WEEKLY PROGRESS UPDATE
FOR JANUARY 14 – JANUARY 18, 2002

EPA REGION I ADMINISTRATIVE ORDERS SDWA 1-97-1019 & 1-2000-0014
MASSACHUSETTS MILITARY RESERVATION
TRAINING RANGE AND IMPACT AREA

The following summary of progress is for the period from January 14 to January 18, 2002.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of January 18 is summarized in Table 1.

Table 1. Drilling progress as of January 18, 2002

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-193	J-3 Range Well (J3P-12)	85	53	
MW-194	J-3 Range Well (J3P-13)	93	36	
MW-197	J-3 Range Well (J3P-11)	165	145	
MW-198	J-3 Range Well (J3P-16)	155	135	
MW-201	Central Impact Area Well (CIAP-10)	400	204	

bgs = below ground surface
bwt = below water table

Completed drilling of MW-201 (CIAP-10). Well development continued for newly installed J-1 Range wells.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-201. Continued sampling of preliminary rounds for recently installed Central Impact Area, Southeast Corner of the Ranges, Phase IIb and Demo 1 Area wells. Surface water samples were collected above a diffusion sampling point in Snake Pond. Water samples were collected from the GAC treatment system. Post-excavation soil samples from BIP crater excavations were collected in the Gravity Range, J-1 Range and Target 9 areas. Soil samples were taken from polygons in the J-3 Range.

As part of the Munitions Survey Project, soil samples were collected from Target areas along Transects 2 and 4 in the HUTA2.

The Guard, EPA, and MADEP had a meeting on January 17 to discuss technical issues, including the following:

Attendees

Ben Gregson (IAGWSPO)	Dave Hill (IAGWSPO)	Tina Dolen (IAGWSPO)
Karen Wilson (IAGWSPO)	Bill Gallagher (IAGWSPO)	COL Albert Bleakley (JPO)
Todd Borci (EPA)	Jane Dolan (EPA)	Mike Jasinski (EPA-phone)
Jim Murphy (EPA)	Len Pinaud (MADEP)	Mark Panni (MADEP)
Alan Williams (ACE)	Darrell Deleppo (ACE)	Gina Tyo (ACE)
Ed Wise (ACE)	Heather Sullivan (ACE)	Ellen Iorio (ACE)
Rob Foti (ACE)	John McPherson (ACE)	Marc Grant (AMEC)
Kim Harriz (AMEC)	John Rice (AMEC)	Jay Clausen (AMEC-phone)
Herbert Colby (AMEC)	Larry Hudgins (Tetra Tech)	Dave Williams (MDPH)
Denis LeBlanc (USGS-phone)	Adam Balogh (TRC - phone)	

Punchlist Items

#2 Access 90PZ208 (MADEP). The property will be entered on 1/21/02 to sample the piezometer for explosives/perchlorate (Marc Grant to verify analyses). EPA/DEP requested copy of letter sent to property owner.

#3 Provide comments on PCN and MDL sampling approach (EPA). EPA comments received.

#6 Provide update on interview schedule for Witness #19 (IAGWSPO). Guard's attorney contacted Textron's attorney to discuss arranging an interview with Witness #19. Textron's attorney will contact Witness #19 and/or Witness #19's attorney to set up interview. Private investigator is continuing attempts to contact Witness #19. Change punchlist item to: Schedule interview with Witness #19.

#9 Provide F&T Study Report by the University of Texas (Corps). Report distributed to agencies at Tech meeting. 30 copies to be provided at January IART meeting.

#10 Provide ASR witness summaries (Corps). Some redactated summaries provided by Corps on CD earlier in week. Remaining redacted summaries provided in hard copy at Tech meeting.

#12 Provide written approval or MOR for MSP letter reports (EPA). All MSP reports to be discussed in comment resolution meeting by conference call on 1/23 at 3pm.

#13 Provide comment on Corps 12/12 email regarding SOWs and Workplans (EPA/DEP). Internal Corps comment indicated that time should be added to the process for contract award following scoping meetings when the scope (prior to the meeting) is ill defined. EPA commented that Project Notes should consist of (1.0) Statement of Problem and (5.0) Corrective Action only. An additional disclaimer to be added is "signing of this project note does not modify the requirements of the Administrative Orders (*enumerate*) or modify the scope of work required under the Administrative Orders (*enumerate*)." Ellen Iorio to email revised Project Note for signature by all parties.

#14 Provide status of dye results for November samples and MW-114 and MW-31 (AMEC). Data emailed yesterday. Dye data update to be combined with TICs update for distribution by email, monthly.

#15 Respond to EPA comment letter re: Method 8270-SIM for DNTs (AMEC). Response to be provided on 01/18/02.

#16 MW-181 Results and Recommendations (AMEC). Provided prior to meeting. Agenda item.

#17 Provide Demo 1 Soil PCN, Dye and Perchlorate results (AMEC). Results emailed. Response will be provided to EPA comments.

#18 Provide comments/approval on ASR SOW meeting minutes (EPA/DEP). EPA approval provided. DEP to provide comment/approval today. With addition of disclaimer, Project Note to be drafted for signature next week.

Munitions Survey Project Update

Rob Foti (Corps) provided an update on the MSP3 and HUTA tasks.

AirMag. AirMag work will be used in the coming weeks as fill-in work. Corps to notify EPA/DEP of start date/schedule. Todd Borci (EPA) requested that scheduled activities be referenced by anomaly including a reference to the Workplan figure that shows the anomaly being investigated.

HUTA2. Transects 1&5 - Anomaly excavation completed. Karen Wilson (IAGWSPO) approved restoration activities as a result of last week's site walk. QA magnetometer survey to be scheduled with Nick Iaiennaro (ACE). Tetra Tech will compile list of anomalies with Figure reference to be provided at 01/24 Tech meeting. Transect 2 - Soil sampling completed on 01/15. High-resolution sampling still on hold pending signature of Project Note. Todd Borci to review Project Note with Corps after Tech meeting. Copy of Project Note to be provided to DEP. EM61 survey is completed. Next step is excavation, which is planned to commence on 1/18 pending signing of Project Note. Transect 3 - EM61 survey completed 01/15. Soil sampling to commence next week. Transect 4 - EM61 survey completed 01/16. Soil sampling to commence today.

J Range Polygons. Investigation of J-2 Range Polygons 6-15 which are outside the Sandwich buffer zone is being conducted this week. After completing these polygons, J-1 Range polygons within buffer zone will be addressed. Schedule to be finalized today. A site visit to the J-1 Range was conducted with EPA on 1/16 to review other potential polygon areas for investigation. Summary of results to date show disposal as evidenced by debris, burn residue, and stained soil has been encountered in at least three areas: J-1 polygon #9; J-1 polygon #16; and J-2 polygon #1. A burial location was uncovered at J-2 polygon #13. In this location, 73 mortar rounds (81 mm), which were clearly marked inert, were uncovered. Finally, work will commence shortly on several polygons which are suspected to contain additional disposed munitions items, including suspected high explosive rounds.

Scar Site/U Range. ROA for these sites was submitted on 1/16.

BA-1 Disposal Site. Some of the analytical data has been received. Corps is recommending that fluid in tubes be sampled for PCBs and SVOCs. Todd Borci indicated that if no releases of these constituents are noted in underlying soil samples, the sampling of the water in the tube should be completed for waste characterization pursuant to disposal. Debris from site has been drummed and staged.

- Ellen Iorio (ACE) requested that enforceable milestones not be set for completion of fieldwork for HUTA2 of AirMag tasks. Schedules need to be somewhat flexible due to logistics of coordinating with AMEC field activities.
- Todd Borci requested that future modifications to the MSP schedules be made in one request.
- Ellen Iorio responded to specific questions Mr. Borci had regarding HUTA2 analytical data tables. Mr. Borci requested that tables and maps of HUTA2 Transect 1 and 5 data be cross-referenced for ease in review.
- Mr. Borci further requested that future tables of HUTA2 data include a "PDA" column with a "YES" or "NO" for each detection.
- Jane Dolan requested that the Corps provide EPA an idea of what the AirMag Tech memos would look like.

Snake Pond Update

Dave Hill (IAGWSPO)/ Denis LeBlanc (USGS) provided an update on results of drive point sampling at Snake Pond.

- Perchlorate was detected at a concentration below the EPA limit in Drive Point Sample 5, which corresponds to Diffusion sample location #38. This is a location just north of the east end of the spit. These results will be included in the Investigation Update at the January IART meeting. The detection of Perchlorate was above the MDL of 0.35 ppb, but below the reporting limit, so it is a J value.
- Tech team decided that a press release for this detection would not be needed because detection was below EPA Limit of 1.5 ppb. Tina Dolen to notify Dave Mason (Sandwich Health Department) and Dick Judge (Sandwich Selectman).
- Guard has requested that AMEC collect a sample of the surface water at this location. Surface water sampling is being completed today.
- Denis LeBlanc explained that sampling at location #38 was done because sampling at location #37 (where explosive detections was noted in diffusion sample) could not be completed. The substrate at the #37 location was too fine-grained. The water depth was only about 1 foot at the #38 location. The drive point was driven in 2.2 feet below the base of the pond, so the drive point had a 3.2-foot head of water. Purging and sampling of the drive points was done through a 1/8" tube. Approximately 1 Liter of water was purged at a rate of 1 Liter/320 seconds, prior to sampling. During purging, the specific conductance of the purge water was monitored. The initial measurement was 57.1, the final measurement was 56.6. The hydrogeologic dynamics (recharge/discharge) in the vicinity of the spit and the Pond in general are not well understood. The conductivity results suggest that the drive point sample water may be groundwater recharge from the Pond, but it is unlikely that it is Pond water.
- The good news is that by collecting drive point samples, all interferences that had been seen from organic material at the base of the pond were eliminated. This was the original purpose of the sampling. However, collectively the groundwater data around the Pond, diffusion sampling results, and drive point sample results do not show a pattern of contamination or suggest an obvious next step.
- Guard and agencies decided that follow-on work for Snake Pond would be addressed in the Final J-1, J-3, L Range Additional Delineation Workplan #2. EPA would provide a general comment to this Draft Workplan that a follow-on scope of work at Snake Pond was needed. Scoping meeting for follow-on work scheduled after Tech meeting 1/24.

J Range Polygon Press Release

Tina Dolen (IAGWSPO) distributed a draft press release for review regarding munition burial sites found at the J Ranges, as part of the MSP Polygon investigations. Comments were provided by Tech team at the meeting. It was suggested that the release be more general to cover all burial/disposal sites. A revised draft was reviewed by interested parties following the Tech meeting.

MW-181 Profile Sample

Jay Clausen (ACE) reviewed status of information on the MW-181 profile sample.

- Saga of MW-181 was detailed in an email summary with recommendation prepared by AMEC. COL Bleakley (JPO) and Mike Jasinski (EPA) complimented the clarity of the written summary.
- AMEC's summary suggests that uranium is not responsible for high gross alpha detections and there is no depleted uranium present. It is possible that the radioactive decay of uranium or other radioactive isotope is producing other isotopes that are responsible for the elevated gross alpha. A particular suspect is radon 222 because an alpha/gamma and beta

handheld scintillation counter (that was used by the laboratory) registered a spike in alpha activity upon opening the sample jar, and then the alpha activity quickly subsided. This observation suggests that radon-222 gas accumulated in the sample bottle and was released when the bottle was opened. It seems possible that the elevated alpha is from radon that is growing-in from either radium or thorium.

- AMEC recommends that the solid fraction of the profile sample be analyzed for radium and thorium and the liquid fraction of the profile sample be analyzed for radon and radium.
- Todd Borci to review results and recommendation with Idaho National Engineering Laboratory (INEL) and provide feedback on further action by Tuesday 1/22, prior to January IART meeting.

DEMO 1 Area Groundwater Feasibility Study

Heather Sullivan (ACE) reviewed the status of the schedule.

- The schedule for completing the Demo 1 Groundwater Feasibility Study is under development. Completion of the Demo 1 GW FS schedule is planned for the end of January.
- An email has been forwarded to Hanni Dinkeloo (Natural Heritage) explaining the plume delineation strategy. This strategy will require revision of the existing ROAs. Approval of these ROAs is complicated by Ms. Dinkeloo's leaving her position at the agency in 2 weeks.
- AMEC is currently revising the ROAs for road building and new well locations. The plan is to have these submitted by 1/25 for Ms. Dinkeloo's review and approval prior to her departure. In particular, areas where fill will have to be added and remain for a period of time are being identified for the ROAs.

Background Soil Sampling Update

- Heather Sullivan (ACE) reviewed the status of the background soil sampling.
- All background sampling was completed by December 2001. Off-site background data for MCPP/MCPA analysis, completed in December has been received. The off-site data is being validated; on-site data is validated
- PCN sampling was completed in October; this data is being validated.
- Dioxin/furan sampling was completed in October; this data is being validated. Toxic Equivalents (TEQ) for this data have not yet been calculated. Draft TEQ to be provided to the agencies will be based on the unvalidated results.
- Copies of all data were provided to the agencies at the Tech meeting upon request.

ASR Update

Gina Tyo provided monthly update of ASR activities.

- Recent interviews were provided - some in hard copy at meeting and some by CD prior to meeting. Third Witness #24 interview provided by email.
- Ben Gregson (IAGWSPO) indicated that a letter discussing next steps in addressing Osborne Pond, which was referenced as a disposal area by Witness #32, will be sent by 1/18.

Significant Accomplishments

- Mr. Blake conducted additional interviews to include site visits with Witness #24 (third interview), Witness #25 (third interview), Witness # 26, Witness #30 (second interview), Witness #32 and Witness #33. Mr. Blake and Tetra Tech also received information from EPA regarding the E Range and a prioritized list of additional individuals to be interviewed.
- NGB submitted a sensitive information letter (dated December 21, 2001) based on input from Witness #32.
- As directed by USACE-NE, Tetra Tech placed an ad in the *Army Times* and *Air Force Times*. This ad will be posted in the journals for four consecutive weeks.

- USACE-NE, USACE-RI, EPA, MADEP, NGB, and Tetra Tech met on December 6, 2001, to discuss finalization of the ASR. NRC summary will be reissued. Marine/Navy historical findings will be added to revised Military History Report.
- USACE-NE approved and Tetra Tech distributed a project note regarding above meeting to address ASR Finalization (December 23, 2001). USACE-NE and NGB request input or concurrence from EPA and MADEP by January 10, 2002. EPA approval was received on January 15, 2002. Awaiting DEP approval. Len Pinaud (MADEP) requested that finalizing the Project Note for the ASR be discussed in a brief after meeting.
- A meeting (December 19, 2001) with ASR team members and others was held to discuss GIS formats and issues related to data from various ongoing investigations. Outcomes from this meeting will be incorporated into the ASR GIS archive task, as appropriate.

Upcoming Actions

- Continue interviews.
- Compile data obtained through *Army Times* and *Air Force Times* ads and provide to ASR team for review
- Proceed with coordination regarding ASR documents.
- Issue data call for data related to ASR and input on ongoing investigations to be summarized in ASR.
- Prepare for finalization of the ASR pending receipt of all comments.

Central Impact Area Wells

Heather Sullivan revisited locations of 5 proposed Central Impact Area wells with new location map to obtain approval on the locations from EPA/DEP. The locations were resolved/approved as follows:

CIAP-22 - Location EPA proposed off of MW-3 access road was reviewed at a site visit earlier in the week. This well can be located along MW-113 particle track on even terrain. Location approved by all parties.

CIAP-17 and CIAP-25 - Cross sections were provided to assist in reviewing new proposed locations of these wells to define the plume between Spruce Swamp and Burgoyne Roads. Based on a site visit, the Guard rescoped the CIAP-17 and CIAP-25 locations. However, the Guard would prefer to hold on installation of CIAP-25 pending CIAP-17 results, because of logistics of entering the heavily vegetated area. Between the two locations, CIAP-17 allows easier access. All parties agreed on the CIAP-17 location.

CIAP-11 - Guard would like to move this well further south than the previous proposed location. Todd Borci suggested that the Guard review this well in conjunction with particle tracks from the J Ranges as it may be better to move this well to the east.

CIAP-12 - 740 foot road cutting is been identified as an issue for Hanni Dinkeloo as this particular part of the Central Impact Area is characterized by prime sensitive species habitat. Jay Clausen feels that additional data is needed to define the upgradient edge of the plume in the vicinity. AMEC to provide additional backtracks from monitor wells MW-1 and MW-90 toward MW-118 and MW-126 to see if proposed location for CIAP-12 can be moved closer to these wells located on a road to the southeast.

CIAP-15 - Karen Wilson indicated that discussion with the Wampanoags suggests that email approval for this location will be received by 1/18.

Miscellaneous

- Todd Borci provided a copy of an article called The Perchlorate Story published in Pollution Engineering August 2001. The article indicated that perchlorate is a component of Minuteman rocket propellant. A recent witness interview reported that Minuteman rocket propellant was detonated at the J-3 Range detonation pit.
- Jane Dolan requested dye results for J-2 Range soils.

- Ms. Dolan pointed out that recent groundwater results from AFCEE showed that groundwater samples from MW-45 at L Range had a PCE concentration of 5.6 ug/L.
- Darrell Deleppo (ACE), noting the proliferation of Project Notes, recommended that the Corps start tracking these notes using the Punchlist.
- Len Pinaud (MADEP) indicated that DEP is close to finalizing the permit for MMR's prescribed burn. A meeting is scheduled with Mike Ciaranca (MAARNG) for 1/23. Mr. Pinaud offered to provide information on the permit to the Tech team after this meeting.

2. SUMMARY OF DATA RECEIVED

Rush data are summarized in Table 3. These data are for analyses that are performed on a fast turnaround time, typically 1-5 days. Explosive analyses for monitoring wells, and explosive and VOC analyses for groundwater profile samples, are conducted in this timeframe. The rush data are not validated, but are provided as an indication of the most recent preliminary results. Table 3 summarizes only detects, and does not show samples with non-detects.

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

- Soil from BIP post-excavation grid sample HDJ3200003RPE2 had a detection of 2A-DNT that was confirmed by PDA spectra.

- Groundwater samples from MW-75M2 (Demo Area 1) had detections of 2-nitrotoluene and RDX that were confirmed by PDA spectra. The detection of 2-nitrotoluene was confirmed by PDA spectra but with interference. The detections were similar to previous sampling rounds except that 2-nitrotoluene has never been a valid detection in MW-75M2.

- Groundwater samples from MW-76M2 (Demo Area 1) had detections of 2-nitrotoluene, RDX, HMX, and MNX that were confirmed by PDA spectra. The detection of 2-nitrotoluene was confirmed by PDA spectra but with interference. The detections were similar to previous sampling rounds except that 2-nitrotoluene has never been a valid detection in MW-76M2.

- Groundwater samples from MW-94M1 and duplicate, MW-94M2 (Central Impact Area) had detections of RDX that were confirmed by PDA spectra. The detections were similar to previous sampling rounds.

- Groundwater profile samples from MW-201 (CIAP-10) had detections of 2,6-DNT (2 intervals), 2-nitrotoluene (2 intervals), RDX (9 intervals), nitroglycerin (2 intervals), and picric acid (2 intervals). The detections of 2,6-DNT and four detections of RDX were confirmed by PDA spectra. The detections of 2-nitrotoluene were confirmed by PDA spectra, but with interference. Five detections of RDX were not confirmed by PDA spectra, but with interference.

3. DELIVERABLES SUBMITTED

Weekly Progress Update for January 7 – January 11, 2002	01/17/02
Draft Supplemental Phase IIb Work Plan	01/17/02

4. SCHEDULED ACTIONS

Scheduled actions for the week of January 21 include well installation of MW-193 (J3P-12), MW-194 (J3P-13), MW-197 (J3P-11), and MW-198 (J3P-16). Commence well installation of MW-201 (CIAP-10). Continue well development of newly installed Central Impact Area and J Range wells. Commence clearing for Central Impact Area proposed wells CIAP-15 and CIAP-20.

5. SUMMARY OF ACTIVITIES FOR DEMO 1

Additional delineation of the downgradient portion of the groundwater plume will be conducted prior to finalizing the Feasibility Study for the Groundwater Operable Unit. Proposed monitoring well locations have been scoped by the Guard and approved by the agencies for delineation of the groundwater plume. Road building for proposed monitoring well D1P-9 is scheduled to commence the first week of February.

TABLE 2
SAMPLING PROGRESS
01/12/2002 - 01/18/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
58MW0020BE	FIELDQC	01/15/2002	FIELDQC	0.00	0.00		
90MW0022E	FIELDQC	01/16/2002	FIELDQC	0.00	0.00		
G201DNE	FIELDQC	01/16/2002	FIELDQC	0.00	0.00		
G201DRE	FIELDQC	01/17/2002	FIELDQC	0.00	0.00		
HC102TI1BAE	FIELDQC	01/16/2002	FIELDQC	0.00	0.00		
HC102TI1BAT	FIELDQC	01/16/2002	FIELDQC	0.00	0.00		
HC102TJ1AAE	FIELDQC	01/15/2002	FIELDQC	0.00	0.00		
HDGR37MM3PE3E	FIELDQC	01/17/2002	FIELDQC	0.00	0.00		
HDJ1200182RPE3E	FIELDQC	01/14/2002	FIELDQC	0.00	0.00		
HDT981MMPE3E	FIELDQC	01/18/2002	FIELDQC	0.00	0.00		
LRMW0003T	FIELDQC	01/14/2002	FIELDQC	0.00	0.00		
W170M1AT	FIELDQC	01/18/2002	FIELDQC	0.00	0.00		
W185M2T	FIELDQC	01/17/2002	FIELDQC	0.00	0.00		
58MW0020A	58MW0020A	01/16/2002	GROUNDWATER		248.00		88.00
58MW0020B	58MW0020B	01/15/2002	GROUNDWATER		205.00		43.00
90MW0022	90MW0022	01/15/2002	GROUNDWATER	112.00	117.00	72.79	77.79
90MW0101A	90MW0101A	01/14/2002	GROUNDWATER	112.00	117.00	106.60	111.60
90MW0102A	90MW0102A	01/15/2002	GROUNDWATER	112.00	117.00	107.10	112.10
LRMW0003	LRMW0003	01/14/2002	GROUNDWATER	100.00	110.00	74.75	84.75
W157DDA	MW-157	01/15/2002	GROUNDWATER	209.00	219.00	199.00	209.00
W157M1A	MW-157	01/15/2002	GROUNDWATER	154.00	164.00	144.00	154.00
W157M2A	MW-157	01/14/2002	GROUNDWATER	110.00	120.00	100.00	110.00
W158M1A	MW-158	01/16/2002	GROUNDWATER	176.00	186.00	89.00	99.00
W158M2A	MW-158	01/16/2002	GROUNDWATER	124.50	134.50	37.00	47.00
W158M2D	MW-158	01/16/2002	GROUNDWATER	124.50	134.50	37.00	47.00
W158SSA	MW-158	01/16/2002	GROUNDWATER	89.00	99.00	2.00	12.00
W162M1A	MW-162	01/18/2002	GROUNDWATER	190.50	200.50	9.00	19.00
W162M2A	MW-162	01/18/2002	GROUNDWATER	125.00	135.00	9.00	19.00
W164M1A	MW-164	01/17/2002	GROUNDWATER	227.00	237.00	9.00	19.00
W164M2A	MW-164	01/17/2002	GROUNDWATER	157.00	167.00	119.00	129.00
W164M3A	MW-164	01/16/2002	GROUNDWATER	117.00	127.00	49.00	59.00
W166M1A	MW-166	01/16/2002	GROUNDWATER	218.00	223.00	112.00	117.00
W166M3A	MW-166	01/17/2002	GROUNDWATER	125.00	135.00	19.00	29.00
W168M1X	MW-168	01/18/2002	GROUNDWATER	256.00	266.00	170.00	180.00
W170M1A	MW-170	01/18/2002	GROUNDWATER	265.00	275.00	162.00	172.00
W170M3A	MW-170	01/18/2002	GROUNDWATER	123.00	133.00	20.00	30.00
W185M1A	MW-185	01/18/2002	GROUNDWATER	247.00	257.00	110.90	120.90
W185M2A	MW-185	01/17/2002	GROUNDWATER	156.00	166.00	19.50	29.50
W35SSA	MW-35	01/14/2002	GROUNDWATER	84.00	94.00	0.00	10.00
DW011702	GAC WATER	01/17/2002	IDW	0.00	0.00		
GAC011502	GAC WATER	01/15/2002	IDW	0.00	0.00		
G201DAA	MW-201	01/15/2002	PROFILE	200.00	200.00	4.40	4.40
G201DAE	MW-201	01/15/2002	PROFILE	0.00	0.00		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, 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
01/12/2002 - 01/18/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G201DBA	MW-201	01/15/2002	PROFILE	210.00	210.00	14.40	14.40
G201DCA	MW-201	01/15/2002	PROFILE	220.00	220.00	24.40	24.40
G201DDA	MW-201	01/15/2002	PROFILE	230.00	230.00	34.40	34.40
G201DEA	MW-201	01/15/2002	PROFILE	240.00	240.00	44.40	44.40
G201DFA	MW-201	01/15/2002	PROFILE	250.00	250.00	54.40	54.40
G201DGA	MW-201	01/15/2002	PROFILE	260.00	260.00	64.40	64.40
G201DHA	MW-201	01/16/2002	PROFILE	270.00	270.00	74.40	74.40
G201DIA	MW-201	01/16/2002	PROFILE	280.00	280.00	84.40	84.40
G201DJA	MW-201	01/16/2002	PROFILE	290.00	290.00	94.40	94.40
G201DKA	MW-201	01/16/2002	PROFILE	300.00	300.00	104.40	104.40
G201DLA	MW-201	01/16/2002	PROFILE	310.00	310.00	114.40	114.40
G201DLD	MW-201	01/16/2002	PROFILE	310.00	310.00	114.40	114.40
G201DMA	MW-201	01/16/2002	PROFILE	320.00	320.00	124.40	124.40
G201DNA	MW-201	01/16/2002	PROFILE	330.00	330.00	134.40	134.40
G201DOA	MW-201	01/16/2002	PROFILE	340.00	340.00	144.40	144.40
G201DPA	MW-201	01/16/2002	PROFILE	350.00	350.00	154.40	154.40
G201DQA	MW-201	01/17/2002	PROFILE	360.00	360.00	164.40	164.40
G201DRA	MW-201	01/17/2002	PROFILE	370.00	370.00	174.40	174.40
G201DSA	MW-201	01/17/2002	PROFILE	380.00	380.00	184.40	184.40
G201DTA	MW-201	01/17/2002	PROFILE	390.00	390.00	194.40	194.40
HC102TI1AAA	102TI1	01/16/2002	SOIL GRID	0.00	0.25		
HC102TI1BAA	102TI1	01/16/2002	SOIL GRID	0.25	0.50		
HC102TI1CAA	102TI1	01/16/2002	SOIL GRID	0.50	1.00		
HC102TJ1AAA	102TJ1	01/15/2002	SOIL GRID	0.00	0.25		
HC102TJ1BAA	102TJ1	01/15/2002	SOIL GRID	0.25	0.50		
HC102TJ1CAA	102TJ1	01/15/2002	SOIL GRID	0.50	1.00		
HC102VK1AAA	102VK1	01/15/2002	SOIL GRID	0.00	0.25		
HC102VK1BAA	102VK1	01/15/2002	SOIL GRID	0.25	0.50		
HC102VK1CAA	102VK1	01/15/2002	SOIL GRID	0.50	1.00		
HC102VL1AAA	102VL1	01/15/2002	SOIL GRID	0.00	0.25		
HC102VL1BAA	102VL1	01/15/2002	SOIL GRID	0.25	0.50		
HC102VL1CAA	102VL1	01/15/2002	SOIL GRID	0.50	1.00		
HDA032101AAPE1	A032101AAPE	01/14/2002	SOIL GRID	0.00	0.25		
HDA032101AAPE2	A032101AAPE	01/14/2002	SOIL GRID	0.00	0.25		
HDA032101AAPE3	A032101AAPE	01/14/2002	SOIL GRID	0.00	0.25		
HDGR37MM3PE1	HDGR37MM3PE1	01/17/2002	SOIL GRID	0.00	0.25		
HDGR37MM3PE2	HDGR37MM3PE2	01/17/2002	SOIL GRID	0.00	0.25		
HDGR37MM3PE3	HDGR37MM3PE3	01/17/2002	SOIL GRID	0.00	0.25		
HDGR37MM5PE1	HDGR37MM5PE1	01/17/2002	SOIL GRID	0.00	0.25		
HDGR37MM5PE2	HDGR37MM5PE2	01/17/2002	SOIL GRID	0.00	0.25		
HDGR37MM5PE3	HDGR37MM5PE3	01/17/2002	SOIL GRID	0.00	0.25		
HDJ1200106PE1	1200106PE	01/14/2002	SOIL GRID	0.00	0.25		
HDJ1200106PE2	1200106PE	01/14/2002	SOIL GRID	0.00	0.25		
HDJ1200106PE3	1200106PE	01/14/2002	SOIL GRID	0.00	0.25		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
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TABLE 2
SAMPLING PROGRESS
01/12/2002 - 01/18/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HDJ1200182RPE1	1200182RPE	01/14/2002	SOIL GRID	0.00	0.25		
HDJ1200182RPE2	1200182RPE	01/14/2002	SOIL GRID	0.00	0.25		
HDJ1200182RPE3	1200182RPE	01/14/2002	SOIL GRID	0.00	0.25		
HDJ1300038RPE1	1300038RPE	01/14/2002	SOIL GRID	0.00	0.25		
HDJ1300038RPE2	1300038RPE	01/14/2002	SOIL GRID	0.00	0.25		
HDJ1300038RPE3	1300038RPE	01/14/2002	SOIL GRID	0.00	0.25		
HDJ1300038RPE3D	1300038RPE	01/14/2002	SOIL GRID	0.00	0.25		
HDT981MMPE1	HDT981MMPE1	01/18/2002	SOIL GRID	0.00	0.25		
HDT981MMPE2	HDT981MMPE2	01/18/2002	SOIL GRID	0.00	0.25		
HDT981MMPE3	HDT981MMPE3	01/18/2002	SOIL GRID	0.00	0.25		
T2.E.0O.001.2.0	Transect 2 Target 1	01/16/2002	SOIL GRID	0.00	0.25		
T2.E.0O.001.3.0	Transect 2 Target 1	01/16/2002	SOIL GRID	0.00	0.25		
T2.E.0O.001.4.0	Transect 2 Target 1	01/16/2002	SOIL GRID	0.00	0.25		
T2.E.0O.001.5.0	Transect 2 Target 1	01/16/2002	SOIL GRID	0.00	0.25		
T2.E.0O.001.6.0	Transect 2 Target 1	01/16/2002	SOIL GRID	0.00	0.25		
T2.E.0O.001.7.0	Transect 2 Target 1	01/16/2002	SOIL GRID	0.00	0.25		
T2.E.0O.001.8.0	Transect 2 Target 1	01/16/2002	SOIL GRID	0.00	0.25		
T2.E.0O.001.9.0	Transect 2 Target 1	01/16/2002	SOIL GRID	0.00	0.25		
T2.F.0A.LRZ.1.0	Transect 2 Grid A Matrix	01/14/2002	SOIL GRID	0.00	0.25		
T2.F.0B.LRZ.1.0	Transect 2 Grid B Matrix	01/14/2002	SOIL GRID	0.00	0.25		
T2.F.0C.LRZ.1.0	Transect 2 Grid C Matrix	01/14/2002	SOIL GRID	0.00	0.25		
T2.F.0D.LRZ.1.0	Transect 2 Grid D Matrix	01/14/2002	SOIL GRID	0.00	0.25		
T2.F.0E.LRZ.1.0	Transect 2 Grid E Matrix	01/14/2002	SOIL GRID	0.00	0.25		
T2.F.0F.LRZ.1.0	Transect 2 Grid F Matrix	01/14/2002	SOIL GRID	0.00	0.25		
T2.F.0G.LRZ.1.0	Transect 2 Grid G Matrix	01/14/2002	SOIL GRID	0.00	0.25		
T2.F.0H.LRZ.1.0	Transect 2 Grid H Matrix	01/14/2002	SOIL GRID	0.00	0.25		
T2.F.0I.HRZ.1.0	Transect 2 Grid I Matrix S	01/15/2002	SOIL GRID	0.00	0.25		
T2.F.0I.HRZ.2.0	Transect 2 Grid I Matrix S	01/15/2002	SOIL GRID	0.50	1.00		
T2.F.0J.HRZ.1.0	Transect 2 Grid J Matrix	01/15/2002	SOIL GRID	0.00	0.25		
T2.F.0J.HRZ.2.0	Transect 2 Grid J Matrix	01/15/2002	SOIL GRID	0.50	1.00		
T2.F.0K.HRZ.1.0	Transect 2 Grid K Matrix	01/15/2002	SOIL GRID	0.00	0.25		
T2.F.0K.HRZ.2.0	Transect 2 Grid K Matrix	01/15/2002	SOIL GRID	0.50	1.00		
T2.F.0L.HRZ.1.0	Transect 2 Grid L Matrix	01/16/2002	SOIL GRID	0.00	0.25		
T2.F.0L.HRZ.2.0	Transect 2 Grid L Matrix	01/16/2002	SOIL GRID	0.50	1.00		
T2.F.0M.HRZ.1.0	Transect 2 Grid M Matrix	01/16/2002	SOIL GRID	0.00	0.25		
T2.F.0M.HRZ.2.0	Transect 2 Grid M Matrix	01/16/2002	SOIL GRID	0.50	1.00		
T2.F.0N.HRZ.1.0	Transect 2 Grid N Matrix	01/16/2002	SOIL GRID	0.00	0.25		
T2.F.0N.HRZ.1.D	Transect 2 Grid N Matrix	01/16/2002	SOIL GRID	0.00	0.25		
T2.F.0N.HRZ.2.0	Transect 2 Grid N Matrix	01/16/2002	SOIL GRID	0.50	1.00		
T2.F.0O.HRZ.1.0	Transect 2 Grid O Matrix	01/16/2002	SOIL GRID	0.00	0.25		
T2.F.0O.HRZ.2.0	Transect 2 Grid O Matrix	01/16/2002	SOIL GRID	0.50	1.00		
T2.F.0P.HRZ.1.0	Transect 2 Grid P Matrix	01/16/2002	SOIL GRID	0.00	0.25		
T2.F.0P.HRZ.2.0	Transect 2 Grid P Matrix	01/16/2002	SOIL GRID	0.50	1.00		
T2.F.0Q.HRZ.1.0	Transect 2 Grid Q Matrix	01/16/2002	SOIL GRID	0.00	0.25		

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TABLE 2
SAMPLING PROGRESS
01/12/2002 - 01/18/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
T2.F.0Q.HRZ.2.0	Transect 2 Grid Q Matrix	01/16/2002	SOIL GRID	0.50	1.00		
T2.F.0R.HRZ.1.0	Transect 2 Grid R Matrix	01/16/2002	SOIL GRID	0.00	0.25		
T2.F.0R.HRZ.2.0	Transect 2 Grid R Matrix	01/16/2002	SOIL GRID	0.50	1.00		
T2.F.0S.HRZ.1.0	Transect 2 Grid S Matrix	01/16/2002	SOIL GRID	0.00	0.25		
T2.F.0S.HRZ.2.0	Transect 2 Grid S Matrix	01/16/2002	SOIL GRID	0.50	1.00		
T2.F.0T.HRZ.1.0	Transect 2 Grid T Matrix	01/16/2002	SOIL GRID	0.00	0.25		
T2.F.0T.HRZ.2.0	Transect 2 Grid T Matrix	01/16/2002	SOIL GRID	0.50	1.00		
T2.F.0U.LRZ.1.0	Transect 2 Grid U Matrix	01/15/2002	SOIL GRID	0.00	0.25		
T2.F.0V.LRZ.1.0	Transect 2 Grid V Matrix	01/15/2002	SOIL GRID	0.00	0.25		
T2.F.0W.LRZ.1.0	Transect 2 Grid W Matrix	01/15/2002	SOIL GRID	0.00	0.25		
T2.F.0X.LRZ.1.0	Transect 2 Grid X Matrix	01/15/2002	SOIL GRID	0.00	0.25		
T2.F.0Y.LRZ.1.0	Transect 2 Grid Y Matrix	01/15/2002	SOIL GRID	0.00	0.25		
T2.F.0Z.LRZ.1.0	Transect 2 Grid Z Matrix	01/15/2002	SOIL GRID	0.00	0.25		
T2.F.AA.LRZ.1.0	Transect 2 Grid AA Matri	01/15/2002	SOIL GRID	0.00	0.25		
T2.F.BB.LRZ.1.0	Transect 2 Grid BB Matri	01/15/2002	SOIL GRID	0.00	0.25		
T4.E.NO.001.2.0	Transect 4 Target 1	01/17/2002	SOIL GRID	0.00	0.25		
T4.E.NO.001.3.0	Transect 4 Target 1	01/17/2002	SOIL GRID	0.00	0.25		
T4.E.NO.001.4.0	Transect 4 Target 1	01/17/2002	SOIL GRID	0.00	0.25		
T4.E.NO.001.5.0	Transect 4 Target 1	01/17/2002	SOIL GRID	0.00	0.25		
T4.E.NO.001.6.0	Transect 4 Target 1	01/17/2002	SOIL GRID	0.00	0.25		
T4.E.NO.001.7.0	Transect 4 Target 1	01/17/2002	SOIL GRID	0.00	0.25		
T4.E.NO.001.8.0	Transect 4 Target 1	01/17/2002	SOIL GRID	0.00	0.25		
T4.E.NO.001.9.0	Transect 4 Target 1	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0A.LRZ.1.0	Transect 4 Grid A Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0B.LRZ.1.0	Transect 4 Grid B Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0C.LRZ.1.0	Transect 4 Grid C Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0D.LRZ.1.0	Transect 4 Grid D Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0E.LRZ.1.0	Transect 4 Grid E Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0F.LRZ.1.0	Transect 4 Grid F Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0G.LRZ.1.0	Transect 4 Grid G Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0G.LRZ.1.D	Transect 4 Grid G Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0H.LRZ.1.0	Transect 4 Grid H Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0I.HRZ.1.0	Transect 4 Grid I Matrix S	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0I.HRZ.2.0	Transect 4 Grid I Matrix S	01/17/2002	SOIL GRID	0.50	1.00		
T4.F.0J.HRZ.1.0	Transect 4 Grid J Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0J.HRZ.2.0	Transect 4 Grid J Matrix	01/17/2002	SOIL GRID	0.50	1.00		
T4.F.0K.HRZ.1.0	Transect 4 Grid K Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0K.HRZ.2.0	Transect 4 Grid K Matrix	01/17/2002	SOIL GRID	0.50	1.00		
T4.F.0L.HRZ.1.0	Transect 4 Grid L Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0L.HRZ.2.0	Transect 4 Grid L Matrix	01/17/2002	SOIL GRID	0.50	1.00		
T4.F.0M.HRZ.1.0	Transect 4 Grid M Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0M.HRZ.2.0	Transect 4 Grid M Matrix	01/17/2002	SOIL GRID	0.50	1.00		
T4.F.0N.HRZ.1.0	Transect 4 Grid N Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0N.HRZ.2.0	Transect 4 Grid N Matrix	01/17/2002	SOIL GRID	0.50	1.00		

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TABLE 2
SAMPLING PROGRESS
01/12/2002 - 01/18/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
T4.F.0O.HRZ.1.0	Transect 4 Grid O Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0O.HRZ.2.0	Transect 4 Grid O Matrix	01/17/2002	SOIL GRID	0.50	1.00		
T4.F.0P.HRZ.1.0	Transect 4 Grid P Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0P.HRZ.2.0	Transect 4 Grid P Matrix	01/17/2002	SOIL GRID	0.50	1.00		
T4.F.0Q.HRZ.1.0	Transect 4 Grid Q Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0Q.HRZ.2.0	Transect 4 Grid Q Matrix	01/17/2002	SOIL GRID	0.50	1.00		
T4.F.0R.HRZ.1.0	Transect 4 Grid R Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0R.HRZ.2.0	Transect 4 Grid R Matrix	01/17/2002	SOIL GRID	0.50	1.00		
T4.F.0S.HRZ.1.0	Transect 4 Grid S Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0S.HRZ.2.0	Transect 4 Grid S Matrix	01/17/2002	SOIL GRID	0.50	1.00		
T4.F.0T.HRZ.1.0	Transect 4 Grid T Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0T.HRZ.2.0	Transect 4 Grid T Matrix	01/17/2002	SOIL GRID	0.50	1.00		
T4.F.0U.LRZ.1.0	Transect 4 Grid U Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0V.LRZ.1.0	Transect 4 Grid V Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0W.LRZ.1.0	Transect 4 Grid W Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0X.LRZ.1.0	Transect 4 Grid X Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0Y.LRZ.1.0	Transect 4 Grid Y Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.0Z.LRZ.1.0	Transect 4 Grid Z Matrix	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.AA.LRZ.1.0	Transect 4 Grid AA Matri	01/17/2002	SOIL GRID	0.00	0.25		
T4.F.BB.LRZ.1.0	Transect 4 Grid BB Matri	01/17/2002	SOIL GRID	0.00	0.25		
LKSNK0006AAA	LKSNK0006AAA	01/17/2002	SURFACE WATER				

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
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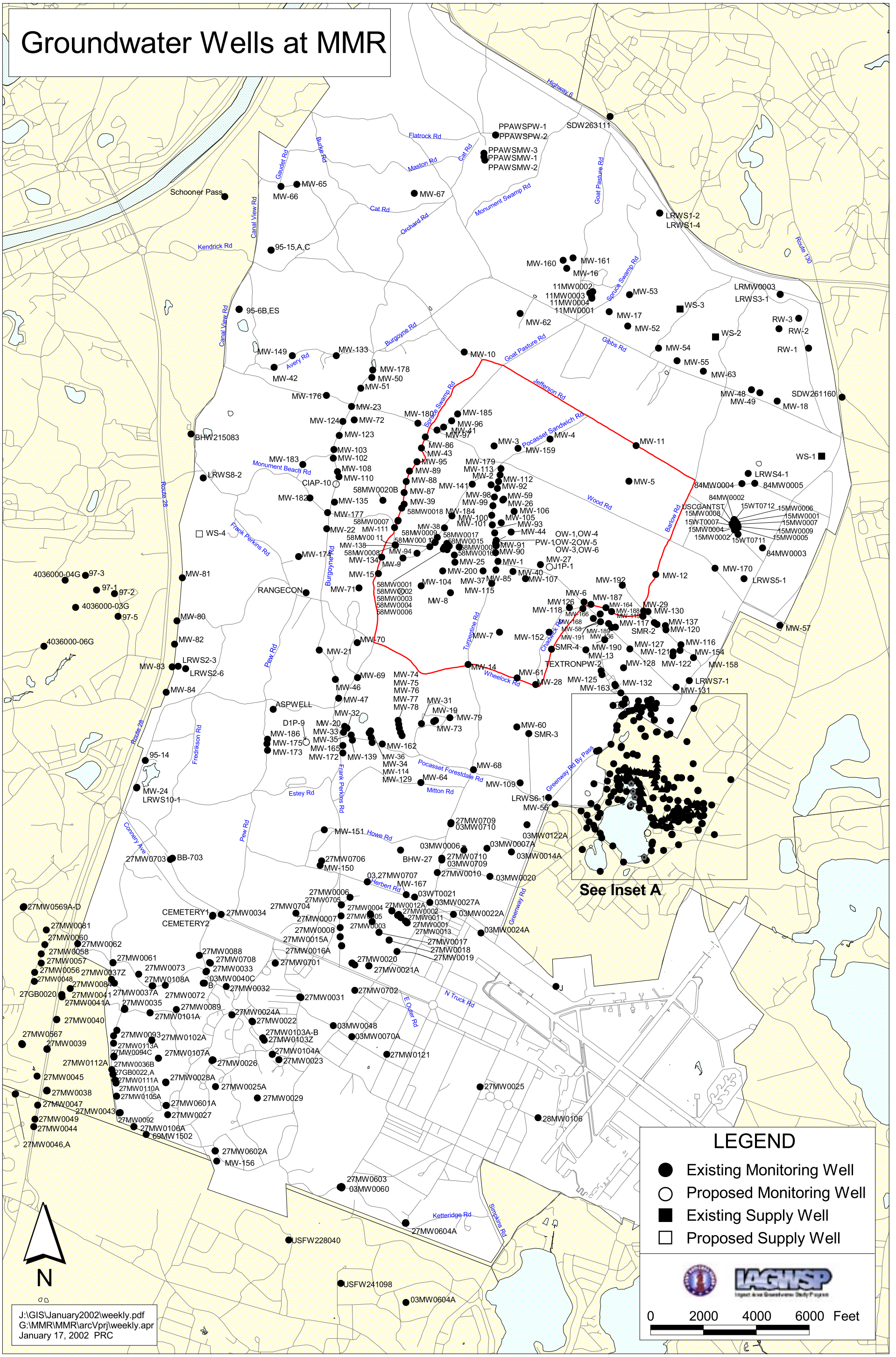
BWTE = Depth below water table, end depth, measured in feet

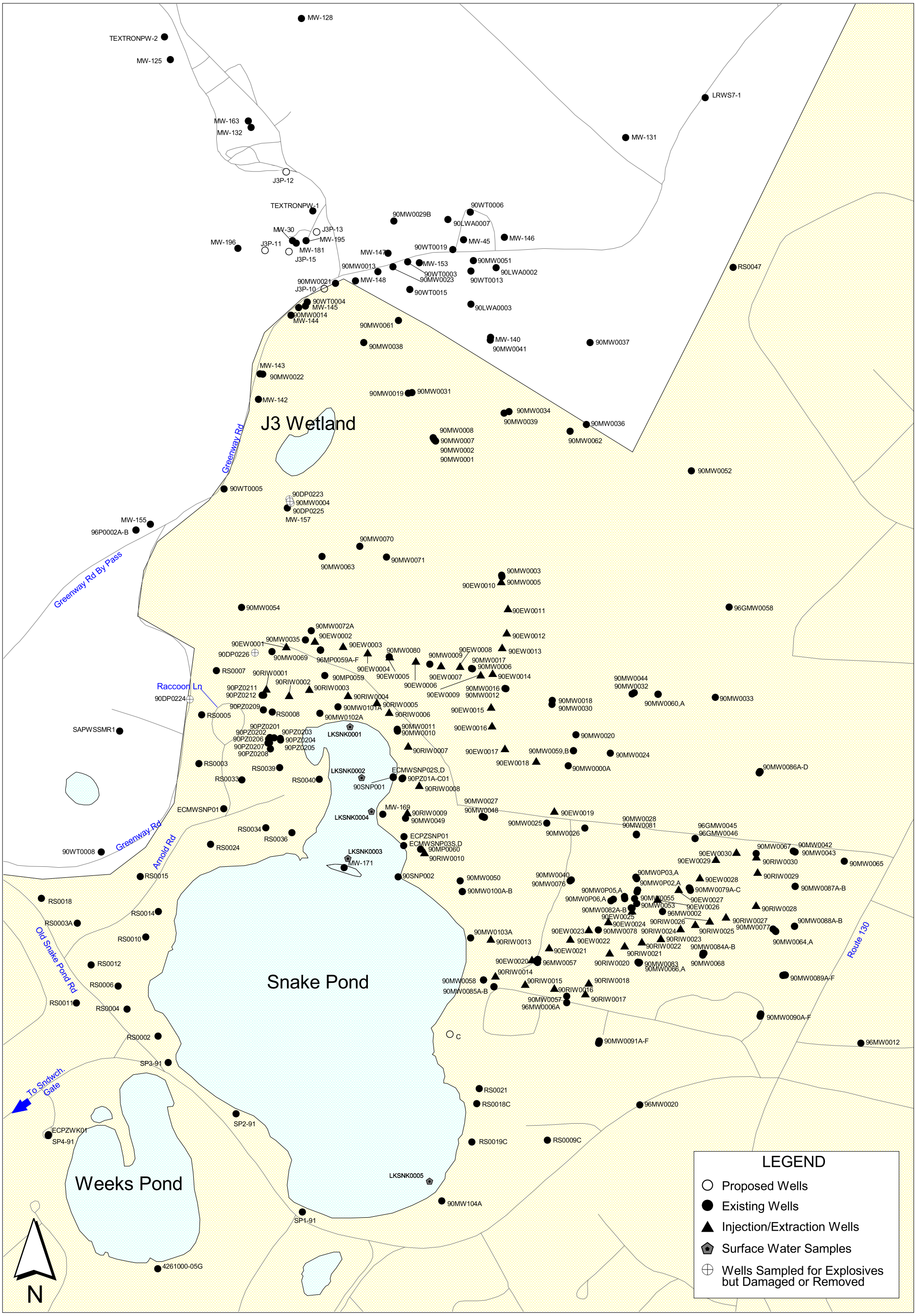
TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 01/12/02 - 01/18/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W75M2A	MW-75	01/07/2002	GROUNDWATER	115.00	125.00	34.00	44.00	8330NX	2-NITROTOLUENE	YES*
W75M2A	MW-75	01/07/2002	GROUNDWATER	115.00	125.00	34.00	44.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W76M2A	MW-76	01/07/2002	GROUNDWATER	105.00	115.00	38.00	48.00	8330NX	2-NITROTOLUENE	YES*
W76M2A	MW-76	01/07/2002	GROUNDWATER	105.00	115.00	38.00	48.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W76M2A	MW-76	01/07/2002	GROUNDWATER	105.00	115.00	38.00	48.00	8330NX	HEXAHYDRO-1-MONONITROSO-	YES
W76M2A	MW-76	01/07/2002	GROUNDWATER	105.00	115.00	38.00	48.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W94M1A	MW-94	01/08/2002	GROUNDWATER	160.00	170.00	36.00	46.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W94M1D	MW-94	01/08/2002	GROUNDWATER	160.00	170.00	36.00	46.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W94M2A	MW-94	01/08/2002	GROUNDWATER	140.00	150.00	16.00	26.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G201DAA	MW-201	01/15/2002	PROFILE	200.00	200.00	4.40	4.40	8330N	2,6-DINITROTOLUENE	YES
G201DAA	MW-201	01/15/2002	PROFILE	200.00	200.00	4.40	4.40	8330N	2-NITROTOLUENE	YES*
G201DAA	MW-201	01/15/2002	PROFILE	200.00	200.00	4.40	4.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G201DAA	MW-201	01/15/2002	PROFILE	200.00	200.00	4.40	4.40	8330N	PICRIC ACID	NO
G201DFA	MW-201	01/15/2002	PROFILE	250.00	250.00	54.40	54.40	8330N	2,6-DINITROTOLUENE	YES
G201DFA	MW-201	01/15/2002	PROFILE	250.00	250.00	54.40	54.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G201DHA	MW-201	01/16/2002	PROFILE	270.00	270.00	74.40	74.40	8330N	2-NITROTOLUENE	YES*
G201DHA	MW-201	01/16/2002	PROFILE	270.00	270.00	74.40	74.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G201DHA	MW-201	01/16/2002	PROFILE	270.00	270.00	74.40	74.40	8330N	PICRIC ACID	NO
G201DIA	MW-201	01/16/2002	PROFILE	280.00	280.00	84.40	84.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G201DJA	MW-201	01/16/2002	PROFILE	290.00	290.00	94.40	94.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G201DKA	MW-201	01/16/2002	PROFILE	300.00	300.00	104.40	104.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G201DLD	MW-201	01/16/2002	PROFILE	310.00	310.00	114.40	114.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G201DLD	MW-201	01/16/2002	PROFILE	310.00	310.00	114.40	114.40	8330N	NITROGLYCERIN	NO
G201DNA	MW-201	01/16/2002	PROFILE	330.00	330.00	134.40	134.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G201DNA	MW-201	01/16/2002	PROFILE	330.00	330.00	134.40	134.40	8330N	NITROGLYCERIN	NO
G201DSA	MW-201	01/17/2002	PROFILE	380.00	380.00	184.40	184.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
HDJ3200003RPE2	3200003RPE	01/10/2002	SOIL GRID	0.00	0.25			8330N	2-AMINO-4,6-DINITROTOLUENE	YES

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.
SBD = SAMPLE COLLECTION BEGIN DEPTH IN FEET BGS
SED = SAMPLE COLLECTION END DEPTH IN FEET BGS
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

Groundwater Wells at MMR





0 600 1200 Feet

Inset A

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January 17, 2002 PRC