treatment of contaminated soil from the Demolition Area and Melt/Pour Building Area. A total of 1,085 cubic yards of soil was excavated from the Demolition Area. A total of 1,146 cubic yards of soil was excavated from the Melt/Pour Building Area. Soil has been treated in the Thermal Treatment Unit or containerized for off-site disposal.

Site work was not conducted for the J-3 Range soil RRA during the reporting period of October 1 to 14, 2005.

2. SUMMARY OF ACTIONS TAKEN

Drilling progress as of October 14, 2005 is summarized in Table 2.

| Boring Number | Purpose of Boring/Well | Total Depth (ft bgs) | Depth to Water Table (ft bgs) | Completed Well Screens (ft bgs) |
|----------------------|-------------------------------|-----------------------------|--------------------------------------|--|
| MW-392 | J-3 Range (J3P-40) | 327 | 101 | |
| MW-399 | J-2 Range (J2P-58/E12) | 324 | 98 | |
| MW-400 | J-1 Range (J1P-35) | 305 | 68 | 140-150; 195-205 |
| MW-401 | J-1 Range (J1P-29) | 310 | 129 | |
| MW-403 | J-1 Range (J1P-34) | 275 | 78 | |
| MW-404 | Demo 2 (D2P-8) | 10 | | |

ft bgs = feet below ground surface

Completed well installation at MW-400 (J1P-35), completed drilling at MW-399 (J2P-58/E12), and commenced drilling at MW-401 (J1P-29), MW-403 (J1P-34) and MW-404 (D2P-8). Well development of recently installed wells continued.

Samples collected during the reporting period are summarized in Table 3. Groundwater profile samples were collected from MW-399, MW-400, MW-401 and MW-403. Groundwater samples were collected from recently installed wells and as part of the August round and October Quarterly round of the 2005 Long-Term Groundwater Monitoring (LTGM) Plan. Surface water samples were collected near a public beach, a private beach, and near the spit at Snake Pond.

Anomaly investigation commenced in Grids J-36, J-37 and K-41 as part of the J-1 Range Supplemental Geophysical Anomaly Investigation. EM-61 surveys were completed for Grids H-0, I-0 and J-0. Table 4 showing a grid sheet summary for excavations and munitions recovered

for the J-1 Range Geophysical Investigation will be included in the October Monthly Progress Report.

There have been no munitions and explosives of concern (MEC) items destroyed in the controlled detonation chamber (CDC) during early October.

The following are the notes from the October 13, 2005 Technical Team meeting of the Impact Area Groundwater Study Program office at Camp Edwards:

Southeast Ranges Update – J-1 Investigation Status

- Dave Hill (IAGWSP) and Jay Ehret (USACE) provided an update on the J-1 South groundwater investigations. Drilling at J1P-35 (MW-400) has been completed. Profile data was non-detect. Installation of the well will proceed. J1P-33 has been developed and will be sampled by Friday (10/14/05). A one week turnaround will be requested for explosives analysis.
- Darrin Smith (USACE) provided an update on the J-1 supplemental geophysical investigation status. Work is currently proceeding at the J-36 and J-37 grids, where a burn pit was encountered. Results of the EM-61 survey in grids H-0, I-0, and J-0 are expected to be available next week (week of 10/17/05). Jane Dolan (EPA) asked how the previously mapped Tetra Tech anomalies will be handled. Mr. Smith indicated that these will be addressed after the completion of any geophysical investigations in grids H-0, I-0, and J-0. EPA asked for clarification on apparent inconsistencies between the grid summary table presented in the September monthly progress report and that in the latest field work update (for week ending 10/7/05).
- Two wells (J1P-29 and J1P-30) remain to be drilled at J-1 North. Difficulties were encountered with J1P-29, when rock and silt plugged drill rods. The rods were pulled, and the barber drill rig is scheduled to proceed to Demo Area 2 to install D2P-8 and D2P-9 before returning to the J-1 Range. The sonic rig will be used at J1P-30 to attain stratigraphy data. All approvals are in place for this location.
- IAGWSP discussed the status of town approvals for proposed Snake Pond sample locations. The Corps real estate office is communicating with town officials to gain approval for well installations in the Snake Pond conservation area. This issue may be resolved soon. If not, possible changes to locations outside the conservation area will be considered.
- Ms. Dolan asked for information on the origin of the sample identified as the pump well in the September monthly report.

Southeast Ranges Update – Peters Pond Investigation Status

- EPA laboratory results for Peters Pond residential samples are complete and a comprehensive report will be provided soon. The data is consistent with previous results.

Southeast Ranges Update – Other OUs

- EPA identified several follow-up items which are pending, including: 1) sampling schedule for recently installed Southeast Range wells (ref. e-mail dated 9/21/05), 2) particle backtrack information for J-3 wells (ref. e-mail dated 9/12/05), 3) information on soil excavated from the J-2 Range Rapid Response Action (RRA) cited in the July monthly progress report (ref. tech meeting notes from 9/29/05), 4) written responses to comments on the J-3 RRA, 5) schedule

for additional investigations at the J-3 Range, 6) air photo feature evaluation information performed by ESRI for the Wide Area Source Assessment (WASA) Work Plan for areas other than groundwater area study 1 (which has already been provided), and 7) long term groundwater monitoring schedule for operable units.

- Discussion regarding EPA comments on the J-3 Range RRA Completion of Work Report (COWR) ensued. Mr. Hill noted that there appears to be three remaining comments on the report which require text modification for completion of the COWR: 1) estimated volume of soil removed and backfilled during MEC clearance, 2) clarification of the significance of broken glass discovery, and 3) notation of the variance from the work plan (of September 2003) for the RDX detection in the burn pit which was subsequently been backfilled. It was agreed that responses to these and other EPA comments will be provided. For comments which will not be incorporated into the document, the Army will identify the rationale for disagreement and document the responses in the memorandum of resolution (MOR).
- Mr. Hill summarized that southeast range documents are on schedule, except for extension request for the L Range Soil Remedial Investigation Report.

Miscellaneous

- Lynne Jennings (EPA) stated that EPA has granted approval to begin backfilling at Demo Area 1 based on the data package submitted. A comment letter is forthcoming.
- The Demo Area 1 groundwater remedy selection plan has been received by EPA. The Army stated that the goal is to have the decision document finalized by October 23, 2005.
- Ms. Jennings stated that the CIA Post Screening Investigation Work Plan and the Treatability Study Work Plan are in review. EPA comments including suggestions for evaluation alternatives will be provided soon. DEP also has comments on these documents, which will be provided the week of October 17, 2005.
- EPA has significant comments on the Wide Area Source Assessment (WASA) Work Plan, primarily relating to the approach used for prioritizing sites. EPA suggests less emphasis on characterization as potential disposal areas (e.g., based on vehicle access), and more emphasis on groundwater data (including installation of additional wells in insufficiently characterized areas). EPA suggests re-grouping to discuss these issues. DEP also has comments on this document, which will be provided the week of October 17, 2005.
- Ben Gregson (IAGWSP) discussed an inquiry, originated by the Shaw Group, requesting approval to remove soil at the High Use Target Area for field and laboratory pilot tests to evaluate an organic-based absorption material, designed to prevent contaminants from entering the soil on training ranges.
- EPA asked about the status of response to comments on the Heath and Ecological Risk Assessment (HERA) Work Plan. Mr. Gregson stated that the response to comments letter (RCL) is underway. In the meantime, remedial investigation (RI) reports are being prepared using a hybrid of EPA and DEP guidance documents, and regulatory comments received thus far. A detailed explanation of the approach is described in the RI reports.
- Mr. Gregson asked about the documentation needed for attainment of no further action (NFA) classification for operable units (OUs). Ms. Jennings stated that complete OU closure is attained when both soil and groundwater components are addressed. If there is no

groundwater contamination component, site closure can be attained with the submittal and approval of the soil completion of work report (COWR). EPA cautioned that, prior to site closure, the level of investigation should be considered, to ensure that it is sufficiently comprehensive for areas that do not proceed to the remediation phase.

3. SUMMARY OF DATA RECEIVED

Table 5 summarizes the detections that exceeded an EPA Maximum Contaminant Level (MCL) or Health Advisory (HA) for drinking water for explosives, or exceeded a 4 ppb concentration for perchlorate received for the period of September 23 through October 14, 2005.

Table 6 summarizes first-time validated detections of explosives below the MCL/HA for drinking water or of perchlorate below a 4 ppb concentration received from September 23 through October 14, 2005.

First time validated detections of explosives and perchlorate in groundwater compared to the MCL/HAs are summarized below:

Explosives in Groundwater Compared to MCL/HAs

For validated data received from September 23 through October 14, 2005, no wells had first-time validated detections of explosives above the MCL/HAs. Two wells, MW-380M2 (Demo 2) and MW-388M2 (J-2 Range), had first-time validated detections of RDX below the HA of 2 ppb. One well, MW-383M2 (J-3 Range), had a first-time validated detection of 2-amino-4,6-dinitrotoluene (2A-DNT), one well, MW-388M1 (J-2 Range), had a first-time validated detection of 2-nitrotoluene, and two wells, MW-383M2 (J-3 Range) and MW-85M1 (Impact Area), had first time validated detections of 4-amino-2,6-dinitrotoluene (4A-DNT). MCL/HAs have not been established for 2A-DNT, 4A-DNT and 2-nitrotoluene.

Perchlorate in Groundwater Compared to MCL/HAs

For validated data received from September 23 through October 14, 2005, no wells had first-time validated detections of perchlorate above the concentration of 4 ppb. One well, MW-388M2 (J-2 Range), had a detection of perchlorate below the concentration of 4 ppb.

Rush data received from October 1 through October 14, 2005 are summarized in Table 7. These data are for analyses that are performed on a fast turn around time, typically 1-10 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 7 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 7. 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 7, 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 7 includes detections from the following areas:

Demo Area 1

- Groundwater samples from MW-258M1, M2 and M3 had detections of perchlorate. The results were similar to previous sampling rounds.
- Process water samples collected from the Frank Perkins Road ETR system influent (FPR-INF) and mid-fluent (FPR-MID-1) had detections of perchlorate. Process water samples collected from the influent (FPR-INF) also had detections of RDX and HMX, which were confirmed by PDA spectra.
- Process water samples collected from the Pew Road ETR system influent (PR-INF) and mid-fluent (PR-MID-1) had detections of perchlorate. A process water sample collected from the influent (PR-INF) also had a detection of RDX, which was confirmed by PDA spectra.

J-1 Range

- Profile samples from MW-400 (J1P-35) were non-detect for explosives and perchlorate in all sampled intervals. Well screens will be set at the depth (72 to 82 ft bwt) corresponding to the silt-fine sand lithology where modeling indicates contamination seen at the base boundary would migrate in this area and at the depth (127 to 137 ft bwt) corresponding to the depth of the deep screen at MW-355. A piezometer will be set at the water table for synoptic measurement.

J-2 Range

- Profile samples from MW-399 (J2P-58/12E) had detections of explosives and VOCs. Of the explosives detections, RDX was confirmed by PDA spectra in two intervals at 142 and 152 ft bwt, but with interference in the deeper interval, 4A-DNT was confirmed by PDA spectra in two intervals at 32 ft and 52 ft bwt, but with interference in the deeper interval, and 2,6-DNT was confirmed by PDA spectra, but with interference, in one interval at 12 ft bwt. Well screens will be set at the depth (139 to 149 ft bwt) corresponding to the shallowest RDX detection and at the depth (27 to 37 ft bwt) corresponding to the shallowest 4A-DNT detection.

4. DELIVERABLES SUBMITTED

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5. SCHEDULED ACTIONS

Scheduled actions through the end of October include complete well installation at MW-399 (J2P-58/E12), MW-401 (J1P-29), and MW-403 (J1P-34), commence well installation at MW-392 (J3P-40), complete drilling at MW-404 (D2P-8), and commence drilling MW-402 (J1P-36). Groundwater sampling of recently installed wells and as part of the August round and the October Quarterly round of the 2005 LTGM will continue. Pore water samples will be collected from lysimeters located in the Impact Area. Well development will continue for recently installed wells. Activities conducted as part of the Demo 1 groundwater RRA, the Demo 1 soil RRA, and the J-1 Range Supplemental Geophysical Anomaly Investigation will continue. A BIP of one 81mm M374 mortar is scheduled at the J-1 Range for October 20, 2005.

**TABLE 3
SAMPLING PROGRESS
INTERIM MONTHLY 10/01/2005 - 10/14/2005**

| SAMPLE_ID | GIS_LOCID | AOC | LOGDATE | SAMP_TYPE | SBD | SED | BWTS | BWTE |
|-------------|-------------|----------------|------------|-------------|--------|--------|---------|--------|
| 90MW0003-A | 90MW0003 | L RANGE; FS-12 | 10/11/2005 | GROUNDWATER | 144 | 149 | 52.11 | 57.11 |
| 90MW0003-D | 90MW0003 | L RANGE; FS-12 | 10/11/2005 | GROUNDWATER | 144 | 149 | 52.11 | 57.11 |
| 90MW0005-A | 90MW0005 | L RANGE | 10/11/2005 | GROUNDWATER | 184 | 189 | 89.03 | 94.03 |
| 90MW0104A-A | 90MW104A | J-3 RANGE | 10/13/2005 | GROUNDWATER | 138.4 | 143.4 | | |
| 90MW0104C-A | 90MW104A | J-3 RANGE | 10/13/2005 | GROUNDWATER | 84.81 | 89.81 | | |
| 90MW0105A-A | 90MW0105A,B | J-3 RANGE | 10/06/2005 | GROUNDWATER | 148.89 | 153.68 | 142.37 | 147.16 |
| 90MW0105A-D | 90MW0105A,B | J-3 RANGE | 10/06/2005 | GROUNDWATER | 148.89 | 153.68 | 142.37 | 147.16 |
| 90MW0105B-A | 90MW0105A,B | J-3 RANGE | 10/06/2005 | GROUNDWATER | 114.4 | 119.21 | 107.88 | 112.68 |
| 90PZ0201-A | 90PZ0201 | J-3 RANGE | 10/12/2005 | GROUNDWATER | 78.2 | 107.1 | 65.3 | 94.2 |
| 90PZ0201-D | 90PZ0201 | J-3 RANGE | 10/12/2005 | GROUNDWATER | 78.2 | 107.1 | 65.3 | 94.2 |
| 90PZ0204-A | 90PZ0204 | J-3 RANGE | 10/12/2005 | GROUNDWATER | 80 | 85 | 72.1 | 77.1 |
| 90PZ0208-A | 90PZ0208 | J-3 RANGE | 10/12/2005 | GROUNDWATER | 90 | 95 | 72.8 | 77.8 |
| MW-356M1- | MW-356 | J-3 RANGE | 10/14/2005 | GROUNDWATER | 185 | 195 | 82.4 | 92.4 |
| MW-356M2- | MW-356 | J-3 RANGE | 10/14/2005 | GROUNDWATER | 140 | 150 | 37.4 | 47.4 |
| MW-356S- | MW-356 | J-3 RANGE | 10/14/2005 | GROUNDWATER | 105 | 115 | 2.40000 | 12.4 |
| MW-356S-FD | MW-356 | J-3 RANGE | 10/14/2005 | GROUNDWATER | 105 | 115 | 2.40000 | 12.4 |
| MW-357M1- | MW-357 | J-2 RANGE | 10/14/2005 | GROUNDWATER | 274.51 | 284.51 | 173.51 | 183.51 |
| MW-357M2- | MW-357 | J-2 RANGE | 10/14/2005 | GROUNDWATER | 184.08 | 194.08 | 83.08 | 93.08 |
| W02-03M1A | 02-03 | WESTERN BOU | 10/13/2005 | GROUNDWATER | 130 | 140 | 86.1 | 96.1 |
| W02-03M1D | 02-03 | WESTERN BOU | 10/13/2005 | GROUNDWATER | 130 | 140 | 86.1 | 96.1 |
| W02-03M2A | 02-03 | WESTERN BOU | 10/13/2005 | GROUNDWATER | 92 | 102 | 48.15 | 58.15 |
| W02-03M3A | 02-03 | WESTERN BOU | 10/13/2005 | GROUNDWATER | 75 | 85 | 31.05 | 41.05 |
| W02-05M1A | 02-05 | WESTERN BOU | 10/13/2005 | GROUNDWATER | 110 | 120 | 81.44 | 91.44 |
| W02-05M2A | 02-05 | WESTERN BOU | 10/14/2005 | GROUNDWATER | 92 | 102 | 63.41 | 73.41 |
| W02-12M1A | 02-12 | WESTERN BOU | 10/13/2005 | GROUNDWATER | 109 | 119 | 58.35 | 68.35 |
| W02-12M2A | 02-12 | WESTERN BOU | 10/13/2005 | GROUNDWATER | 94 | 104 | 43.21 | 53.21 |
| W02-12M2D | 02-12 | WESTERN BOU | 10/13/2005 | GROUNDWATER | 79 | 89 | 28.22 | 38.22 |
| W02-13M1A | 02-13 | WESTERN BOU | 10/13/2005 | GROUNDWATER | 98 | 108 | 58.33 | 68.33 |
| W02-13M2A | 02-13 | WESTERN BOU | 10/13/2005 | GROUNDWATER | 83 | 93 | 44.2 | 54.2 |
| W02-13M3A | 02-13 | WESTERN BOU | 10/13/2005 | GROUNDWATER | 68 | 78 | 28.3 | 38.3 |
| W101M1A | MW-101 | CIA | 10/03/2005 | GROUNDWATER | 158 | 168 | 27 | 37 |
| W101M1A-QA | MW-101 | CIA | 10/03/2005 | GROUNDWATER | 158 | 168 | 27 | 37 |
| W101SSA | MW-101 | CIA | 10/03/2005 | GROUNDWATER | 131 | 141 | 0 | 10 |
| W104SSA | MW-104 | CIA | 10/05/2005 | GROUNDWATER | 118 | 128 | 0 | 10 |
| W115M1A | MW-115 | CIA | 10/06/2005 | GROUNDWATER | 138 | 148 | 22 | 32 |
| W115SSA | MW-115 | CIA | 10/06/2005 | GROUNDWATER | 116 | 126 | 0 | 10 |
| W128M1A | MW-128 | J-3 RANGE | 10/14/2005 | GROUNDWATER | 144 | 154 | 57 | 67 |
| W128M2A | MW-128 | J-3 RANGE | 10/14/2005 | GROUNDWATER | 104 | 114 | 17 | 27 |

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
AOC = Area of Concern
CIA = Central Impact Area

**TABLE 3
SAMPLING PROGRESS
INTERIM MONTHLY 10/01/2005 - 10/14/2005**

| SAMPLE_ID | GIS_LOCID | AOC | LOGDATE | SAMP_TYPE | SBD | SED | BWTS | BWTE |
|------------|-----------|-----------|------------|-------------|-------|-------|-------|-------|
| W135M2A | MW-135 | CIA | 10/03/2005 | GROUNDWATER | 280 | 290 | 94 | 104 |
| W135M2D | MW-135 | CIA | 10/03/2005 | GROUNDWATER | 280 | 290 | 94 | 104 |
| W135M3A | MW-135 | CIA | 10/03/2005 | GROUNDWATER | 239 | 249 | 53 | 63 |
| W13DDA | MW-13 | J-3 RANGE | 10/14/2005 | GROUNDWATER | 220 | 225 | 145 | 150 |
| W13DDD | MW-13 | J-3 RANGE | 10/14/2005 | GROUNDWATER | 220 | 225 | 145 | 150 |
| W13SSA | MW-13 | J-3 RANGE | 10/14/2005 | GROUNDWATER | 73 | 83 | 0 | 10 |
| W149M1A | MW-149 | CIA | 10/05/2005 | GROUNDWATER | 237.5 | 247.5 | 136 | 146 |
| W149SSA | MW-149 | FORMER A | 10/05/2005 | GROUNDWATER | 105.5 | 115.5 | 4 | 14 |
| W150SSA | MW-150 | PHASE 2b | 10/06/2005 | GROUNDWATER | 92.5 | 102.5 | 1 | 11 |
| W151SSA | MW-151 | PHASE 2b | 10/05/2005 | GROUNDWATER | 55.5 | 65.5 | 0 | 10 |
| W151SSD | MW-151 | PHASE 2b | 10/05/2005 | GROUNDWATER | 55.5 | 65.5 | 0 | 10 |
| W157M2A | MW-157 | J-3 RANGE | 10/10/2005 | GROUNDWATER | 110 | 120 | 100 | 110 |
| W157M2A-QA | MW-157 | J-3 RANGE | 10/10/2005 | GROUNDWATER | 110 | 120 | 100 | 110 |
| W157M3A | MW-157 | J-3 RANGE | 10/10/2005 | GROUNDWATER | 70 | 80 | 53.94 | 63.94 |
| W157M3A-QA | MW-157 | J-3 RANGE | 10/10/2005 | GROUNDWATER | 70 | 80 | 53.94 | 63.94 |
| W15M1A | MW-15 | CIA | 10/12/2005 | GROUNDWATER | 163 | 173 | 55 | 65 |
| W168M2A | MW-168 | J-1 RANGE | 10/01/2005 | GROUNDWATER | 198 | 208 | 116 | 126 |
| W168M2A | MW-168 | J-1 RANGE | 10/14/2005 | GROUNDWATER | 198 | 208 | 116 | 126 |
| W168M3A | MW-168 | J-1 RANGE | 10/01/2005 | GROUNDWATER | 103 | 113 | 21 | 31 |
| W168M3A-QA | MW-168 | J-1 RANGE | 10/01/2005 | GROUNDWATER | 103 | 113 | 21 | 31 |
| W170M1A | MW-170 | J-2 RANGE | 10/07/2005 | GROUNDWATER | 265 | 275 | 162 | 172 |
| W170M2A | MW-170 | FORMER K | 10/07/2005 | GROUNDWATER | 198 | 208 | 95 | 105 |
| W170M3A | MW-170 | FORMER K | 10/12/2005 | GROUNDWATER | 123 | 133 | 20 | 30 |
| W170M3D | MW-170 | FORMER K | 10/12/2005 | GROUNDWATER | 123 | 133 | 20 | 30 |
| W180M1A | MW-180 | CIA | 10/06/2005 | GROUNDWATER | 300 | 310 | 139.2 | 149.2 |
| W180M2A | MW-180 | CIA | 10/06/2005 | GROUNDWATER | 195 | 205 | 34.5 | 44.5 |
| W180M3A | MW-180 | CIA | 10/06/2005 | GROUNDWATER | 171 | 181 | 10.3 | 20.3 |
| W189SSA | MW-189 | J-1 RANGE | 10/01/2005 | GROUNDWATER | 94 | 104 | 0 | 7 |
| W191SSA | MW-191 | J-1 RANGE | 10/01/2005 | GROUNDWATER | 106 | 116 | 0 | 10 |
| W191SSA-QA | MW-191 | J-1 RANGE | 10/01/2005 | GROUNDWATER | 106 | 116 | 0 | 10 |
| W206M1A | MW-206 | FORMER A | 10/05/2005 | GROUNDWATER | 178.5 | 188.5 | 19.57 | 29.57 |
| W206M1D | MW-206 | FORMER A | 10/05/2005 | GROUNDWATER | 178.5 | 188.5 | 19.57 | 29.57 |
| W206SSA | MW-206 | FORMER A | 10/05/2005 | GROUNDWATER | 156 | 166 | 0 | 7 |
| W217M1A | MW-217 | J-3 RANGE | 10/04/2005 | GROUNDWATER | 148 | 153 | 143 | 148 |
| W217M2A | MW-217 | J-3 RANGE | 10/04/2005 | GROUNDWATER | 138 | 143 | 133 | 138 |
| W217M2A-QA | MW-217 | J-3 RANGE | 10/04/2005 | GROUNDWATER | 138 | 143 | 133 | 138 |
| W217M3A | MW-217 | J-3 RANGE | 10/04/2005 | GROUNDWATER | 101 | 106 | 96 | 101 |
| W217M4A | MW-217 | J-3 RANGE | 10/05/2005 | GROUNDWATER | 68 | 73 | 63 | 68 |

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
AOC = Area of Concern
CIA = Central Impact Area

**TABLE 3
SAMPLING PROGRESS
INTERIM MONTHLY 10/01/2005 - 10/14/2005**

| SAMPLE_ID | GIS_LOCID | AOC | LOGDATE | SAMP_TYPE | SBD | SED | BWTS | BWTE |
|------------|-----------|---------------|------------|-------------|-------|--------|--------|--------|
| W217M4D | MW-217 | J-3 RANGE | 10/05/2005 | GROUNDWATER | 68 | 73 | 63 | 68 |
| W218M1A | MW-218 | J-3 RANGE | 10/05/2005 | GROUNDWATER | 128 | 133 | 123 | 128 |
| W218M1A-QA | MW-218 | J-3 RANGE | 10/05/2005 | GROUNDWATER | 128 | 133 | 123 | 128 |
| W218M2A | MW-218 | J-3 RANGE | 10/06/2005 | GROUNDWATER | 98 | 103 | 93 | 98 |
| W218M3A | MW-218 | J-3 RANGE | 10/06/2005 | GROUNDWATER | 78 | 83 | 73 | 78 |
| W218M3D | MW-218 | J-3 RANGE | 10/06/2005 | GROUNDWATER | 78 | 83 | 73 | 78 |
| W238M1A | MW-238 | L RANGE | 10/07/2005 | GROUNDWATER | 183 | 193 | 85.46 | 95.46 |
| W238M2A | MW-238 | L RANGE | 10/07/2005 | GROUNDWATER | 125 | 135 | 27.55 | 37.55 |
| W238M2D | MW-238 | L RANGE | 10/07/2005 | GROUNDWATER | 125 | 135 | 27.55 | 37.55 |
| W250M1A | MW-250 | J-3 RANGE | 10/10/2005 | GROUNDWATER | 185 | 195 | 174.65 | 184.65 |
| W250M1A-QA | MW-250 | J-3 RANGE | 10/10/2005 | GROUNDWATER | 185 | 195 | 174.65 | 184.65 |
| W250M2A | MW-250 | J-3 RANGE | 10/10/2005 | GROUNDWATER | 145 | 155 | 134.82 | 144.82 |
| W250M2A-QA | MW-250 | J-3 RANGE | 10/10/2005 | GROUNDWATER | 145 | 155 | 134.82 | 144.82 |
| W250M3A | MW-250 | J-3 RANGE | 10/10/2005 | GROUNDWATER | 95 | 105 | 84.85 | 94.85 |
| W250M3A-QA | MW-250 | J-3 RANGE | 10/10/2005 | GROUNDWATER | 95 | 105 | 84.85 | 94.85 |
| W266M2A | MW-266 | CIA/J-1 RANGE | 10/07/2005 | GROUNDWATER | 239 | 249 | 92.26 | 102.26 |
| W266M2D | MW-266 | CIA/J-1 RANGE | 10/07/2005 | GROUNDWATER | 239 | 249 | 92.26 | 102.26 |
| W267M1A | MW-267 | WESTERN BOU | 10/12/2005 | GROUNDWATER | 248 | 258 | 18.57 | 28.57 |
| W267M1A-QA | MW-267 | WESTERN BOU | 10/12/2005 | GROUNDWATER | 248 | 258 | 18.57 | 28.57 |
| W268M1A | MW-268 | WESTERN BOU | 10/12/2005 | GROUNDWATER | 97 | 107 | 47.75 | 57.75 |
| W27SSA | MW-27 | CIA | 10/05/2005 | GROUNDWATER | 117 | 127 | 0 | 10 |
| W28M1A | MW-28 | J-3 RANGE | 10/11/2005 | GROUNDWATER | 270 | 280 | 173 | 183 |
| W28M2A | MW-28 | J-3 RANGE | 10/12/2005 | GROUNDWATER | 175 | 185 | 78 | 88 |
| W28SSA | MW-28 | OTHER | 10/12/2005 | GROUNDWATER | 95.17 | 105.17 | 0 | 10 |
| W28SSD | MW-28 | OTHER | 10/12/2005 | GROUNDWATER | 95.17 | 105.17 | 0 | 10 |
| W300M1A | MW-300 | J-2 RANGE | 10/11/2005 | GROUNDWATER | 293 | 303 | 190.18 | 200.18 |
| W300M2A | MW-300 | J-2 RANGE | 10/11/2005 | GROUNDWATER | 197 | 207 | 94.38 | 104.38 |
| W300M2A-QA | MW-300 | J-2 RANGE | 10/11/2005 | GROUNDWATER | 197 | 207 | 94.38 | 104.38 |
| W300M3A | MW-300 | J-2 RANGE | 10/11/2005 | GROUNDWATER | 135 | 145 | 32.46 | 42.46 |
| W319M1A | MW-319 | J-2 RANGE | 10/12/2005 | GROUNDWATER | 200 | 210 | 107.25 | 117.25 |
| W319M2A | MW-319 | J-2 RANGE | 10/12/2005 | GROUNDWATER | 165 | 175 | 72 | 82 |
| W319SSA | MW-319 | J-2 RANGE | 10/12/2005 | GROUNDWATER | 93 | 103 | 0 | 10 |
| W328M1A | MW-328 | L RANGE | 10/14/2005 | GROUNDWATER | 160 | 170 | 60.97 | 70.97 |
| W328M1D | MW-328 | L RANGE | 10/14/2005 | GROUNDWATER | 160 | 170 | 60.97 | 70.97 |
| W328M2A | MW-328 | L RANGE | 10/14/2005 | GROUNDWATER | 105 | 115 | 5.97 | 15.97 |
| W352M3A | MW-352 | DEMO 1 | 10/04/2005 | GROUNDWATER | 43 | 53 | 25.3 | 35.3 |
| W38M1A | MW-38 | CIA | 10/14/2005 | GROUNDWATER | 217 | 227 | 99 | 109 |
| W38M2A | MW-38 | CIA | 10/14/2005 | GROUNDWATER | 187 | 197 | 69 | 79 |

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
AOC = Area of Concern
CIA = Central Impact Area

**TABLE 3
SAMPLING PROGRESS
INTERIM MONTHLY 10/01/2005 - 10/14/2005**

| SAMPLE_ID | GIS_LOCID | AOC | LOGDATE | SAMP_TYPE | SBD | SED | BWTS | BWTE |
|-------------|-----------|-------|------------|-------------|-----|-----|-------|-------|
| W54DDA | MW-54 | OTHER | 10/03/2005 | GROUNDWATER | 278 | 288 | 127 | 137 |
| W54M1A | MW-54 | OTHER | 10/03/2005 | GROUNDWATER | 230 | 240 | 79 | 89 |
| W54M2A | MW-54 | OTHER | 10/03/2005 | GROUNDWATER | 210 | 220 | 59 | 69 |
| W54M2D | MW-54 | OTHER | 10/03/2005 | GROUNDWATER | 210 | 220 | 59 | 69 |
| W54M3A | MW-54 | OTHER | 10/03/2005 | GROUNDWATER | 180 | 190 | 29 | 39 |
| MW-399-23 | MW-399 | | 10/03/2005 | PROFILE | 320 | 320 | 222 | 222 |
| MW-400-19 | MW-400 | | 10/03/2005 | PROFILE | 290 | 295 | 222.5 | 227.5 |
| MW-401-01 | MW-401 | | 10/06/2005 | PROFILE | 140 | 140 | 11.5 | 11.5 |
| MW-401-02 | MW-401 | | 10/06/2005 | PROFILE | 150 | 150 | 21.5 | 21.5 |
| MW-401-03 | MW-401 | | 10/06/2005 | PROFILE | 170 | 170 | 41.5 | 41.5 |
| MW-401-03FD | MW-401 | | 10/06/2005 | PROFILE | 170 | 170 | 41.5 | 41.5 |
| MW-401-04 | MW-401 | | 10/06/2005 | PROFILE | 180 | 180 | 51.5 | 51.5 |
| MW-401-05 | MW-401 | | 10/06/2005 | PROFILE | 190 | 190 | 61.5 | 61.5 |
| MW-401-07 | MW-401 | | 10/07/2005 | PROFILE | 200 | 200 | 71.5 | 71.5 |
| MW-401-08 | MW-401 | | 10/07/2005 | PROFILE | 210 | 210 | 81.5 | 81.5 |
| MW-401-09 | MW-401 | | 10/07/2005 | PROFILE | 220 | 220 | 91.5 | 91.5 |
| MW-401-10 | MW-401 | | 10/07/2005 | PROFILE | 230 | 230 | 101.5 | 101.5 |
| MW-401-11 | MW-401 | | 10/11/2005 | PROFILE | 240 | 240 | 111.5 | 111.5 |
| MW-401-12 | MW-401 | | 10/11/2005 | PROFILE | 250 | 250 | 121.5 | 121.5 |
| MW-401-13 | MW-401 | | 10/11/2005 | PROFILE | 260 | 260 | 131.5 | 131.5 |
| MW-401-13FD | MW-401 | | 10/11/2005 | PROFILE | 260 | 260 | 131.5 | 131.5 |
| MW-401-15 | MW-401 | | 10/12/2005 | PROFILE | 270 | 270 | 141.5 | 141.5 |
| MW-401-16 | MW-401 | | 10/12/2005 | PROFILE | 280 | 280 | 151.5 | 151.5 |
| MW-401-17 | MW-401 | | 10/12/2005 | PROFILE | 290 | 290 | 161.5 | 161.5 |
| MW-401-18 | MW-401 | | 10/12/2005 | PROFILE | 300 | 300 | 171.5 | 171.5 |
| MW-401-19 | MW-401 | | 10/12/2005 | PROFILE | 310 | 310 | 181.5 | 181.5 |
| MW-403-01 | MW-403 | | 10/07/2005 | PROFILE | 90 | 95 | 11.8 | 16.8 |
| MW-403-02 | MW-403 | | 10/07/2005 | PROFILE | 100 | 105 | 21.8 | 26.8 |
| MW-403-03 | MW-403 | | 10/07/2005 | PROFILE | 110 | 115 | 31.8 | 36.8 |
| MW-403-03FD | MW-403 | | 10/07/2005 | PROFILE | 110 | 115 | 31.8 | 36.8 |
| MW-403-04 | MW-403 | | 10/10/2005 | PROFILE | 120 | 125 | 41.8 | 46.8 |
| MW-403-05 | MW-403 | | 10/10/2005 | PROFILE | 130 | 135 | 51.8 | 56.8 |
| MW-403-06 | MW-403 | | 10/10/2005 | PROFILE | 140 | 145 | 61.8 | 66.8 |
| MW-403-07 | MW-403 | | 10/10/2005 | PROFILE | 150 | 155 | 71.8 | 76.8 |
| MW-403-08 | MW-403 | | 10/10/2005 | PROFILE | 160 | 165 | 81.8 | 86.8 |
| MW-403-09 | MW-403 | | 10/11/2005 | PROFILE | 170 | 175 | 91.8 | 96.8 |
| MW-403-10 | MW-403 | | 10/12/2005 | PROFILE | 180 | 185 | 101.8 | 106.8 |
| MW-403-11 | MW-403 | | 10/12/2005 | PROFILE | 190 | 195 | 111.8 | 116.8 |

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
AOC = Area of Concern
CIA = Central Impact Area

**TABLE 3
SAMPLING PROGRESS
INTERIM MONTHLY 10/01/2005 - 10/14/2005**

| SAMPLE_ID | GIS_LOCID | AOC | LOGDATE | SAMP_TYPE | SBD | SED | BWTS | BWTE |
|------------------|------------------|------------|----------------|------------------|------------|------------|-------------|-------------|
| MW-403-12 | MW-403 | | 10/12/2005 | PROFILE | 200 | 205 | 121.8 | 126.8 |
| MW-403-13 | MW-403 | | 10/12/2005 | PROFILE | 210 | 215 | 131.8 | 136.8 |
| MW-403-13FD | MW-403 | | 10/12/2005 | PROFILE | 210 | 215 | 131.8 | 136.8 |
| MW-403-15 | MW-403 | | 10/13/2005 | PROFILE | 220 | 225 | 141.8 | 146.8 |
| MW-403-16 | MW-403 | | 10/13/2005 | PROFILE | 230 | 235 | 151.8 | 156.8 |
| MW-403-17 | MW-403 | | 10/14/2005 | PROFILE | 270 | 275 | 191.8 | 196.8 |
| LKSNK0005AAA | LKSNK0005 | | 10/14/2005 | SURFACE WATER | 0 | 1 | | |
| LKSNK0006AAA | LKSNK0006 | | 10/14/2005 | SURFACE WATER | 0 | 1 | | |
| LKSNK0007AAA | LKSNK0007 | | 10/14/2005 | SURFACE WATER | 0 | 1 | | |

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
AOC = Area of Concern
CIA = Central Impact Area

**TABLE 5
VALIDATED DETECTS EXCEEDING MCLs OR
HEALTH ADVISORY LIMITS
INTERIM MONTHLY
DATA RECEIVED 09/23/05-10/14/05**

| WELL/LOCID | SAMPLE ID | SAMPLED | AOC | METHOD | ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|------------|-----------|------------|-----------|--------|----------------------------------|-------|------|-------|-------|-------|----------|-----------|
| MW-323 | W323M2A | 07/20/2005 | NW CORNER | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T | 8.4 | | UG/L | 46.05 | 56.05 | 2 | X |
| MW-278 | W278SSA | 07/20/2005 | NW CORNER | E314.0 | PERCHLORATE | 12.4 | | UG/L | 0 | 10 | 4 | X |
| MW-279 | W279SSA | 07/19/2005 | NW CORNER | E314.0 | PERCHLORATE | 16.3 | | UG/L | 10 | 20 | 4 | X |
| MW-279 | W279M2A | 07/19/2005 | NW CORNER | E314.0 | PERCHLORATE | 10.3 | | UG/L | 26.8 | 31.8 | 4 | X |
| MW-279 | W279M1A | 07/19/2005 | NW CORNER | E314.0 | PERCHLORATE | 4 | | UG/L | 37.4 | 47.4 | 4 | X |

BWTS = DEPTH BELOW WATER TABLE, START DEPTH, MEASURED IN FEET
 BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET
 DW LIMIT = EITHER THE MCL OR LOWEST HEALTH ADVISORY CONCENTRATION (CHILD, ADULT OR LIFETIME)
 >DW LIMIT = EQUALS OR EXCEEDS EITHER THE MCL OR LOWEST HEALTH ADVISORY CONCENTRATION (CHILD, ADULT, OR LIFETIME)
 J = ESTIMATED DETECT
 AOC = Area of Concern
 CIA = Central Impact Area

**TABLE 6
VALIDATED DETECTS BELOW MCLs OR HEALTH ADVISORY
LIMITS NOT PREVIOUSLY DETECTED
INTERIM MONTHLY
DATA RECEIVED 09/23/05-10/14/05**

| WELL/LOCID | SAMPLE ID | SAMPLED | AOC | METHOD | ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|------------|-------------|------------|-----------|--------|----------------------------------|-------|------|-------|--------|--------|----------|-----------|
| MW-383M2 | MW-383M2- | 09/06/2005 | J-3 RANGE | SW8330 | 2-AMINO-4,6-DINITROTOLUENE | 0.41 | | UG/L | 44.89 | 54.89 | | |
| MW-388M1 | MW-388M1- | 09/01/2005 | J-2 RANGE | SW8330 | 2-NITROTOLUENE | 0.42 | J | UG/L | 104.18 | 114.18 | | |
| MW-383M2 | MW-383M2- | 09/06/2005 | J-3 RANGE | SW8330 | 4-AMINO-2,6-DINITROTOLUENE | 0.44 | | UG/L | 44.89 | 54.89 | | |
| WL85M1 | W85M1A | 07/25/2005 | CIA | 8330NX | 4-AMINO-2,6-DINITROTOLUENE | 0.3 | | UG/L | 22 | 32 | | |
| WL85M1 | W85M1D | 07/25/2005 | CIA | 8330NX | 4-AMINO-2,6-DINITROTOLUENE | 0.32 | | UG/L | 22 | 32 | | |
| MW-380M2 | MW-380M2- | 08/29/2005 | DEMO 2 | SW8330 | HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T | 0.97 | | UG/L | 20.66 | 21.66 | 2 | |
| MW-380M2 | MW-380M2-FD | 08/29/2005 | DEMO 2 | SW8330 | HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T | 0.97 | | UG/L | 20.66 | 21.66 | 2 | |
| MW-388M2 | MW-388M2- | 09/01/2005 | J-2 RANGE | SW8330 | HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T | 0.35 | | UG/L | 73.75 | 83.75 | 2 | |
| MW-388M2 | MW-388M2- | 09/01/2005 | J-2 RANGE | E314.0 | PERCHLORATE | 0.91 | J | UG/L | 73.75 | 83.75 | 4 | |

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

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

DW LIMIT = EITHER THE MCL OR LOWEST HEALTH ADVISORY CONCENTRATION (CHILD, ADULT OR LIFETIME)

>DW LIMIT = EQUALS OR EXCEEDS EITHER THE MCL OR LOWEST HEALTH ADVISORY CONCENTRATION (CHILD, ADULT, OR LIFETIME)

J = ESTIMATED DETECT

AOC = Area of Concern

CIA = Central Impact Area

**TABLE 7
DETECTED COMPOUNDS-UNVALIDATED
INTERIM MONTHLY FOR 10/01/05 - 10/14/05**

| SAMPLE ID | LOCID OR WELL | SAMPLED | SAMP TYPE | AOC | SBD | SED | BWTS | BWTE | METHOD | ANALYTE | PDA |
|----------------|---------------|------------|---------------|--------|-----|-----|-------|-------|--------|--|------|
| W258M1A | MW-258 | 09/29/2005 | GROUNDWATER | DEMO 1 | 109 | 119 | 64.1 | 74.1 | E314.0 | PERCHLORATE | |
| W258M2A | MW-258 | 09/29/2005 | GROUNDWATER | DEMO 1 | 87 | 92 | 42.2 | 47.2 | E314.0 | PERCHLORATE | |
| W258M3A | MW-258 | 09/29/2005 | GROUNDWATER | DEMO 1 | 77 | 82 | 32.25 | 37.25 | E314.0 | PERCHLORATE | |
| FPR-INF-A-34A | FPR-INF | 09/27/2005 | PROCESS WATER | | 0 | 0 | | | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE | YES |
| FPR-INF-A-34A | FPR-INF | 09/27/2005 | PROCESS WATER | | 0 | 0 | | | 8330N | OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET | YES |
| FPR-INF-A-34A | FPR-INF | 09/27/2005 | PROCESS WATER | | 0 | 0 | | | E314.0 | PERCHLORATE | |
| FPR-MID-1A-34A | FPR-MID-1 | 09/27/2005 | PROCESS WATER | | 0 | 0 | | | E314.0 | PERCHLORATE | |
| FPR-MID-1B-34A | FPR-MID-1 | 09/27/2005 | PROCESS WATER | | 0 | 0 | | | E314.0 | PERCHLORATE | |
| FPR-MID-1C-34A | FPR-MID-1 | 09/27/2005 | PROCESS WATER | | 0 | 0 | | | E314.0 | PERCHLORATE | |
| PR-INF-35A | PR-INF | 09/29/2005 | PROCESS WATER | | 0 | 0 | | | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE | YES |
| PR-INF-35A | PR-INF | 09/29/2005 | PROCESS WATER | | 0 | 0 | | | E314.0 | PERCHLORATE | |
| PR-MID-1-35A | PR-MID-1 | 09/29/2005 | PROCESS WATER | | 0 | 0 | | | E314.0 | PERCHLORATE | |
| MW-399-01 | MW-399 | 09/28/2005 | PROFILE | | 110 | 110 | 12 | 12 | 8260B | CHLOROFORM | |
| MW-399-01 | MW-399 | 09/28/2005 | PROFILE | | 110 | 110 | 12 | 12 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| MW-399-01 | MW-399 | 09/28/2005 | PROFILE | | 110 | 110 | 12 | 12 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE | NO |
| MW-399-01 | MW-399 | 09/28/2005 | PROFILE | | 110 | 110 | 12 | 12 | 8330N | PICRIC ACID | NO |
| MW-399-01 | MW-399 | 09/28/2005 | PROFILE | | 110 | 110 | 12 | 12 | 8330N | 2,6-DINITROTOLUENE | YES+ |
| MW-399-01 | MW-399 | 09/28/2005 | PROFILE | | 110 | 110 | 12 | 12 | 8330N | 1,3-DINITROBENZENE | NO |
| MW-399-02 | MW-399 | 09/28/2005 | PROFILE | | 120 | 120 | 22 | 22 | 8260B | CHLOROFORM | |
| MW-399-02 | MW-399 | 09/28/2005 | PROFILE | | 120 | 120 | 22 | 22 | 8260B | ACETONE | |
| MW-399-03 | MW-399 | 09/28/2005 | PROFILE | | 130 | 130 | 32 | 32 | 8260B | CHLOROMETHANE | |
| MW-399-03 | MW-399 | 09/28/2005 | PROFILE | | 130 | 130 | 32 | 32 | 8260B | CHLOROFORM | |
| MW-399-03 | MW-399 | 09/28/2005 | PROFILE | | 130 | 130 | 32 | 32 | 8260B | ACETONE | |
| MW-399-03 | MW-399 | 09/28/2005 | PROFILE | | 130 | 130 | 32 | 32 | 8330N | 2,6-DINITROTOLUENE | NO |
| MW-399-03 | MW-399 | 09/28/2005 | PROFILE | | 130 | 130 | 32 | 32 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE | NO |
| MW-399-03 | MW-399 | 09/28/2005 | PROFILE | | 130 | 130 | 32 | 32 | 8330N | PICRIC ACID | NO |
| MW-399-03 | MW-399 | 09/28/2005 | PROFILE | | 130 | 130 | 32 | 32 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | YES |

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES RECEIVED 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

AOC = Area of Concern

CIA = Central Impact Area

+ = Interference in sample

**TABLE 7
DETECTED COMPOUNDS-UNVALIDATED
INTERIM MONTHLY FOR 10/01/05 - 10/14/05**

| SAMPLE ID | LOCID OR WELL | SAMPLED | SAMP TYPE | AOC | SBD | SED | BWTS | BWTE | METHOD | ANALYTE | PDA |
|-------------|---------------|------------|-----------|-----|-----|-----|------|------|--------|---|------|
| MW-399-03FD | MW-399 | 09/28/2005 | PROFILE | | 130 | 130 | 32 | 32 | 8260B | CHLOROFORM | |
| MW-399-03FD | MW-399 | 09/28/2005 | PROFILE | | 130 | 130 | 32 | 32 | 8260B | ACETONE | |
| MW-399-03FD | MW-399 | 09/28/2005 | PROFILE | | 130 | 130 | 32 | 32 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| MW-399-03FD | MW-399 | 09/28/2005 | PROFILE | | 130 | 130 | 32 | 32 | 8330N | 1,3-DINITROBENZENE | NO |
| MW-399-03FD | MW-399 | 09/28/2005 | PROFILE | | 130 | 130 | 32 | 32 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE | NO |
| MW-399-03FD | MW-399 | 09/28/2005 | PROFILE | | 130 | 130 | 32 | 32 | 8330N | 2,6-DINITROTOLUENE | NO |
| MW-399-03FD | MW-399 | 09/28/2005 | PROFILE | | 130 | 130 | 32 | 32 | 8330N | PICRIC ACID | NO |
| MW-399-03FD | MW-399 | 09/28/2005 | PROFILE | | 130 | 130 | 32 | 32 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | YES+ |
| MW-399-04 | MW-399 | 09/28/2005 | PROFILE | | 140 | 140 | 42 | 42 | 8260B | CHLOROFORM | |
| MW-399-04 | MW-399 | 09/28/2005 | PROFILE | | 140 | 140 | 42 | 42 | 8260B | CHLOROMETHANE | |
| MW-399-04 | MW-399 | 09/28/2005 | PROFILE | | 140 | 140 | 42 | 42 | 8260B | METHYL TERT-BUTYL ETHER | |
| MW-399-04 | MW-399 | 09/28/2005 | PROFILE | | 140 | 140 | 42 | 42 | 8260B | ACETONE | |
| MW-399-04 | MW-399 | 09/28/2005 | PROFILE | | 140 | 140 | 42 | 42 | 8260B | METHYL ETHYL KETONE (2-BUTANONE) | |
| MW-399-05 | MW-399 | 09/28/2005 | PROFILE | | 150 | 150 | 52 | 52 | 8260B | CHLOROMETHANE | |
| MW-399-05 | MW-399 | 09/28/2005 | PROFILE | | 150 | 150 | 52 | 52 | 8260B | CHLOROFORM | |
| MW-399-05 | MW-399 | 09/28/2005 | PROFILE | | 150 | 150 | 52 | 52 | 8260B | ACETONE | |
| MW-399-05 | MW-399 | 09/28/2005 | PROFILE | | 150 | 150 | 52 | 52 | 8260B | METHYL ETHYL KETONE (2-BUTANONE) | |
| MW-399-05 | MW-399 | 09/28/2005 | PROFILE | | 150 | 150 | 52 | 52 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| MW-399-05 | MW-399 | 09/28/2005 | PROFILE | | 150 | 150 | 52 | 52 | 8330N | 2-AMINO-4,6-DINITROTOLUENE | NO |
| MW-399-05 | MW-399 | 09/28/2005 | PROFILE | | 150 | 150 | 52 | 52 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE | NO |
| MW-399-05 | MW-399 | 09/28/2005 | PROFILE | | 150 | 150 | 52 | 52 | 8330N | 2,6-DINITROTOLUENE | NO |
| MW-399-05 | MW-399 | 09/28/2005 | PROFILE | | 150 | 150 | 52 | 52 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | YES+ |
| MW-399-05 | MW-399 | 09/28/2005 | PROFILE | | 150 | 150 | 52 | 52 | 8330N | PICRIC ACID | NO |
| MW-399-06 | MW-399 | 09/28/2005 | PROFILE | | 160 | 160 | 62 | 62 | 8260B | CHLOROFORM | |
| MW-399-06 | MW-399 | 09/28/2005 | PROFILE | | 160 | 160 | 62 | 62 | 8260B | ACETONE | |
| MW-399-06 | MW-399 | 09/28/2005 | PROFILE | | 160 | 160 | 62 | 62 | 8260B | CHLOROMETHANE | |
| MW-399-07 | MW-399 | 09/28/2005 | PROFILE | | 170 | 170 | 72 | 72 | 8260B | CHLOROMETHANE | |

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**TABLE 7
DETECTED COMPOUNDS-UNVALIDATED
INTERIM MONTHLY FOR 10/01/05 - 10/14/05**

| SAMPLE ID | LOCID OR WELL | SAMPLED | SAMP TYPE | AOC | SBD | SED | BWTS | BWTE | METHOD | ANALYTE | PDA |
|-------------|---------------|------------|-----------|-----|-----|-----|------|------|--------|---|-----|
| MW-399-07 | MW-399 | 09/28/2005 | PROFILE | | 170 | 170 | 72 | 72 | 8260B | CHLOROFORM | |
| MW-399-07 | MW-399 | 09/28/2005 | PROFILE | | 170 | 170 | 72 | 72 | 8260B | ACETONE | |
| MW-399-07 | MW-399 | 09/28/2005 | PROFILE | | 170 | 170 | 72 | 72 | 8260B | METHYL ETHYL KETONE (2-BUTANONE) | |
| MW-399-08 | MW-399 | 09/28/2005 | PROFILE | | 180 | 180 | 82 | 82 | 8260B | CHLOROMETHANE | |
| MW-399-08 | MW-399 | 09/28/2005 | PROFILE | | 180 | 180 | 82 | 82 | 8260B | CHLOROFORM | |
| MW-399-08 | MW-399 | 09/28/2005 | PROFILE | | 180 | 180 | 82 | 82 | 8260B | METHYL ETHYL KETONE (2-BUTANONE) | |
| MW-399-08 | MW-399 | 09/28/2005 | PROFILE | | 180 | 180 | 82 | 82 | 8260B | ACETONE | |
| MW-399-08 | MW-399 | 09/28/2005 | PROFILE | | 180 | 180 | 82 | 82 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| MW-399-09 | MW-399 | 09/29/2005 | PROFILE | | 190 | 190 | 92 | 92 | 8260B | CHLOROMETHANE | |
| MW-399-09 | MW-399 | 09/29/2005 | PROFILE | | 190 | 190 | 92 | 92 | 8260B | TRICHLOROETHENE | |
| MW-399-09 | MW-399 | 09/29/2005 | PROFILE | | 190 | 190 | 92 | 92 | 8260B | CHLOROFORM | |
| MW-399-10 | MW-399 | 09/29/2005 | PROFILE | | 200 | 200 | 102 | 102 | 8260B | CHLOROFORM | |
| MW-399-10 | MW-399 | 09/29/2005 | PROFILE | | 200 | 200 | 102 | 102 | 8260B | METHYL TERT-BUTYL ETHER | |
| MW-399-11 | MW-399 | 09/29/2005 | PROFILE | | 210 | 210 | 112 | 112 | 8260B | CHLOROFORM | |
| MW-399-11 | MW-399 | 09/29/2005 | PROFILE | | 210 | 210 | 112 | 112 | 8260B | METHYL TERT-BUTYL ETHER | |
| MW-399-11 | MW-399 | 09/29/2005 | PROFILE | | 210 | 210 | 112 | 112 | 8330N | PICRIC ACID | |
| MW-399-11 | MW-399 | 09/29/2005 | PROFILE | | 210 | 210 | 112 | 112 | 8330N | 2,4-DINITROTOLUENE | |
| MW-399-12 | MW-399 | 09/29/2005 | PROFILE | | 220 | 220 | 122 | 122 | 8260B | METHYL TERT-BUTYL ETHER | |
| MW-399-12 | MW-399 | 09/29/2005 | PROFILE | | 220 | 220 | 122 | 122 | 8260B | CHLOROFORM | |
| MW-399-13 | MW-399 | 09/29/2005 | PROFILE | | 230 | 230 | 132 | 132 | 8260B | CHLOROFORM | |
| MW-399-13 | MW-399 | 09/29/2005 | PROFILE | | 230 | 230 | 132 | 132 | 8260B | CHLOROMETHANE | |
| MW-399-14 | MW-399 | 09/29/2005 | PROFILE | | 240 | 240 | 142 | 142 | 8260B | CHLOROFORM | |
| MW-399-14 | MW-399 | 09/29/2005 | PROFILE | | 240 | 240 | 142 | 142 | 8260B | METHYL TERT-BUTYL ETHER | |
| MW-399-14 | MW-399 | 09/29/2005 | PROFILE | | 240 | 240 | 142 | 142 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE | YES |
| MW-399-14FD | MW-399 | 09/29/2005 | PROFILE | | 240 | 240 | 142 | 142 | 8260B | CHLOROFORM | |
| MW-399-14FD | MW-399 | 09/29/2005 | PROFILE | | 240 | 240 | 142 | 142 | 8260B | METHYL TERT-BUTYL ETHER | |
| MW-399-14FD | MW-399 | 09/29/2005 | PROFILE | | 240 | 240 | 142 | 142 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE | YES |

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DETECTED COMPOUNDS-UNVALIDATED
INTERIM MONTHLY FOR 10/01/05 - 10/14/05**

| SAMPLE ID | LOCID OR WELL | SAMPLED | SAMP TYPE | AOC | SBD | SED | BWTS | BWTE | METHOD | ANALYTE | PDA |
|-----------|---------------|------------|-----------|-----|-----|-----|------|------|--------|---|------|
| MW-399-15 | MW-399 | 09/29/2005 | PROFILE | | 250 | 250 | 152 | 152 | 8260B | CHLOROFORM | |
| MW-399-15 | MW-399 | 09/29/2005 | PROFILE | | 250 | 250 | 152 | 152 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE | YES+ |
| MW-399-16 | MW-399 | 09/29/2005 | PROFILE | | 260 | 260 | 162 | 162 | 8260B | METHYLENE CHLORIDE | |
| MW-399-16 | MW-399 | 09/29/2005 | PROFILE | | 260 | 260 | 162 | 162 | 8260B | CHLOROFORM | |
| MW-399-16 | MW-399 | 09/29/2005 | PROFILE | | 260 | 260 | 162 | 162 | 8330N | PICRIC ACID | NO |
| MW-399-16 | MW-399 | 09/29/2005 | PROFILE | | 260 | 260 | 162 | 162 | 8330N | 2,4-DINITROTOLUENE | NO |
| MW-399-16 | MW-399 | 09/29/2005 | PROFILE | | 260 | 260 | 162 | 162 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE | NO |
| MW-399-17 | MW-399 | 09/30/2005 | PROFILE | | 270 | 270 | 172 | 172 | 8260B | CHLOROFORM | |
| MW-399-18 | MW-399 | 09/30/2005 | PROFILE | | 280 | 280 | 182 | 182 | 8260B | CHLOROFORM | |
| MW-399-18 | MW-399 | 09/30/2005 | PROFILE | | 280 | 280 | 182 | 182 | 8260B | CHLOROMETHANE | |
| MW-399-19 | MW-399 | 09/30/2005 | PROFILE | | 290 | 290 | 192 | 192 | 8260B | CHLOROFORM | |
| MW-399-19 | MW-399 | 09/30/2005 | PROFILE | | 290 | 290 | 192 | 192 | 8260B | CHLOROMETHANE | |
| MW-399-20 | MW-399 | 09/30/2005 | PROFILE | | 300 | 300 | 202 | 202 | 8260B | CHLOROFORM | |
| MW-399-21 | MW-399 | 09/30/2005 | PROFILE | | 310 | 310 | 212 | 212 | 8260B | CHLOROFORM | |
| MW-399-21 | MW-399 | 09/30/2005 | PROFILE | | 310 | 310 | 212 | 212 | 8330N | 4-NITROTOLUENE | NO |
| MW-399-23 | MW-399 | 10/03/2005 | PROFILE | | 320 | 320 | 222 | 222 | 8260B | CHLOROFORM | |
| MW-399-23 | MW-399 | 10/03/2005 | PROFILE | | 320 | 320 | 222 | 222 | 8330N | 4-NITROTOLUENE | NO |

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