INTERIM MONTH REPORT
FOR MAY 1 – MAY 14, 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 May 1 through May 14, 2004.

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 May 14, 2004. 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 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. An extraction, treatment, and recharge system at Frank Perkins and Pew Road has been designed and includes a single extraction well, an ex-situ treatment process to remove explosives and perchlorate from the groundwater, and paired injection wells to return treated water to the aquifer.

Development of extraction and injection wells for the Groundwater RRA is ongoing. Installation of subsurface piping and well vaults for the RRA Extraction, Treatment and Recharge System is substantially complete. The electrical conduit and grounding rod installation will be completed at the Pew Road Treatment System. The service cabinet for the electrical system will also be set this week at Pew Road Treatment System. Soil screening and grading will be completed at the Frank Perkins Road Treatment System. The groundwater treatment containers are currently under construction at an off-site facility.

Demo Area 1 Soil RRA

The Demo Area 1 Soil RRA consists 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. The total amount of soil to be removed and treated is approximately 15,000 cubic yards to a maximum depth of 8 feet.

As part of the Soil RRA, excavation of contaminated soil within the Demo 1 depression continues. Approximately 5,800 tons of contaminated soil has been processed as part of preliminary soil treatment activities. Further soil treatment has been delayed while Burn Pit excavation is being conducted. Anomaly removal within the Demo 1 depression continues.

Demo Area 2 Soil RRA

The Demo Area 2 Soil RRA consists of the removal and treatment or disposal of contaminated soil that is a potential source of groundwater contamination. Soil will be removed from a man-made berm and a 30-foot area at the center of the Demo 2 site with the total soil removal approximated at 825 tons. Soil will be treated in the Thermal Desorption Unit.

There was no activity during the past two weeks as part of the Demo Area 2 Soil RRA.

J-2 Range Soil RRA

The J-2 Range Soil RRA consists of the removal and treatment of soil in five areas within the J-2 Range with the highest concentration of contaminants. Soil will be removed from the Twin Berms Area, Berm 2, FFP-4, Disposal Area 1, and Disposal Area 2, with total removal approximated at 19,039 square feet and 1,186 cubic yards to a maximum depth of 2.5 feet. Soil will be treated in the Thermal Desorption Unit.

UXO and anomaly removal and J-2 Range polygon residue sorting continues in preparation of soil excavation and other RRA activities. UXO clearance was completed in the following areas: Fixed Firing Points 3 and 4; the Twin Berms; the Range Road Burn Area; Disposal Area 1; Berm 2; and Berm 5.

J-3 Range Soil RRA

The J-3 Range Soil RRA consists of the removal and treatment of contaminated soil from three areas within the J-3 Range Demolition Area. Soil will be removed from the Detonation Pit, the Burn Box, and the area north of Target 2, with total soil removal approximated at 4,615 square feet and 461 cubic yards of soil to a maximum depth of 3 feet. Soil will be treated in the Thermal Desorption Unit.

UXO and anomaly removal at the melt/pour facility continues in preparation of soil excavation and other RRA activities.

2. SUMMARY OF ACTIONS TAKEN

Drilling progress as of May 14, 2004 is summarized in Table 1.

Table 1. Drilling progress as of May 14, 2004

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Depth to Water Table (ft bgs)	Completed Well Screens (ft bgs)
MW-242a	J-3 Range	290	89	124-134
MW-313	J-2 Range (J2P-34)	337	215	194-204; 215-225; 255-265
MW-326	J-1 Range (J1P-24)	319	121	
MW-328	L Range (LP-10)	300	100	105-115; 160-170
MW-330	J-2 Range (J2P-37)	333	129	
MW-331	J-2 Range (J2P-40)	250	114	

bgs = below ground surface

Completed well installation at MW-242a, MW-313 (J2P-34), and MW-328 (LP-10); commenced well installation at MW-330 (J2P-37); completed drilling at MW-326 (J1P-24); and commenced drilling at MW-331 (J2P-40). Well development continued for recently installed wells.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-326, MW-330, and MW-331. Groundwater samples were collected from Bourne water supply and monitoring wells, Sandwich supply wells, residential

wells, recently installed wells, Base Co-op sentry wells, Northwest Corner monthly monitoring wells, and as part of the April round of the Draft 2003 Long-Term Groundwater Monitoring Program. Investigation-derived waste (IDW) samples were collected from the Granular Activated Carbon (GAC) treatment system. Samples of well development water were collected from IW-271 and EW-274. Pore water samples were collected from lysimeters at Targets 23 and 42 in the Impact Area. Soil samples were collected from a transect at Target 23 in the Impact Area, and from grids at Demo Area 1, and Targets 23 and 42 in the Impact Area. Pre- and post-detonation samples were collected from the J-1 Range.

The following are the notes from the May 13, 2004 Technical Team meeting of the Impact Area Groundwater Study Program office at Camp Edwards:

Participants

Hap Gonser (IAGWSP)	Ben Gregson (IAGWSP)	Bill Gallagher (IAGWSP)
Dave Hill (IAGWSP)	Paul Nixon (IAGWSP)	Pam Richardson (IAGWSP)
Karen Wilson (IAGWSP)	Desiree Moyer (EPA)	Meghan Cassidy (EPA)
Jane Dolan (EPA)	Bob Lim (EPA)	Jim Murphy (EPA)
Mark Panni (MADEP)	Gina Kaso (ACE)	Frank Fedele (ACE)
Ed Wise (ACE)	Katarzyna Chelkowska (ACE)	Dave Margolis (ACE)
Don Wood (ACE)	Tom Davidson (ACE)	Scott Michalak (ACE-phone)
Darrin Smith (ACE)	Jay Ehret (ACE)	Kevin Hood (UConn)
Marc Grant (AMEC)	Ben Rice (AMEC-phone)	Paul Hunt (ECC-phone)
Mike Goydas (Jacobs)		

Punchlist Items

#1 Provide update on access agreement with Regional Tech School (IAGWSP). School was to provide written follow-up to their verbal denial of access. Bill Gallagher (IAGWSP) spoke to a representative of the school, and it seems unlikely they will provide a written response. The representative mentioned that the school is planning to restart their irrigation well. Desiree Moyer (EPA) asked that the irrigation well be sampled for perchlorate. Mr. Gallagher indicated IAGWSP would send a written request for sampling to the school.

#2 Provide update on access agreement with Schooner Pass Condominium Assoc (ACE). The Association was to meet on 5/11/04 and vote on accepting the IAGWSP offer. Gina Kaso (ACE) has left a message for the Association representative, asking for an update.

#5 Provide description of Demo 1 burn pit actions (ACE). Daily reports on the Demo 1 burn pits are being provided to the Agencies. Meghan Cassidy (EPA) asked that she be added to the report distribution. Jane Dolan (EPA) asked that similar reporting be instituted for J-2 Range when work begins there.

#6 Provide list of existing wells east of J-2 plume (IAGWSP). Pam Richardson (IAGWSP) indicated that the list is still being compiled. Also, IAGWSP is preparing a draft letter to homeowners in the area asking for information on wells (see J-2 Range Groundwater Investigation below).

#7 Provide assessment of unfinished UXO road clearance (ACE). Frank Fedele (ACE) indicated that UXO clearance continues on the J-1 Range Road and the Cut-Across Road between J-1 and J-3 Ranges.

Fieldwork Update

Frank Fedele (ACE) provided an update on the IAGWSP fieldwork.

- As part of AMEC's investigation, UXO clearance is underway at the NWP-17 drilling location. Installation of MW-328 (LP-10) was completed on 5/3/04. Well development was completed at IW-271 (IW-D1-1) and MW-317 (CBP-9), and continues for EW-274 (EW-D1-1) and MW-328.

- Groundwater sampling at Western Boundary, LTM, residential, and new wells continues.
- Central Impact Area: Soil sampling and lysimeter installation for the Central Impact Area Focused Investigation continues. Well pad restoration was completed on 5/7/04.
- Demo 1 Groundwater ETR: Electrical work continues for the Extraction, Treatment, and Reinjection systems at both Frank Perkins and Pew Roads. The ITE study at the Demo 1 Pew Road ETR location (EW-275) continues.
- SE Ranges. As part of ECC's investigation, well installation was completed for MW-242a, MW-313 (J2P-34), MW-327 (J2P-38), and MW-330 (J2P-37). Drilling was completed at MW-326 (J1P-24), and continues today from 130 feet bgs at MW-331 (J2P-40). Well development was completed at MW-325 (LP-13) and MW-242a. Well development commenced at MW-321 (J2P-24). Sampling of new wells continues.
- In support of the J-3 Range Soil RRA, UXO clearance and vegetation removal continues in the construction support areas at the Melt Pour Area. UXO clearance in the excavation areas remains to be performed.
- As part of the J-2 Range Soil RRA, UXO clearance was completed in the following areas (including construction/excavation support areas): Fixed Firing Points 3 and 4; the Twin Berms; the Range Road Burn Area; Disposal Area 1; Berm 2; and Berm 5. Jane Dolan asked what items had been identified to date, and Frank Fedele replied that an 81mm mortar had been identified at Disposal Area 1. UXO clearance remains to be performed for Disposal Area 2 and the northern two anomalies. Sorting of scrap from J-2 Range Disposal Area 2 continued.
- UXO clearance and improvements to roads in support of field activities continued at the J-1 Range Road and the J-1 to J-3 Cut-Across Road.

Demo 1 Work Update

Frank Fedele (ACE) provided an update on the Demo 1 Soil RRA fieldwork.

- Anomaly removal was completed to a depth of 2 feet within the kettle hole, and excavation of the uppermost 1 foot within this area was completed. Crews are now working on anomaly removal for the next 1-foot excavation.
- Burn pit excavation continues, with about 90 cubic yards of soil removed from the pit in Quadrant 41. One drum of steel scrap has also been removed, and about 190 items have been removed for disposal in the CDC. Full-scale soil excavation will follow completion of the burn pit excavation. Meghan Cassidy (EPA) asked how the expected completion date for the Soil RRA work has been impacted by the burn pit work; Frank Fedele (ACE) replied that it is difficult to determine the impact since the burn pit depth has not been determined yet.

ROA Status and Drilling Schedule

Darrin Smith (ACE) distributed and reviewed the ROA status table and drilling schedule table.

- Changes in ROA status since the last meeting include the following ROA approvals: J-3 Range Polygon #46 investigation, NWP-17, and the Former A Range Trench Excavation. ROAs were submitted to Karen Wilson (IAGWSP) for J2P-26, the J-2 Gibbs Road Swath, NWP-19, and NWP-19b. The ROAs for J2P-27 and J2P-39 were submitted to SHPO/NHESP. The ROAs for J2P-19, J2P-25, J3P44, and NWP-18 are being prepared. The ROA for J3P-43 is on hold pending a discussion with the agencies. The ROA for J3P-46 has been approved by the agencies; however, Dave Hill (IAGWSP) will follow up on this approval with Todd Borci (EPA). Meghan Cassidy (EPA) and Desiree Moyer (EPA) asked for the reasons for the delays in submitting the ROAs for NWP-18 and NWP-19. Bill Gallagher (IAGWSP) indicated this would be discussed as part of the "Northwest Corner Update" topic.
- Karen Wilson (IAGWSP) indicated that NHESP has a concern with the cumulative impacts of activities, which may not be apparent from the piece-meal ROAs that are provided to them. Ms. Wilson recommended that the IAGWSP and agencies meet with NHESP to discuss the big picture in terms of areas for future investigation and possibly remediation. Meghan

Cassidy (EPA) agreed that this meeting should be arranged, and indicated Mark Begley (MADEM) had expressed similar concerns to her. Ms. Wilson indicated she would try to set up a meeting with NHESP to occur within two weeks.

- Scott Michalak (ACE) inquired whether the Demo 1 GW RRA sentinel well locations D1P-22 and D1P-23 are approved by EPA; Meghan Cassidy (EPA) replied yes they are approved.
- The current drilling schedule indicated ECC rigs were drilling at J2P-40 and J2P-34. The cable-tool rig was installing wells at J2P-37. An AMEC rig will be drilling at NWP-17 next week (not shown on the schedule).
- Frank Fedele (ACE) introduced Jay Ehret as a new field engineer for the Corps at MMR.
- Dave Margolis (ACE) introduced Tom Davidson as a new geologist for the Corps at Concord, assisting with SE Ranges groundwater issues.

Northwest Corner Update

Bill Gallagher (IAGWSP) provided an update on the Northwest Corner investigation and distributed two figures: Figure D showing existing and proposed well locations in the NW Corner, including a relocated NWP-18, and an ROA Map for NWP-18 showing details of the access road and proposed relocation.

- Mr. Gallagher summarized the drilling status. NWP-13 awaits Condo Association approval. Drilling is expected to start next week on NWP-17. The delay on the ROA for NWP-18 is because IAGWSP is attempting to relocate the well away from an area of moderate cultural sensitivity that was identified by Dr. Susan Goodfellow (E&RC) after the initial site walk. Karen Wilson (IAGWSP) noted that this would be a difficult site for NHESP approval since the original road is very overgrown. Desiree Moyer (EPA) asked that the limits of the L-3 Range be placed on the maps prior to agency approval of the new location. Mr. Gallagher was unsure of the reason for the delay on the NWP-19 ROA and will check on this. The NWP-20 location is contingent on results from NWP-19. Mr. Gallagher left a message with the homeowner for RSNW06 to request the camera survey, and is waiting for a reply.
- Mr. Gallagher indicated ROAs have been submitted for the soil sampling at GP-12, GP-14, GP-19, and L-3 Range. Also monthly monitoring of groundwater was conducted this week, and supply wells 4036011 and 4036009DC will be sampled next week.
- Mr. Gallagher indicated that discussions continue with CHPPM on using their air dispersion model that is set up for MMR (ISCT3) to model the fireworks air plume. Desiree Moyer (EPA) requested that IAGWSP check with CHPPM whether they could use the EPA model CALPUFF or would recommend its use. Meghan Cassidy (EPA) noted that the IAGWSP and agencies need to discuss what questions the modeling would be designed to answer before they would approve use of a model.
- Mr. Gallagher summarized the extent of discussions regarding IAGWSP's offer to provide water supply hookups to residents in the Foretop Road area. IAGWSP is considering two funding options: one option using AFCEE contracts and the other using the IAGWSP/ACE contracts. Several homeowners have responded in favor of the hookups, some with questions regarding billing. Mr. Gallagher will follow-up again with one resident who has not replied to the offer. Meghan Cassidy (EPA) noted that Raymond Fatz (Dept of Army) has mentioned a goal of having alternate supplies in place by 7/4/04.
- Mr. Gallagher mentioned that the RCL for EPA comments on the Data Summary was provided last week, and the RCL for DEP comments was expected early next week. The IAGWSP is willing to meet to discuss these comments and responses at the agencies' convenience.

Demo 2 Investigation Update

Paul Nixon (IAGWSP) provided an update on Demo 2 RRA and Groundwater Investigation work, and distributed two figures: an ROA map for the "Demo 2 Hummock Area" showing the extent of

the additional soil piles, and an updated Groundwater RDX Plume for Demo 2 showing proposed monitoring wells.

- The IAGWSP expects to remove about 200 cubic yards of soil from the Demo 2 Hummock Area as part of the RRA. The RRA Plan will be modified to address this area through the RCL and CRM process.
- The IAGWSP has proposed two monitoring wells flanking the RDX plume between MW-259 and MW-311. Each well is about 100 feet outside the estimated ND boundary of the plume, and the well proposed for the east flank is in the disturbed area at the Engineer Training Site. The primary purpose of these wells is to establish lateral extent of the plume, though the eastern well may also provide info on groundwater impacts from the Engineer Training Site. Bob Lim (EPA) and Meghan Cassidy (EPA) suggested that the west flank well be moved east slightly inside the ND boundary, at about the intersection of the 52-foot water table contour (MMR9) and the western particle track. Mr. Nixon will provide a revised figure showing this location with the particle tracks.

Documents and Schedules

Ed Wise (ACE) distributed the Scheduling Issues and Document Status tables.

- Mr. Wise asked EPA to provide input on the long-standing MOR approvals expected for the LTGM August 2003 and December 2003 Supplements.
- Meghan Cassidy (EPA) sent an email providing an update on the MOR approval for the Demo 1 GW RRA Plan. Ms. Cassidy also noted that there is no MOR for the Demo 1 Soil Treatment Plan, therefore this is not an Agency Action item.
- Mr. Wise noted that the CRMs in bold text are especially important, and asked that consideration be given to scheduling these soon.
- Mark Panni (DEP) indicated he will check with Len Pinaud on whether DEP will comment on the MPPEH – MDP.
- Ms. Cassidy indicated that the Thermal Treatability Study Report can be removed from the heading “Documents Needing Comments”.
- Jane Dolan (EPA) asked whether the J-2 Range Soil Management Plan will be included with the upcoming MOR. Dave Hill (IAGWSP) replied that the SMP will not be included as data needed for the plan are not yet available. Paul Nixon (IAGWSP) indicated that an updated tracking sheet for Thermal Treatment SMPs and Project Notes will be provided to the Agencies by Friday 5/14/04.

J-2 Range Groundwater Investigation

Dave Hill (IAGWSP) provided an update on the J-2 Range groundwater investigation.

- Regarding the northern plume, well screens were set Thursday 5/12/04 at J2P-37 (MW-330) located at Barlow/Gibbs roads. No RDX or perchlorate were detected, though DNT was detected.
- Regarding the Eastern Plume, perchlorate was detected at 1.01 ppb at one of the six residential wells sampled in the Peters Pond area. The other five wells were ND for perchlorate, and all six were ND for explosives. A certified letter will be sent to the homeowner at a seventh well location in this area to request sampling. The synoptic water table survey is underway and is expected to be completed in 3-4 days. The IAGWSP is completing a list of existing wells in the area, including the PA Landers irrigation well and the Town of Sandwich’s abandoned transient wells.
- Jane Dolan (EPA) requested that discussions with property owners for drilling access be expedited with a goal of reaching verbal agreements within two weeks. Dave Hill (IAGWSP) indicated that discussions are underway with the Highway Dept. to define the width of a right-of-way, and that the School Dept. will be contacted. Hap Gonser (IAGWSP) indicated that the legal process to obtain drilling access will take much longer than two weeks, but can be initiated as soon as discussions with the property owners allow. Meghan Cassidy (EPA)

asked that residents be told of the latest detection when validated and that IAGWSP get in touch with the Town and explain the urgency of drilling on any accessible location as soon as possible. Mr. Gonser indicated that a schedule for drilling in this area would be developed and provided by the next biweekly meeting. Ms. Dolan asked that the schedule be provided before then if possible. Ms. Cassidy asked that the Agencies be informed on an ongoing basis of discussions with the town for access. In reply to a question from Ms. Dolan, Pam Richardson (IAGWSP) indicated that a mailing to obtain information on any other residential wells in the area would be sent within one week. Dave Margolis (ACE) indicated that he expects validation of the recent perchlorate detect within a day, and this will be provided to the Agencies when available.

- Regarding J2P-25, Ms. Dolan clarified her expectation that there would be two wells drilled in this area, EPA's proposed location to the north and IAGWSP's proposed location to the south along Greenway Road. The wells would serve two different purposes, bounding contamination and evaluating other potential source areas. Mike Goydas (Jacobs) indicated that the well location(s) could be optimized using the synoptic data currently being collected, and recommended that final location(s) be held until the groundwater flow directions have been evaluated. Ms. Dolan asked that the IAGWSP provide a recommendation on the installation schedule and sequence for the two J2P-25 locations.
- Ms. Dolan inquired about the ROA process for the Gibbs Road Swath. Mr. Hill indicated that submittal to NHESP is expected shortly; SHPO approval is not needed for this location. Since this is the first request for a "swath", the approval process may be different. Ms. Dolan indicated that if approval is delayed, IAGWSP should identify two specific locations within the swath for approval.
- Ms. Dolan asked whether the Water Supply Cooperative had been contacted regarding packering the supply wells for sampling. Mr. Hill indicated they had been contacted and were considering the request. IAGWSP has provided the Coop with the data for MW-327, and will provide the data for MW-328.
- Ms. Dolan asked whether IAGWSP was prepared to drill J1P-23. Mr. Hill replied that they would like to discuss the location with NHESP, as this is a lower priority plume. Ms. Dolan agreed that the meeting with NHESP could occur first (see ROA Status above). A revised location will be proposed for J1P-25.
- Ms. Cassidy referenced a recent announcement by IAGWSP concerning FY05 funding for an RRA on the northern plume. Mr. Gonser indicated that general discussions regarding locations and treatment options were underway. Ms. Cassidy suggested that mass removal be considered at Wood Road, and possibly at Jefferson Road. Ms. Cassidy asked that a general discussion of RRA options be included in the upcoming meeting with NHESP (see ROA Status above), and that the Agencies be provided with this information prior to the meeting.

3. SUMMARY OF DATA RECEIVED

Table 3 summarizes validated detections of contaminants that exceeded an EPA Maximum Contaminant Level (MCL) of Health Advisory (HA) for drinking water, or exceeded a 4 ppb concentration for perchlorate received for the reporting period of April 26, 2004 through May 14, 2004. The reporting date is extended into April because this was the date for the close of data reported in the April Monthly Progress Report.

Table 4 summarizes first time validated detections below the MCL/HA for drinking water or below a 4 ppb concentration for perchlorate received from April 26, 2004 through May 14, 2004. Metals, chloroform, and BEHP are excluded from Table 4 for the following reasons: metals are a natural component of groundwater, particularly at levels below MCLs or HAs; detections of chloroform are pervasive throughout Cape Cod and are not likely the result of military training activities; and

BEHP is believed to be largely an artifact of the investigation methods and introduced to the samples during collection or analysis.

First time validated detections of explosives, metals, VOCs, SVOCs, pesticides, herbicides, and perchlorate in groundwater compared to the MCL/HAs are summarized below:

Explosives in Groundwater Compared to MCL/HAs

For validated data received from April 26, 2004 through May 14, 2004, four wells, MW-37M3, MW-203M2 (Impact Area), and MW-306M1 and M2 (J-1 Range) had first time validated detections of RDX above the HA of 2 ppb. Two wells, MW-265M3 (J-1 Range) and MW-289M1 (J-2 Range) had first time validated detections of RDX below the HA of 2 ppb. Two wells, MW-306M1 and M2 (J-1 Range) had first time validated detections of HMX below the MCL of 400 ppb. One well, MW-292M1 (J-2 Range) had a first time validated detection of 3-nitrotoluene. There is no MCL/HA for 3-nitrotoluene.

Metals in Groundwater Compared to MCL/HAs

For validated data received from April 26, 2004 through May 14, 2004, no wells had first time validated detections of metals above the MCL/HAs.

VOCs in Groundwater Compared to MCL/HAs

For validated data received from April 26, 2004 through May 14, 2004, one well, MW-303M2 (J-2 Range), had a first time validated detection of MTBE. There is no MCL/HA for MTBE.

SVOCs in Groundwater Compared to MCL/HAs

For validated data received from April 26, 2004 through May 14, 2004, no wells had first time validated detections of SVOCs above or below the MCL/HAs.

Pesticides/Herbicides in Groundwater Compared to the MCL/HAs

For validated data received from April 26, 2004 through May 14, 2004, no wells had first time validated detections of pesticides/herbicides above or below the MCL/HAs.

Perchlorate in Groundwater Compared to MCL/HAs

For validated data received from April 26, 2004 through May 14, 2004, one well, MW-303M2 (J-2 Range) had a first time validated detection of perchlorate above the concentration of 4 ppb. Six wells, MW-2M2 (Impact Area), MW-303M3, MW-306M1 (J-1 Range), MW-301S and MW-309S and M1 (Northwest Corner) had first time validated detections of perchlorate below the concentration of 4 ppb.

Rush data are summarized in Table 5. 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 5 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 5. 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 5, 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 5 includes detections from the following areas:

Western Boundary

- A groundwater sample from 97-5 had a detection of perchlorate. The result was similar to previous sampling rounds.

Northwest Corner

- Groundwater samples from MW-277S; MW-278M2; and residential well RSNW03 had detections of perchlorate. The results were similar to previous sampling rounds.

- A groundwater sample from residential well RSNW01 had a detection of perchlorate. This is the first perchlorate detection in this well since September 2003.

Impact Area

- Groundwater samples from 58MW0015 and MW-91M1 and S had detections of perchlorate. The results were similar to previous sampling rounds.

J-1 Range

- Profile samples from MW-326 (J1P-24) had detections of perchlorate, explosives, and VOCs. Perchlorate was detected in eight intervals from 49 to 119 feet below the water table. Of the explosive compounds, RDX was confirmed by PDA spectra in five intervals from 59 to 109 feet below the water table. 2,6-DNT was confirmed by PDA spectra, but with interference in one interval at 9 feet below the water table. Well screens will be set at the depth (44 to 54 ft bwt) corresponding to the shallowest perchlorate detection, at the depth (75 to 85 ft bwt) corresponding to the maximum perchlorate and RDX detections, and at the depth (129 to 139 ft bwt) corresponding to upgradient perchlorate detections at MW-303M1.

J-2 Range

- Profile samples from MW-330 (J2P-37) had detections of explosives. Of the explosive compounds, only 2,6-DNT was confirmed by PDA spectra, but with interference in one interval at 31 feet below the water table. Well screens will be set at the depth (26 to 36 ft bwt) corresponding to the 2,6-DNT detection, at the depth (109 to 119 ft bwt) corresponding to the mid-point depth of upgradient perchlorate detections from profile results from MW-327, and at the depth (184 to 194 ft bwt) corresponding to the deepest upgradient perchlorate detections from MW-327.

- A groundwater sample from residential well RS003P had a detection of perchlorate. This is the first sampling event for this well.

4. DELIVERABLES SUBMITTED

Monthly Progress Report # 85 for April 2004	05/07/2004
Draft Blow in Place Summary Report for 04/03 – 06/03	05/07/2004
Draft MMR Proof of Performance Test Report	05/13/2004

5. SCHEDULED ACTIONS

Scheduled actions through the end of May include complete well installation at MW-330 (J2P-37); commence well installation at MW-326 (J1P-24); complete drilling at MW-331 (J2P-40); and commence drilling at MW-334 (J2P-27) and MW-332 (NWP-17). Groundwater sampling of Bourne water supply and monitoring wells, residential wells, recently installed wells, and as part of the April round of the Draft 2004 Long-Term Groundwater Monitoring Plan will continue. Surface water samples will be collected from Snake Pond. Sampling of pore water from lysimeters in the Impact Area as part of the CIA Focused Investigation will also continue. Wipe sampling and Ordnance (OE) sampling will also be conducted at Targets 23 and 42 starting May 17, 2004. Supplemental BIP samples will be collected from the Former K Range, Gravity Range, J-1 Range, and the Impact Area.

TABLE 2
SAMPLING PROGRESS
INTERIM MONTHLY 05/01/2004 - 05/14/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
ECC043004J101	SSJ1RD10	05/06/2004	CRATER GRID	0	0.25		
ECC050304J101	SSJ1RD12	05/06/2004	CRATER GRID	0	0.25		
ECC050304J102	SSJ1RD13	05/06/2004	CRATER GRID	0	0.25		
ECC050304J103	SSJ1RD14	05/06/2004	CRATER GRID	0	0.25		
4036000-01G-A	4036000-01G	05/10/2004	GROUNDWATER	38	69.8	6	12
4036000-01G-A	4036000-01G	05/03/2004	GROUNDWATER	38	69.8	6	12
4036000-03G-A	4036000-03G	05/10/2004	GROUNDWATER	50	60	6	12
4036000-04G-A	4036000-04G	05/03/2004	GROUNDWATER	54.6	64.6	6	12
4036000-04G-A	4036000-04G	05/10/2004	GROUNDWATER	54.6	64.6	6	12
4036000-06G-A	4036000-06G	05/03/2004	GROUNDWATER	108	128	6	12
4036000-06G-A	4036000-06G	05/10/2004	GROUNDWATER	108	128	6	12
4261020-02G-A	4261020-02G	05/11/2004	GROUNDWATER	0	0		
4261020-03G-A	4261020-03G	05/11/2004	GROUNDWATER	0	0		
4261020-04G-A	4261020-04G	05/11/2004	GROUNDWATER	0	0		
4261020-05G-A	4261020-05G	05/11/2004	GROUNDWATER	0	0		
4261020-06G-A	4261020-06G	05/11/2004	GROUNDWATER	0	0		
4261020-09G-A	4261020-09G	05/11/2004	GROUNDWATER	0	0		
4261020-10G-A	4261020-10G	05/11/2004	GROUNDWATER	0	0		
4261020-11G-A	4261020-11G	05/11/2004	GROUNDWATER	0	0		
58MW0007B-A	58MW0007B	05/04/2004	GROUNDWATER	187.7	192.7	49	54
58MW0009E-A	58MW0009E	05/05/2004	GROUNDWATER	133.4	138.4	6.5	11.5
58MW0011E-A	58MW0011E	05/05/2004	GROUNDWATER	145	150	15.7	20.7
58MW0011E-D	58MW0011E	05/05/2004	GROUNDWATER	145	150	15.7	20.7
58MW0015A-A	58MW0015	05/06/2004	GROUNDWATER	160.68	169.9	36	45
58MW0018C-A	58MW0018	05/04/2004	GROUNDWATER	149.92	159.6	0	10
58MW0020A-A	58MW0020A	05/05/2004	GROUNDWATER	248	248	88	88
58MW0020B-A	58MW0020B	05/05/2004	GROUNDWATER	205	205	43	43
90MW0019-A	90MW0019	05/07/2004	GROUNDWATER	161	166	78	83
90MW0031-A	90MW0031	05/07/2004	GROUNDWATER	195.32	200.2	112	117
90MW0034-A	90MW0034	05/13/2004	GROUNDWATER	93.71	98.59	28.75	33.63
90MW0038-A	90MW0038	05/07/2004	GROUNDWATER	94.75	99.62	29	34
90MW0039-A	90MW0039	05/13/2004	GROUNDWATER	83.74	88.6		
90MW0071-A	90MW0071	05/13/2004	GROUNDWATER	150	155	82	87
90MW0071-D	90MW0071	05/13/2004	GROUNDWATER	150	155	82	87
90MW0102A-A	90MW0102A	05/07/2004	GROUNDWATER	112.9	117.7	108.2	113.2

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TABLE 2
SAMPLING PROGRESS
INTERIM MONTHLY 05/01/2004 - 05/14/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
90WT0004-A	90WT0004	05/11/2004	GROUNDWATER	35	45	3	13
90WT0013-A	90WT0013	05/11/2004	GROUNDWATER	92	102	0	10
97-2C-A	97-2C	05/12/2004	GROUNDWATER	132	132	68	68
97-2D-A	97-2D	05/12/2004	GROUNDWATER	115.4	115.4	82.9	82.9
97-2F-A	97-2F	05/12/2004	GROUNDWATER	120	120	76.7	76.7
C4-SSA	C4-A	05/04/2004	GROUNDWATER	200	250	66.64	116.64
C7-SSA	C7-A	05/04/2004	GROUNDWATER	199	239	40.94	80.94
MW-315M1-	MW-315M1	05/06/2004	GROUNDWATER	245	255	120	130
MW-315M2-	MW-315M2	05/07/2004	GROUNDWATER	195	205	70	80
MW-318M1-	MW-318M1	05/10/2004	GROUNDWATER	305	315	184	194
MW-318S-	MW-318S	05/10/2004	GROUNDWATER	121	131	0	10
MW-319M2-	MW-319M2	05/11/2004	GROUNDWATER	165	175	72	82
MW-319S-	MW-319S	05/11/2004	GROUNDWATER	93	103	0	10
MW-322S-	MW-322S	05/11/2004	GROUNDWATER	119	129	0	10
RS0029PNCR-A	RS0029	05/12/2004	GROUNDWATER	0	0		
RS003P-A	RS003	05/06/2004	GROUNDWATER	0	0		
RS0043FASA-A	RS0043	05/12/2004	GROUNDWATER	0	0		
RS004P-A	RS004	05/06/2004	GROUNDWATER	0	0		
RS005P-A	RS005	05/06/2004	GROUNDWATER	0	0		
RS006P-A	RS006	05/06/2004	GROUNDWATER	0	0		
RS007P-A	RS007	05/06/2004	GROUNDWATER	0	0		
RS009P-A	RS009	05/06/2004	GROUNDWATER	0	0		
RSNW01-A	RSNW01	05/12/2004	GROUNDWATER	0	0		
RSNW03-A	RSNW03	05/12/2004	GROUNDWATER	0	0		
RSNW06-A	RSNW06	05/12/2004	GROUNDWATER	0	0		
SDW263111-A	SDW263111	05/13/2004	GROUNDWATER	99	109	0	10
TW1-88A-A	1-88	05/06/2004	GROUNDWATER	102.9	102.9	67.4	67.4
TW1-88A-D	1-88	05/06/2004	GROUNDWATER	102.9	102.9	67.4	67.4
USCGANTST-A	USCGANTST	05/04/2004	GROUNDWATER	0	0		
W02-12M1A	02-13	05/14/2004	GROUNDWATER	109	119	58.35	68.35
W02-12M2A	02-13	05/14/2004	GROUNDWATER	94	104	43.21	53.21
W02-12M3A	02-13	05/14/2004	GROUNDWATER	79	89	28.22	38.22
W02-13M1A	02-13	05/10/2004	GROUNDWATER	98	108	58.33	68.33
W02-13M2A	02-13	05/10/2004	GROUNDWATER	83	93	44.2	54.2
W02-13M3A	02-13	05/10/2004	GROUNDWATER	68	78	28.3	38.3

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SAMPLING PROGRESS
INTERIM MONTHLY 05/01/2004 - 05/14/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W101M1A	MW-101	05/05/2004	GROUNDWATER	158	168	27	37
W101M1A-QA	MW-101	05/05/2004	GROUNDWATER	158	168	27	37
W101SSA	MW-101	05/05/2004	GROUNDWATER	131	141	0	10
W101SSA-QA	MW-101	05/05/2004	GROUNDWATER	131	141	0	10
W105M1A	MW-105	05/06/2004	GROUNDWATER	205	215	78	88
W105M1A-QA	MW-105	05/06/2004	GROUNDWATER	205	215	78	88
W124M1A	MW-124	05/12/2004	GROUNDWATER	234	244	98	108
W139M1A	MW-139	05/14/2004	GROUNDWATER	194	204	110	120
W139M2A	MW-139	05/14/2004	GROUNDWATER	154	164	70	80
W139M3A	MW-139	05/14/2004	GROUNDWATER	119	129	35	45
W142M1A	MW-142	05/07/2004	GROUNDWATER	225	235	185	195
W142M2A	MW-142	05/13/2004	GROUNDWATER	140	150	100	110
W142SSA	MW-142	05/13/2004	GROUNDWATER	42	52	2	12
W143M1A	MW-143	05/07/2004	GROUNDWATER	144	154	114	124
W143M2A	MW-143	05/07/2004	GROUNDWATER	117	122	87	92
W143M3A	MW-143	05/07/2004	GROUNDWATER	107	112	77	82
W143M3D	MW-143	05/07/2004	GROUNDWATER	107	112	77	82
W157DDA	MW-157	05/07/2004	GROUNDWATER	209	219	199	209
W157M1A	MW-157	05/07/2004	GROUNDWATER	154	164	144	154
W157M2A	MW-157	05/07/2004	GROUNDWATER	110	120	100	110
W163SSA	MW-163	05/11/2004	GROUNDWATER	38	48	0	10
W180M2A	MW-180	05/11/2004	GROUNDWATER	195	205	34.5	44.5
W180M3A	MW-180	05/14/2004	GROUNDWATER	171	181	10.3	20.3
W180M3D	MW-180	05/14/2004	GROUNDWATER	171	181	10.3	20.3
W201M1A	MW-201	05/03/2004	GROUNDWATER	306	316	106.9	116.9
W201M3A	MW-201	05/03/2004	GROUNDWATER	266	276	66.5	76.5
W207M1A	MW-207	05/03/2004	GROUNDWATER	254	264	100.52	110.52
W207M2A	MW-207	05/03/2004	GROUNDWATER	224	234	79.33	89.33
W207M2D	MW-207	05/03/2004	GROUNDWATER	224	234	79.33	89.33
W208M2A	MW-208	05/12/2004	GROUNDWATER	158	168	18.41	28.41
W208M2D	MW-208	05/12/2004	GROUNDWATER	158	168	18.41	28.41
W209M1A	MW-209	05/03/2004	GROUNDWATER	240	250	121	131
W209M2A	MW-209	05/03/2004	GROUNDWATER	220	230	110	120
W218M1A	MW-218	05/06/2004	GROUNDWATER	128	133	123	128
W218M1D	MW-218	05/06/2004	GROUNDWATER	128	133	123	128

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INTERIM MONTHLY 05/01/2004 - 05/14/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W218M2A	MW-218	05/06/2004	GROUNDWATER	98	103	93	98
W227M1A	MW-227	05/13/2004	GROUNDWATER	130	140	76.38	86.38
W227M1A-QA	MW-227	05/13/2004	GROUNDWATER	130	140	76.38	86.38
W227M2A	MW-227	05/13/2004	GROUNDWATER	110	120	56.38	66.38
W227M2A-QA	MW-227	05/13/2004	GROUNDWATER	110	120	56.38	66.38
W227M3A	MW-227	05/13/2004	GROUNDWATER	65	75	11.39	21.39
W227M3A-QA	MW-227	05/13/2004	GROUNDWATER	65	75	11.39	21.39
W234M1A	MW-234	05/12/2004	GROUNDWATER	130	140	25.3	35.3
W234M1D	MW-234	05/12/2004	GROUNDWATER	130	140	25.3	35.3
W247M1A	MW-247	05/13/2004	GROUNDWATER	180	190	157.72	167.72
W247M2A	MW-247	05/13/2004	GROUNDWATER	125	135	102.78	112.78
W247M3A	MW-247	05/13/2004	GROUNDWATER	95	105	72.8	82.8
W262M1A	MW-262	05/12/2004	GROUNDWATER	226	236	9.42	19.42
W262M1D	MW-262	05/12/2004	GROUNDWATER	226	236	9.42	19.42
W277M1A	MW-277	05/12/2004	GROUNDWATER	130	140	26.3	36.3
W277SSA	MW-277	05/12/2004	GROUNDWATER	102	112	0	10
W278M1A	MW-278	05/12/2004	GROUNDWATER	113	123	25.76	35.76
W278M2A	MW-278	05/12/2004	GROUNDWATER	97	102	9.79	14.79
W279M1A	MW-279	05/12/2004	GROUNDWATER	96	106	37.4	47.4
W279M2A	MW-279	05/12/2004	GROUNDWATER	83	88	26.8	31.8
W279SSA	MW-279	05/14/2004	GROUNDWATER	66	76	10	20
W298M1A	MW-298	05/14/2004	GROUNDWATER	191	201	105.11	115.11
W298M2A	MW-298	05/14/2004	GROUNDWATER	174	184	87.58	97.58
W298M2D	MW-298	05/14/2004	GROUNDWATER	174	184	87.58	97.58
W298SSA	MW-298	05/14/2004	GROUNDWATER	83	93	0	10
W317M1A	MW-31	05/14/2004	GROUNDWATER	177	187	18.74	28.74
W317M1D	MW-31	05/14/2004	GROUNDWATER	177	187	18.74	28.74
W317SSA	MW-31	05/14/2004	GROUNDWATER	157	167	0	10
W31DDA	MW-31	05/11/2004	GROUNDWATER	133	138	48	53
W31MMA	MW-31	05/11/2004	GROUNDWATER	113	123	28	38
W31SSA	MW-31	05/11/2004	GROUNDWATER	98	103	13	18
W34M1A	MW-34	05/14/2004	GROUNDWATER	151	161	73	83
W34M2A	MW-34	05/14/2004	GROUNDWATER	131	141	53	63
W34M3A	MW-34	05/14/2004	GROUNDWATER	111	121	33	43
W39M2A	MW-39	05/13/2004	GROUNDWATER	175	185	39	49

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INTERIM MONTHLY 05/01/2004 - 05/14/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W42M1A	MW-42	05/03/2004	GROUNDWATER	205	215	137	147
W42M2A	MW-42	05/03/2004	GROUNDWATER	185.8	195.8	118	128
W42M2D	MW-42	05/03/2004	GROUNDWATER	185.8	195.8	118	128
W42M3A	MW-42	05/11/2004	GROUNDWATER	165.8	175.8	98	108
W50M1A	MW-50	05/03/2004	GROUNDWATER	207	217	89	99
W50M1D	MW-50	05/03/2004	GROUNDWATER	207	217	89	99
W50M2A	MW-50	05/11/2004	GROUNDWATER	177	187	59	69
W51M1A	MW-51	05/03/2004	GROUNDWATER	234	244	88	98
W51M2A	MW-51	05/03/2004	GROUNDWATER	203	213	58	68
W65M2A	MW-65	05/10/2004	GROUNDWATER	129	134	14	19
W65SSA	MW-65	05/10/2004	GROUNDWATER	116	126	1	11
W66M2A	MW-66	05/10/2004	GROUNDWATER	140.8	150.8	22	32
W66SSA	MW-66	05/10/2004	GROUNDWATER	125.7	135.7	7	17
W83DDA	MW-83	05/11/2004	GROUNDWATER	142	152	109	119
W83M1A	MW-83	05/11/2004	GROUNDWATER	110	120	77	87
W83M2A	MW-83	05/11/2004	GROUNDWATER	85	95	52	62
W83M3A	MW-83	05/11/2004	GROUNDWATER	60	70	27	37
W83M3D	MW-83	05/11/2004	GROUNDWATER	60	70	27	37
W83SSA	MW-83	05/11/2004	GROUNDWATER	33	43	0	10
W84DDA	MW-84	05/10/2004	GROUNDWATER	190	200	153	163
W84M1A	MW-84	05/10/2004	GROUNDWATER	140	150	103	113
W84M2A	MW-84	05/10/2004	GROUNDWATER	104	114	67	77
W84M2D	MW-84	05/10/2004	GROUNDWATER	104	114	67	77
W84M3A	MW-84	05/10/2004	GROUNDWATER	79	89	42	52
W84SSA	MW-84	05/10/2004	GROUNDWATER	54	64	17	27
W86M1A	MW-86	05/03/2004	GROUNDWATER	208	218	66	76
W86M1D	MW-86	05/03/2004	GROUNDWATER	208	218	66	76
W90SSA	MW-90	05/06/2004	GROUNDWATER	118	128	0	10
W91M1A	MW-91	05/05/2004	GROUNDWATER	170	180	45	55
W91M1A-QA	MW-91	05/05/2004	GROUNDWATER	170	180	45	55
W91SSA	MW-91	05/05/2004	GROUNDWATER	124	134	0	10
W91SSA-QA	MW-91	05/05/2004	GROUNDWATER	124	134	0	10
W98M1A	MW-98	05/06/2004	GROUNDWATER	164	174	26	36
W99M1A	MW-99	05/05/2004	GROUNDWATER	195	205	60	70
W99M1A-QA	MW-99	05/05/2004	GROUNDWATER	195	205	60	70

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W99SSA	MW-99	05/05/2004	GROUNDWATER	133	143	0	10
W99SSA-QA	MW-99	05/05/2004	GROUNDWATER	133	143	0	10
DW050604-NV	GAC WATER	05/06/2004	IDW	0	0		
DW051404-NV	GAC WATER	05/14/2004	IDW	0	0		
ECCCSA03	ECCGAC	05/05/2004	IDW	0	0		
JEGACDLM01-	JEGACDLM01	05/14/2004	IDW	0	0		
JEGACDLM01-	JEGACDLM01	05/05/2004	IDW	0	0		
JEGACDLM01-	JEGACDLM01	05/03/2004	IDW	0	0		
90PLT01001	90PLT01001	05/05/2004	PROCESS WATE	0	0		
90PLT01053	90PLT01053	05/05/2004	PROCESS WATE	0	0		
EW274EFF0-A	EW-274	05/11/2004	PROCESS WATE	0	0		
EW274EFF0-A	EW-274	05/11/2004	PROCESS WATE	0	0		
EW274EFF1-A	EW-274	05/11/2004	PROCESS WATE	0	0		
EW274EFF1-A	EW-274	05/11/2004	PROCESS WATE	0	0		
EW274EFF1-D	EW-274	05/11/2004	PROCESS WATE	0	0		
EW274EFF1-D	EW-274	05/11/2004	PROCESS WATE	0	0		
EW274EFF2-A	EW-274	05/14/2004	PROCESS WATE	0	0		
EW274EFF2-A	EW-274	05/14/2004	PROCESS WATE	0	0		
EW274INF0-A	EW-274	05/11/2004	PROCESS WATE	0	0		
EW274INF0-A	EW-274	05/11/2004	PROCESS WATE	0	0		
EW274INF1-A	EW-274	05/11/2004	PROCESS WATE	0	0		
EW274INF1-A	EW-274	05/11/2004	PROCESS WATE	0	0		
EW274INF2-A	EW-274	05/14/2004	PROCESS WATE	0	0		
EW274INF2-A	EW-274	05/14/2004	PROCESS WATE	0	0		
EW274MID0-A	EW-274	05/11/2004	PROCESS WATE	0	0		
EW274MID0-A	EW-274	05/11/2004	PROCESS WATE	0	0		
EW274MID1-A	EW-274	05/11/2004	PROCESS WATE	0	0		
EW274MID1-A	EW-274	05/11/2004	PROCESS WATE	0	0		
EW274MID2-A	EW-274	05/14/2004	PROCESS WATE	0	0		
EW274MID2-A	EW-274	05/14/2004	PROCESS WATE	0	0		
IW271EFF2-A	MW-271	05/07/2004	PROCESS WATE	0	0		
IW271EFF3-A	MW-271	05/08/2004	PROCESS WATE	0	0		
IW271EFF3-D	MW-271	05/08/2004	PROCESS WATE	0	0		
IW271INF2-A	MW-271	05/07/2004	PROCESS WATE	0	0		
IW271INF3-A	MW-271	05/08/2004	PROCESS WATE	0	0		

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SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
IW271INF3-D	MW-271	05/08/2004	PROCESS WATE	0	0		
IW271MID2-A	MW-271	05/07/2004	PROCESS WATE	0	0		
IW271MID3-A	MW-271	05/08/2004	PROCESS WATE	0	0		
MW-326-01	MW-326	05/03/2004	PROFILE	130	130	9	9
MW-326-03	MW-326	05/04/2004	PROFILE	140	140	19	19
MW-326-03FD	MW-326	05/04/2004	PROFILE	140	140	19	19
MW-326-04	MW-326	05/04/2004	PROFILE	150	150	29	29
MW-326-05	MW-326	05/04/2004	PROFILE	160	160	39	39
MW-326-06	MW-326	05/04/2004	PROFILE	170	170	49	49
MW-326-07	MW-326	05/05/2004	PROFILE	180	180	59	59
MW-326-08	MW-326	05/05/2004	PROFILE	190	190	69	69
MW-326-09	MW-326	05/05/2004	PROFILE	200	200	79	79
MW-326-10	MW-326	05/05/2004	PROFILE	210	210	89	89
MW-326-11	MW-326	05/05/2004	PROFILE	220	220	99	99
MW-326-12	MW-326	05/05/2004	PROFILE	230	230	109	109
MW-326-13	MW-326	05/05/2004	PROFILE	240	240	119	119
MW-326-13FD	MW-326	05/05/2004	PROFILE	240	240	119	119
MW-326-15	MW-326	05/06/2004	PROFILE	250	250	129	129
MW-326-16	MW-326	05/06/2004	PROFILE	260	260	139	139
MW-326-17	MW-326	05/06/2004	PROFILE	270	270	149	149
MW-326-18	MW-326	05/06/2004	PROFILE	280	280	159	159
MW-326-19	MW-326	05/06/2004	PROFILE	290	290	169	169
MW-326-20	MW-326	05/06/2004	PROFILE	300	300	179	179
MW-326-21	MW-326	05/06/2004	PROFILE	310	310	189	189
MW-326-23	MW-326	05/07/2004	PROFILE	318.5	318.5	197.5	197.5
MW-330-09	MW-330	05/03/2004	PROFILE	210	210	81	81
MW-330-10	MW-330	05/03/2004	PROFILE	220	220	91	91
MW-330-11	MW-330	05/03/2004	PROFILE	230	230	101	101
MW-330-12	MW-330	05/03/2004	PROFILE	240	240	111	111
MW-330-13	MW-330	05/03/2004	PROFILE	250	250	121	121
MW-330-13FD	MW-330	05/03/2004	PROFILE	250	250	121	121
MW-330-14	MW-330	05/03/2004	PROFILE	260	260	131	131
MW-330-15	MW-330	05/03/2004	PROFILE	270	270	141	141
MW-330-17	MW-330	05/04/2004	PROFILE	280	280	151	151
MW-330-18	MW-330	05/04/2004	PROFILE	290	290	161	161

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
INTERIM MONTHLY 05/01/2004 - 05/14/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
MW-330-19	MW-330	05/04/2004	PROFILE	300	300	171	171
MW-330-21	MW-330	05/05/2004	PROFILE	310	310	181	181
MW-330-22	MW-330	05/05/2004	PROFILE	320	320	191	191
MW-330-23	MW-330	05/05/2004	PROFILE	330	330	201	201
MW-331-01	MW-331	05/12/2004	PROFILE	124	124	10	10
MW-331-02	MW-331	05/12/2004	PROFILE	130	130	16	16
MW-331-03	MW-331	05/13/2004	PROFILE	140	140	26	26
MW-331-03FD	MW-331	05/13/2004	PROFILE	140	140	26	26
MW-331-04	MW-331	05/13/2004	PROFILE	150	150	36	36
MW-331-05	MW-331	05/13/2004	PROFILE	160	160	46	46
MW-331-06	MW-331	05/13/2004	PROFILE	170	170	56	56
MW-331-07	MW-331	05/13/2004	PROFILE	180	180	66	66
MW-331-08	MW-331	05/13/2004	PROFILE	190	190	76	76
MW-331-09	MW-331	05/14/2004	PROFILE	200	200	86	86
MW-331-10	MW-331	05/14/2004	PROFILE	210	210	96	96
MW-331-11	MW-331	05/14/2004	PROFILE	220	220	106	106
MW-331-12	MW-331	05/14/2004	PROFILE	230	230	116	116
MW-331-13	MW-331	05/14/2004	PROFILE	240	240	126	126
MW-331-13FD	MW-331	05/14/2004	PROFILE	240	240	126	126
MW-331-14	MW-331	05/14/2004	PROFILE	250	250	136	136
ECC092403DM01SS	SS15099-A	05/06/2004	SOIL GRID	0	0.25		
ECC092403DM01SS	SS15099-A	05/06/2004	SOIL GRID	0	0.25		
ECC092403DM01SS	SS15099-A	05/06/2004	SOIL GRID	0	0.25		
ECC092403DM01SS	SS15099-A	05/06/2004	SOIL GRID	0	0.25		
ECC092403DM01SS	SS15099-A	05/06/2004	SOIL GRID	0	0.25		
ECC092403DM01SS	SS15099-A	05/06/2004	SOIL GRID	0	0.25		
ECC092403DM01SS	SS15099-A	05/06/2004	SOIL GRID	0	0.25		
ECC092403DM01SS	SS15099-A	05/06/2004	SOIL GRID	0	0.25		
HC115H1AAA	SS115H	05/07/2004	SOIL GRID	0	0.16		
HC115H1AAD	SS115H	05/07/2004	SOIL GRID	0	0.16		
HC115I1AAA	SS115I	05/07/2004	SOIL GRID	0	0.16		
HC115J1AAA	SS115J	05/07/2004	SOIL GRID	0	0.16		
HC115TK1AAA	SS115TK	05/04/2004	SOIL GRID	0	0.25		
HC115TL1AAA	SS115TL	05/04/2004	SOIL GRID	0	0.25		
HC125H1AAA	125H	05/07/2004	SOIL GRID	0	0.16		

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
INTERIM MONTHLY 05/01/2004 - 05/14/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
HC125I1AAA	125I	05/07/2004	SOIL GRID	0	0.16		
HC125J1AAA	125J	05/07/2004	SOIL GRID	0	0.16		
LY115AA1A	115AA	05/10/2004	SOIL MOISTURE	2.7	2.7		
LY115AA2A	115AA	05/04/2004	SOIL MOISTURE	3.7	3.7		
LY115AA3A	115AA	05/10/2004	SOIL MOISTURE	5.5	5.5		
LY115AB1A	115AB	05/05/2004	SOIL MOISTURE	2.1	2.1		
LY115AB1D	115AB	05/05/2004	SOIL MOISTURE	2.1	2.1		
LY115AB2A	115AB	05/12/2004	SOIL MOISTURE	3	3		
LY115AB3A	115AB	05/05/2004	SOIL MOISTURE	6	6		
LY115BA3A	115BA	05/10/2004	SOIL MOISTURE	4.5	4.5		
LY115BB1A	115BB	05/05/2004	SOIL MOISTURE	1.8	1.8		
LY115BB2A	115BB	05/05/2004	SOIL MOISTURE	3.5	3.5		
LY115BB3A	115BB	05/05/2004	SOIL MOISTURE	4.7	4.7		
LY115CA1A	115CA	05/10/2004	SOIL MOISTURE	2.5	2.5		
LY115CA2A	115CA	05/11/2004	SOIL MOISTURE	3	3		
LY115CA3A	115CA	05/10/2004	SOIL MOISTURE	3.7	3.7		
LY115CB1A	115CB	05/05/2004	SOIL MOISTURE	2.1	2.1		
LY115CB2A	115CB	05/05/2004	SOIL MOISTURE	3.3	3.3		
LY115CB3A	115CB	05/04/2004	SOIL MOISTURE	4.4	4.4		
LY125CB1A	125CB	05/10/2004	SOIL MOISTURE	2.1	2.1		
LY125CB2A	125CB	05/10/2004	SOIL MOISTURE	4.2	4.2		
LY125CB3A	125CB	05/10/2004	SOIL MOISTURE	6.1	6.1		
LY125CC1A	125CC	05/10/2004	SOIL MOISTURE	1.9	1.9		
LY125CC1D	125CC	05/10/2004	SOIL MOISTURE	1.9	1.9		
LY125CC2A	125CC	05/10/2004	SOIL MOISTURE	3.9	3.9		
LY125CC3A	125CC	05/10/2004	SOIL MOISTURE	5.9	5.9		
LY125DA1A	125DA	05/10/2004	SOIL MOISTURE	1.4	1.4		
LY125DA2A	125DA	05/10/2004	SOIL MOISTURE	4	4		
LY125DA3A	125DA	05/10/2004	SOIL MOISTURE	4.5	4.5		
LY125DB1A	125DB	05/10/2004	SOIL MOISTURE	2.3	2.3		
LY125DB3A	125DB	05/10/2004	SOIL MOISTURE	4.7	4.7		

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 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
INTERIM MONTHLY
DATA RECEIVED 4/23/04-5/14/04

WELL/LOCID	SAMPLE_ID	SAMPLED	METHOD	ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW_LIMIT	>DW_LIMIT
MW-203	W203M2A	02/26/2004	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRI	2		UG/L	17.5	27.5	2	X
MW-37	W37M3A	03/01/2004	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRI	2		UG/L	11	21	2	X
MW-303M2	MW-303M2-	03/30/2004	E314.0	PERCHLORATE	31		UG/L			4	X
MW-306M1	MW-306M1-	04/01/2004	SW8330	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRI	2.1		UG/L			2	X
MW-306M2	MW-306M2-	04/01/2004	SW8330	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRI	8.3		UG/L			2	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

TABLE 4
VALIDATED DETECTS BELOW MCLs OR HEALTH ADVISORY LIMITS NOT PREVIOUSLY DETECTED
INTERIM MONTHLY
DATA RECEIVED 4/23/04-5/14/04

WELL/LOCID	SAMPLE_ID	SAMPLED	METHOD	ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW_LIMIT	>DW_LIMIT
MW-303M3-	MW-303M3-	03/25/2004	E314.0	PERCHLORATE	2.2		UG/L			4	
MW-306M1-	MW-306M1-	04/01/2004	E314.0	PERCHLORATE	1.7		UG/L			4	
MW-289M1-	MW-289M1-	03/31/2004	SW8330	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRI	1.4		UG/L			2	
MW-306M2-	MW-306M2-	04/01/2004	SW8330	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,	0.74		UG/L			400	
MW-306M1-	MW-306M1-	04/01/2004	SW8330	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,	0.44		UG/L			400	
MW-292M1-	MW-292M1-	04/01/2004	SW8330	3-NITROTOLUENE	0.29		UG/L				
MW-303M2-	MW-303M2-	03/30/2004	SW8270B	METHYL TERT-BUTYL ETHER (MTBE)	0.23	J	UG/L				
WL309S	W309SSA	03/08/2004	E314.0	PERCHLORATE	0.64	J	UG/L	0	10	4	
WL301S	W301SSA	02/25/2004	E314.0	PERCHLORATE	2.75		UG/L	1.32	11.32	4	
WL309M1	W309M1A	03/08/2004	E314.0	PERCHLORATE	0.8	J	UG/L	31.91	41.91	4	
WL02M2	W02M2A	02/27/2004	E314.0	PERCHLORATE	0.38	J	UG/L	33	38	4	
WL265M3	W265M3A	03/03/2004	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRI	0.68		UG/L	72.44	82.44	2	

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

TABLE 5
DETECTED COMPOUNDS-UNVALIDATED
INTERIM MONTHLY FOR 05/01/04 - 05/14/04

SAMPLE_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
58MW0015A-A	58MW0015	05/06/2004	GROUNDWATER	160.68	169.94	36	45	E314.0	PERCHLORATE	
RS003P-A	RS003	05/06/2004	GROUNDWATER	0	0			E314.0	PERCHLORATE	
RSNW01-A	RSNW01	05/12/2004	GROUNDWATER	0	0			E314.0	PERCHLORATE	
RSNW03-A	RSNW03	04/28/2004	GROUNDWATER	0	0			E314.0	PERCHLORATE	
RSNW03-A	RSNW03	05/12/2004	GROUNDWATER	0	0			E314.0	PERCHLORATE	
W277SSA	MW-277	05/12/2004	GROUNDWATER	102	112	0	10	E314.0	PERCHLORATE	
W278M2A	MW-278	05/12/2004	GROUNDWATER	97	102	9.79	14.79	E314.0	PERCHLORATE	
W91M1A	MW-91	05/05/2004	GROUNDWATER	170	180	45	55	E314.0	PERCHLORATE	
W91SSA	MW-91	05/05/2004	GROUNDWATER	124	134	0	10	E314.0	PERCHLORATE	
XXM975-A	97-5	04/30/2004	GROUNDWATER	84	94	76	86	E314.0	PERCHLORATE	
MW-326-01	MW-326	05/03/2004	PROFILE	130	130	9	9	8260B	CHLOROFORM	
MW-326-01	MW-326	05/03/2004	PROFILE	130	130	9	9	8260B	BENZENE	
MW-326-01	MW-326	05/03/2004	PROFILE	130	130	9	9	8260B	2-BUTANONE (METHYL ETHYL KETONE)	
MW-326-01	MW-326	05/03/2004	PROFILE	130	130	9	9	8260B	CHLOROETHANE	
MW-326-01	MW-326	05/03/2004	PROFILE	130	130	9	9	8330N	2,6-DINITROTOLUENE	YES+
MW-326-01	MW-326	05/03/2004	PROFILE	130	130	9	9	8330N	PICRIC ACID	NO
MW-326-01	MW-326	05/03/2004	PROFILE	130	130	9	9	8330N	NITROGLYCERIN	NO
MW-326-01	MW-326	05/03/2004	PROFILE	130	130	9	9	8330N	PETN	NO
MW-326-03	MW-326	05/04/2004	PROFILE	140	140	19	19	8260B	2-BUTANONE (METHYL ETHYL KETONE)	
MW-326-03	MW-326	05/04/2004	PROFILE	140	140	19	19	8260B	CHLOROFORM	
MW-326-03	MW-326	05/04/2004	PROFILE	140	140	19	19	8330N	NITROGLYCERIN	NO
MW-326-03FD	MW-326	05/04/2004	PROFILE	140	140	19	19	8260B	2-BUTANONE (METHYL ETHYL KETONE)	
MW-326-03FD	MW-326	05/04/2004	PROFILE	140	140	19	19	8260B	CHLOROFORM	
MW-326-04	MW-326	05/04/2004	PROFILE	150	150	29	29	8260B	2-BUTANONE (METHYL ETHYL KETONE)	
MW-326-04	MW-326	05/04/2004	PROFILE	150	150	29	29	8260B	CHLOROFORM	
MW-326-04	MW-326	05/04/2004	PROFILE	150	150	29	29	8330N	PICRIC ACID	NO
MW-326-04	MW-326	05/04/2004	PROFILE	150	150	29	29	8330N	NITROGLYCERIN	NO
MW-326-05	MW-326	05/04/2004	PROFILE	160	160	39	39	8260B	2-BUTANONE (METHYL ETHYL KETONE)	

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
+ = Interference in sample

TABLE 5
DETECTED COMPOUNDS-UNVALIDATED
INTERIM MONTHLY FOR 05/01/04 - 05/14/04

SAMPLE_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
MW-326-05	MW-326	05/04/2004	PROFILE	160	160	39	39	8260B	CHLOROFORM	
MW-326-06	MW-326	05/04/2004	PROFILE	170	170	49	49	E314.0	PERCHLORATE	
MW-326-07	MW-326	05/05/2004	PROFILE	180	180	59	59	8260B	CHLOROETHANE	
MW-326-07	MW-326	05/05/2004	PROFILE	180	180	59	59	8260B	CHLOROMETHANE	
MW-326-07	MW-326	05/05/2004	PROFILE	180	180	59	59	8260B	2-BUTANONE (METHYL ETHYL KETONE)	
MW-326-07	MW-326	05/05/2004	PROFILE	180	180	59	59	8260B	ACETONE	
MW-326-07	MW-326	05/05/2004	PROFILE	180	180	59	59	8330N	PICRIC ACID	NO
MW-326-07	MW-326	05/05/2004	PROFILE	180	180	59	59	8330N	RDX	YES
MW-326-07	MW-326	05/05/2004	PROFILE	180	180	59	59	8330N	NITROGLYCERIN	NO
MW-326-07	MW-326	05/05/2004	PROFILE	180	180	59	59	E314.0	PERCHLORATE	
MW-326-08	MW-326	05/05/2004	PROFILE	190	190	69	69	8260B	ACETONE	
MW-326-08	MW-326	05/05/2004	PROFILE	190	190	69	69	8260B	2-BUTANONE (METHYL ETHYL KETONE)	
MW-326-08	MW-326	05/05/2004	PROFILE	190	190	69	69	E314.0	PERCHLORATE	
MW-326-09	MW-326	05/05/2004	PROFILE	200	200	79	79	8260B	ACETONE	
MW-326-09	MW-326	05/05/2004	PROFILE	200	200	79	79	8260B	2-BUTANONE (METHYL ETHYL KETONE)	
MW-326-09	MW-326	05/05/2004	PROFILE	200	200	79	79	8330N	RDX	YES
MW-326-09	MW-326	05/05/2004	PROFILE	200	200	79	79	8330N	NITROGLYCERIN	NO
MW-326-09	MW-326	05/05/2004	PROFILE	200	200	79	79	E314.0	PERCHLORATE	
MW-326-10	MW-326	05/05/2004	PROFILE	210	210	89	89	8260B	2-BUTANONE (METHYL ETHYL KETONE)	
MW-326-10	MW-326	05/05/2004	PROFILE	210	210	89	89	8260B	ACETONE	
MW-326-10	MW-326	05/05/2004	PROFILE	210	210	89	89	8330N	RDX	YES
MW-326-10	MW-326	05/05/2004	PROFILE	210	210	89	89	E314.0	PERCHLORATE	
MW-326-11	MW-326	05/05/2004	PROFILE	220	220	99	99	8260B	ACETONE	
MW-326-11	MW-326	05/05/2004	PROFILE	220	220	99	99	8260B	2-BUTANONE (METHYL ETHYL KETONE)	
MW-326-11	MW-326	05/05/2004	PROFILE	220	220	99	99	8330N	RDX	YES
MW-326-11	MW-326	05/05/2004	PROFILE	220	220	99	99	8330N	NITROGLYCERIN	NO
MW-326-11	MW-326	05/05/2004	PROFILE	220	220	99	99	E314.0	PERCHLORATE	
MW-326-12	MW-326	05/05/2004	PROFILE	230	230	109	109	8260B	ACETONE	

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES RECEIVED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.
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SED = SAMPLE COLLECTION END DEPTH IN FEET BELOW GROUND SURFACE
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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

TABLE 5
DETECTED COMPOUNDS-UNVALIDATED
INTERIM MONTHLY FOR 05/01/04 - 05/14/04

SAMPLE_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
MW-326-12	MW-326	05/05/2004	PROFILE	230	230	109	109	8330N	RDX	YES
MW-326-12	MW-326	05/05/2004	PROFILE	230	230	109	109	E314.0	PERCHLORATE	
MW-326-13	MW-326	05/05/2004	PROFILE	240	240	119	119	E314.0	PERCHLORATE	
MW-326-17	MW-326	05/06/2004	PROFILE	270	270	149	149	8260B	ACETONE	
MW-326-18	MW-326	05/06/2004	PROFILE	280	280	159	159	8260B	METHYL T-BUTYL ETHER	
MW-326-18	MW-326	05/06/2004	PROFILE	280	280	159	159	8260B	CHLOROFORM	
MW-326-19	MW-326	05/06/2004	PROFILE	290	290	169	169	8260B	ACETONE	
MW-326-19	MW-326	05/06/2004	PROFILE	290	290	169	169	8260B	CHLOROFORM	
MW-326-20	MW-326	05/06/2004	PROFILE	300	300	179	179	8260B	METHYL T-BUTYL ETHER	
MW-326-20	MW-326	05/06/2004	PROFILE	300	300	179	179	8260B	ACETONE	
MW-326-21	MW-326	05/06/2004	PROFILE	310	310	189	189	8260B	ACETONE	
MW-326-21	MW-326	05/06/2004	PROFILE	310	310	189	189	8260B	CHLOROFORM	
MW-326-23	MW-326	05/07/2004	PROFILE	318.5	318.5	197.5	197.5	8260B	ACETONE	
MW-326-23	MW-326	05/07/2004	PROFILE	318.5	318.5	197.5	197.5	8260B	2-BUTANONE (METHYL ETHYL KETONE)	
MW-326-23	MW-326	05/07/2004	PROFILE	318.5	318.5	197.5	197.5	8330N	RDX	NO
MW-326-23	MW-326	05/07/2004	PROFILE	318.5	318.5	197.5	197.5	8330N	PICRIC ACID	NO
MW-326-23	MW-326	05/07/2004	PROFILE	318.5	318.5	197.5	197.5	8330N	NITROGLYCERIN	NO
MW-330-01	MW-330	04/26/2004	PROFILE	140	140	11	11	8330N	2-NITROTOLUENE	NO
MW-330-01	MW-330	04/26/2004	PROFILE	140	140	11	11	8330N	3-NITROTOLUENE	NO+
MW-330-01	MW-330	04/26/2004	PROFILE	140	140	11	11	8330N	2,6-DINITROTOLUENE	NO+
MW-330-01	MW-330	04/26/2004	PROFILE	140	140	11	11	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
MW-330-01	MW-330	04/26/2004	PROFILE	140	140	11	11	8330N	1,3-DINITROBENZENE	NO
MW-330-01	MW-330	04/26/2004	PROFILE	140	140	11	11	8330N	1,3,5-TRINITROBENZENE	NO+
MW-330-01	MW-330	04/26/2004	PROFILE	140	140	11	11	8330N	RDX	NO
MW-330-01	MW-330	04/26/2004	PROFILE	140	140	11	11	8330N	PICRIC ACID	NO
MW-330-01	MW-330	04/26/2004	PROFILE	140	140	11	11	8330N	NITROGLYCERIN	NO
MW-330-03	MW-330	04/26/2004	PROFILE	160	160	31	31	8330N	NITROGLYCERIN	NO
MW-330-03	MW-330	04/26/2004	PROFILE	160	160	31	31	8330N	PICRIC ACID	NO

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TABLE 5
DETECTED COMPOUNDS-UNVALIDATED
INTERIM MONTHLY FOR 05/01/04 - 05/14/04

SAMPLE_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
MW-330-03	MW-330	04/26/2004	PROFILE	160	160	31	31	8330N	2,6-DINITROTOLUENE	YES+
MW-330-03	MW-330	04/26/2004	PROFILE	160	160	31	31	8330N	NITROBENZENE	NO+
MW-330-03	MW-330	04/26/2004	PROFILE	160	160	31	31	8330N	1,3-DINITROBENZENE	NO
MW-330-03	MW-330	04/26/2004	PROFILE	160	160	31	31	8330N	1,3,5-TRINITROBENZENE	NO+
MW-330-03	MW-330	04/26/2004	PROFILE	160	160	31	31	8330N	PETN	NO
MW-330-03FD	MW-330	04/26/2004	PROFILE	160	160	31	31	8330N	RDX	NO
MW-330-03FD	MW-330	04/26/2004	PROFILE	160	160	31	31	8330N	PICRIC ACID	NO
MW-330-03FD	MW-330	04/26/2004	PROFILE	160	160	31	31	8330N	1,3,5-TRINITROBENZENE	NO+
MW-330-03FD	MW-330	04/26/2004	PROFILE	160	160	31	31	8330N	1,3-DINITROBENZENE	NO
MW-330-03FD	MW-330	04/26/2004	PROFILE	160	160	31	31	8330N	2,6-DINITROTOLUENE	YES+
MW-330-03FD	MW-330	04/26/2004	PROFILE	160	160	31	31	8330N	PETN	NO
MW-330-05	MW-330	04/27/2004	PROFILE	170	170	41	41	8330N	PETN	NO
MW-330-05	MW-330	04/27/2004	PROFILE	170	170	41	41	8330N	NITROGLYCERIN	NO
MW-330-05	MW-330	04/27/2004	PROFILE	170	170	41	41	8330N	PICRIC ACID	NO
MW-330-07	MW-330	04/28/2004	PROFILE	190	190	61	61	8330N	PICRIC ACID	NO
MW-330-07	MW-330	04/28/2004	PROFILE	190	190	61	61	8330N	1,3-DINITROBENZENE	NO
MW-330-07	MW-330	04/28/2004	PROFILE	190	190	61	61	8330N	PETN	NO
MW-330-07	MW-330	04/28/2004	PROFILE	190	190	61	61	8330N	RDX	NO
MW-330-08	MW-330	04/29/2004	PROFILE	200	200	71	71	8330N	PICRIC ACID	NO
MW-330-08	MW-330	04/29/2004	PROFILE	200	200	71	71	8330N	NITROGLYCERIN	NO
MW-330-08	MW-330	04/29/2004	PROFILE	200	200	71	71	8330N	RDX	NO
MW-330-08	MW-330	04/29/2004	PROFILE	200	200	71	71	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
MW-330-08	MW-330	04/29/2004	PROFILE	200	200	71	71	8330N	PETN	NO
MW-330-09	MW-330	05/03/2004	PROFILE	210	210	81	81	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO+
MW-330-09	MW-330	05/03/2004	PROFILE	210	210	81	81	8330N	PICRIC ACID	NO
MW-330-09	MW-330	05/03/2004	PROFILE	210	210	81	81	8330N	NITROGLYCERIN	NO
MW-330-09	MW-330	05/03/2004	PROFILE	210	210	81	81	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
MW-330-12	MW-330	05/03/2004	PROFILE	240	240	111	111	8330N	PICRIC ACID	NO

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DETECTED COMPOUNDS-UNVALIDATED
INTERIM MONTHLY FOR 05/01/04 - 05/14/04

SAMPLE_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
MW-330-12	MW-330	05/03/2004	PROFILE	240	240	111	111	8330N	NITROGLYCERIN	NO
MW-330-12	MW-330	05/03/2004	PROFILE	240	240	111	111	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO+
MW-330-12	MW-330	05/03/2004	PROFILE	240	240	111	111	8330N	PETN	NO
MW-330-13	MW-330	05/03/2004	PROFILE	250	250	121	121	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO+
MW-330-13	MW-330	05/03/2004	PROFILE	250	250	121	121	8330N	RDX	NO
MW-330-13	MW-330	05/03/2004	PROFILE	250	250	121	121	8330N	PICRIC ACID	NO
MW-330-13	MW-330	05/03/2004	PROFILE	250	250	121	121	8330N	NITROGLYCERIN	NO
MW-330-13	MW-330	05/03/2004	PROFILE	250	250	121	121	8330N	PETN	NO
MW-330-13FD	MW-330	05/03/2004	PROFILE	250	250	121	121	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
MW-330-13FD	MW-330	05/03/2004	PROFILE	250	250	121	121	8330N	PETN	NO
MW-330-13FD	MW-330	05/03/2004	PROFILE	250	250	121	121	8330N	PICRIC ACID	NO
MW-330-13FD	MW-330	05/03/2004	PROFILE	250	250	121	121	8330N	NITROGLYCERIN	NO
MW-330-14	MW-330	05/03/2004	PROFILE	260	260	131	131	8330N	PICRIC ACID	NO
MW-330-15	MW-330	05/03/2004	PROFILE	270	270	141	141	8330N	RDX	NO
MW-330-15	MW-330	05/03/2004	PROFILE	270	270	141	141	8330N	PICRIC ACID	NO
MW-330-15	MW-330	05/03/2004	PROFILE	270	270	141	141	8330N	NITROGLYCERIN	NO
MW-330-15	MW-330	05/03/2004	PROFILE	270	270	141	141	8330N	PETN	NO
MW-330-21	MW-330	05/05/2004	PROFILE	310	310	181	181	8330N	NITROGLYCERIN	NO

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