WEEKLY PROGRESS UPDATE
FOR FEBRUARY 4 – FEBRUARY 8, 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 February 4 to February 8, 2002.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of February 8 is summarized in Table 1.

Table 1. Drilling progress as of February 8, 2002

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-202	Central Impact Area (CIAP-15)	329	185	

bgs = below ground surface
bwt = below water table

Completed drilling of MW-202 (CIAP-15). Continued well development for newly installed wells.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-202. Groundwater sampling of preliminary rounds for recently installed Demo 1, J-2 Range, J-3 Range, and Central Impact Area wells continued. Groundwater samples were collected from a residential well. Water samples were collected from the GAC treatment system. Soil samples were collected from polygons in the J-2 Range and from grids at the RRA Containment Pad (Scrap metal staging area). Post-excavation soil samples were collected from BIP crater excavations in the J-2 Range. Post-detonation soil samples were collected from crater grids in the Central Impact Area.

As part of the Munitions Survey Project, pre-detonation and post-detonation soil samples were collected from Transects 3 and 4 in HUTA2.

The Guard, EPA, and MADEP had a meeting on February 7 to discuss technical issues, including the following:

Attendees

Ben Gregson (IAGWSPO)	CPT Bill Myer (IAGWSPO)	Dave Hill (IAGWSPO)
Karen Wilson (IAGWSPO)	Bill Gallagher (IAGWSPO)	Tina Dolen (IAGWSPO)
Kristina Curley (IAGWSPO)	LTC Bill FitzPatrick (MAARNG)	COL Albert Bleakley (JPO)
Todd Borci (EPA-phone)	Jane Dolan (EPA)	Mike Jasinski (EPA)
Desiree Moyer (EPA)	Jim Murphy (EPA)	Len Pinaud (MADEP)
Mark Panni (MADEP)	Darrell Deleppo (ACE)	Gina Tyo (ACE)
Ed Wise (ACE)	Heather Sullivan (ACE)	Ellen Iorio (ACE)
Rob Foti (ACE)	John MacPherson (ACE)	Marc Grant (AMEC)
Kim Harriz (AMEC)	Jay Clausen (AMEC - phone)	Mark Applebee (AMEC)
Herb Colby (AMEC – phone)	Susan Stewart (Tetra Tech-phone)	Larry Hudgins (Tetra Tech)
Leo Montroy (Tetra Tech-phone)	Dave Williams (MDPH)	Adam Balogh (TRC-phone)

Punchlist Items

#2 Provide PZ208 analyses results (AMEC). Explosives were non detect. Perchlorate results to be provided by 02/28.

#8 Provide List of UXO too large to be detonated in CDC (Corps). List provided. Eight items, as specified on the list, are still being evaluated by the Huntsville District Corps for potential destruction in the CDC.

#9 Provide approval of comments on the MSP3 Central Impact Area Workplan (EPA/DEP). Verbal approval received from EPA to proceed.

#11 Provide feedback on recommendation for MW-181 RAD analyses (EPA). EPA asked that the final course of action be summarized in an email to include analyses turn-around-times. EPA gave their verbal approval to complete analyses as proposed: Profile water for Radium-226 and 228; Thorium 228, 230, and 232; and Radon-222. The radium samples have a 30-day TAT and the radon has a 14-day TAT. Profile soil sample for Radium-226 and 228 and Thorium 228, 230, and 232. The radium samples have a 30-day TAT and the thorium samples have a 14-day TAT.

#12 Provide feedback on Guard's 01/12/02 letter proposal to discontinue routine Pesticide/PCB groundwater analyses (EPA). Written comment to be provided by 02/14. EPA requested that PCB analyses be retained for wells at the SE Corner of the Ranges, since there have been detections of PCBs in some wells on these ranges. Otherwise, EPA viewed the proposal as acceptable. AMEC to see if cost savings is achieved by excluding Pesticides from the Pesticide/PCB analysis.

#13 Provide particle backtrack from MW-80 to locate potential perchlorate source (Corps). Particle backtrack distributed. Backtrack passes through the north edge of MP-4 along the line with MW-70 and terminates at the north end of Cleared Area 12. The Guard proposes to do soil sampling at Cleared Area 12 as part of the Phase IIb scope of work, but not to do sampling for perchlorate at MP-4, particularly because perchlorate was not detected in samples from MW-70S. EPA to review information and consider the Guard's proposal.

#14 Provide analyses results from BA-1 electron tube wipe sample (Tetra Tech). Wipe sample was non detect for PCBs. Ellen Iorio (ACE) to check to see if EPA has been sent all soil results. In the interim, BA-1 Letter Report is expected to be submitted 2/13/02.

Munitions Survey Project Update

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

AirMag. Excavation of anomalies to begin on 2/11, beginning with 17 approved anomalies, beginning in Area 4. Excavation schedule is forthcoming; expected finish date is week ending 4/05/02.

HUTA2. Transects 1&5 –QA magnetometer survey, to be completed with Nick Iaiennaro (ACE), is pending. Exclusion zone will need to be established for survey. Transect 2 – All EM61 anomalies excavated. Schonstedt clearance survey was completed for 2.5 grids. Stopped for well installation. Transect 3 – Continued excavation of anomalies. Anomalies have been excavated for 7 grids, of these grids, 5 have been surveyed using the Schonstedt. Work to be terminated today. Transect 4 – Continuing excavation of anomalies – excavation and Schonstedt clearance survey completed for 14 grids. BIPs Scheduled for 02/07 – 105mm HEAT M509 PIBD Fuze at Transect 3. 155mm HE M51 Series PD Fuze and 81mm Mortar HE M43 with Unknown Fuze at Transect 4

J Range Polygons. Excavation of J-1 Range Polygons 2-5 that require notification to the town of Sandwich have been completed. No UXO burials have been found only concrete pads, metal debris and trash have been uncovered. Currently excavating J-1 Range Polygon 1. J-2 Range Polygons 17-35 investigation will follow and then J-3 Range Polygons. Tetra Tech is working on blast shields to utilize during excavations to increase safety.

Eastern MSP. ROA for grubbing and clearing approved 1/28. EPA provided verbal approval to begin grubbing tomorrow 02/08. Awaiting approval to begin excavations.

Scar Site. ROA approved. Grubbing to begin next week.

U Range. ROA approved. Work to begin in the near future. Corps is coordinating with AMEC for sampling.

BA-1 Disposal Site. Report to be submitted 2/13/02.

ROA Summary

Karen Wilson (IAGWSPO) reviewed Record of Actions submitted or pending submission to Natural Heritage.

- ROA has not been submitted for well to be located at soil washing pad.
- Eastern MSP ROA for excavation activities is outstanding.
- ROAs for proposed well CIAP-14 through CIAP–24 have been approved. ROA for CIAP-17 dictates the construction of a temporary road, avoidance of all mature trees and removal of road following well installation.
- Location for CIAP-11 has been revised; the ROA has yet to be submitted.
- ROA for CIAP-12 will need to be revised based on final proposed location. CIAP-12 will likely be accessed from a 700 + foot road built off of MW-107. Len Pinaud (MADEP) questioned the need for this well, considering that it is to be located in prime endangered species habitat. Jay Clausen (AMEC) stressed that this well is required to define the upgradient extent of contamination, assess the interaction of the Central Impact Area and J Range plumes, and may be critical to the design of a remedy. Mike Jasinski (EPA) pointed out that as a compromise to preserve natural resources, EPA previously agreed that CIAP-13 could be dropped from consideration in deference to the proposed location for CIAP-12.
- Mike Nelson is new contact for Guard/IAGWSP at Natural Heritage.

MCP Coordination Update

Bill Gallagher (IAGWSPO) outlined issues related to ensuring that the IAGWSP documents meet the MCP requirements.

- The Guard is working out a process to comply with requirements of Phase I and Phase II MCP submittals. RCS-1 standards will be referenced in Phase I documents and Method 1 standards will be referenced in Phase II documents.

- Todd Borci (EPA) indicated that the agreement had been that RCS-1 exceedances can be summarized in the text and in a table in an appendix to a report. However, the RCS-1 values should not be used for purposes of risk screening, as they are for reporting purposes to DEP only.
- The Guard, MADEP and EPA concurred that exceedances resulting in a MCP reportable condition could be addressed in a separate paragraph or section of a Report that would serve as a Phase I submittal. The Guard had also committed to notify the MADEP every 90 days of new RCS-1 exceedances, separate from report submittals.
- The Guard and MADEP concurred that the Final Report would be considered the MCP submittal. Per the MCP process, MADEP would review the Final Report and provide a formal MCP comment. However, the MADEP would informally provide "compliance assistance" on any prior draft report submitted by the Guard, if it was identified as contributing to a future MCP submittal. In this way, the formal comment on the Final MCP submittal should be minimal.
- Regarding the Demo 1 Area Ecological Risk Assessment Workplan, recent EPA comments indicated that they did not view the MCP Stage 1 Risk-screening criteria of visual evidence of stressed condition to vegetation as an adequate method to assess potential impacts. EPA would like to make the Eco-Risk Screening process consistent base wide. Len Pinaud (MADEP) indicated that EPA could provide additional comment or requirements to MCP requirements as they saw necessary. Mike Jasinski (EPA) requested that a list be prepared showing where EPA's requirements exceeded the MCP requirements relative to Eco-Risk Screening. These issues to be resolved during comment resolution on the Workplan.
- Regarding BIP sampling and removal, the Guard proposed to remove all soil that exceeded RCS-1 criteria (not just explosive-impacted soil). Therefore, they would like to report all data (VOCs, SVOCs, explosives and total metals) at one time. The standard turn around time for these analyses would be 30 days. EPA requested that this new approach be submitted in a Workplan to include the pre-BIP sampling protocol. Ben Gregson (IAGWSPO) indicated that RCS-1 standards applied to the BIP crater soil removals as opposed to Method-1 Standards because the removals were less than 2 cubic yards and as such were considered a Limited Soil Removal. There was no MCP requirement to report the removal, but all the documentation regarding the removal was still required to be maintained.
- Len Pinaud requested that the MCP coordination be added to the agenda as a monthly Tech meeting discussion.

Sandwich Boiling Springs Well

- Ben Gregson (IAGWSPO) indicated that this well located at Town Hall in Sandwich consists of a pipe coming out of a box. The well was included on a list of DEP-approved water supply wells. The Guard is proposing to sample the spring water for explosives and perchlorate analyses.
- Mark Panni (MADEP) to follow-up with the DEP Water Supply Section regarding correct well name, list of routine sampling parameters and past results.
- Update to be provided at next Tech meeting.

MW-187

Herb Colby (AMEC) reviewed preliminary (unvalidated) results of VOC, SVOC, and explosive data for MW-187D that were distributed at the meeting.

- This well is screened at 200-210 ft bwt, just above bedrock. Elevated levels of benzene, toluene, ethylbenzene, xylene, naphthalene and other VOC/SVOCs were detected in recently collected groundwater samples. Benzene and naphthalene were detected in concentrations in excess of MCLs. These results were not consistent with profile sample results.

- AMEC recommended analyzing the residual sample volume from the original groundwater sample for EPH/VPH and petroleum hydrocarbons (modified Method 8015). The modified Method 8015 analysis will allow for fingerprinting of the sample for comparison to other petroleum-like materials (PLM), fuels and lubricants that were fingerprinted as part of the PLM study. This well is downgradient of the J-1 Range water table mound and in the vicinity of MW-164 where the PLM was initially encountered.
- AMEC also recommended resampling and analyses for VOCs, SVOCs and EPH/VPH and collection of additional sample volume for petroleum hydrocarbon fingerprinting as warranted.
- EPA approved the analysis and requested that resampling paramenters include explosives.
- Punchlist item to be added to track follow-on analyses.

IART Agenda and Action items

Tina Dolen (IAGWSPO) reviewed the agenda for the February IART meeting.
Topics were discussed among the Tech meeting team and set as listed:

6:15pm	Review Action Items
6:30pm	Late Breaking News (none to date)
6:35pm	Investigation Update (Handout A)
	Recent Detections (include all perchlorate and MW-187 detections)
	J Range Polygon Update
7:35pm	Break
7:45pm	HUTAII
	Scope of work/objectives
	Summary of findings to date (#UXO excavated/details)
8:25pm	Bourne Far Field Wells (MW-80, MW-84)
	to answer question: Are detections at these well going to impact Bourne Water Supply wells?
	Summarize MW-80 and MW-84 detections
	Present data for Bourne Wells/sentry wells
	Discuss Modeling Results/fate and transport
	Guard's plan of action
8:35pm	Open Discussion
	Prescribed Burn Permit

Future Agenda Items: Base Water Supply Wells, WS-1, 2, 3. March IART; Fate and Transport Presentation, March IART; Fate and Transport Study discussion to be held as After Meeting for Tech meeting, invite Jim Stahl to attend; Gun and Mortar Firing Positions Workplan, April IART.
Meeting with Bourne Water Superintendent, Ralph Marks – 02/11 at 1pm.
Action Items distributed. Comments on Action Items due by 02/13.

Demo 1 Area Plume Delineation Schedule

Dave Hill (IAGWSPO) and Mark Applebee (AMEC) reviewed schedule items.

- UXO clearance for the road is scheduled to commence by 02/11; drilling for D1P-9 scheduled to begin 03/19.
- A revised schedule for the Demo 1 Groundwater FS was distributed along with an email explaining changes that were made based on discussions among the Guard, the Corps, AMEC, EPA, and MADEP in a 2/04/02 conference call. As presented, the Demo 1 Area GW FS is scheduled for agency submittal on 11/27/02.
- Mike Jasinski (EPA) requested that the Guard propose enforceable milestones for execution of this schedule. Ben Gregson (IAGWSPO) maintained that they are not needed, because the schedule is a high priority for the Guard and would be executed as stated unless various

obstacles (not within the Guard's control) are encountered. In those cases, extension requests would be submitted to the agencies.
- With the EPA's insistence on the need for enforceable milestones, the Guard expressed that the only milestone that was reasonable would be an installation date (04/09) of monitoring well D1P-9, the results of which would dictate the remaining schedule. If required, the submittal dates for the Demo 1 GW Report Draft Addendum (MCP Phase II) of 09/16 and the Draft Final Feasibility Study Report (MCP Phase III) of 11/27 would be the next likely candidates for enforceable milestones.
- EPA to consider these dates and the Guard's recommendations and provide feedback to the Guard prior to the Guard proposing these dates as enforceable milestones in a formal letter.

Demo 1 Area Soil Operable Unit

Dave Hill (IAGWSPO) and Mark Applebee (AMEC) reviewed issues relative to the Demo 1 Area Soil OU,
- Currently there are three ongoing investigations that pertain to the soil OU at Demo 1. These include a post-screening investigation (PSI) addressing the area outside the kettle hole at Demo 1; an MCP EcoRisk Assessment for which a Workplan is under review by the agencies, and evaluation of PCNs/Dyes/Perchlorate in soil. Concomitantly, a Draft Final Soil Report has been submitted and commented on by EPA. DEP is preparing comments to this report.
- The Guard would prefer to delay the finalizing of the Draft Report to wrap the results of these ongoing investigations into the report, which would include a final COC list.
- Within this revised Draft Final Report, the Guard would recommend a Rapid Response Action (RRA) or the Feasibility Study (FS) track for addressing soil remediation. The objective of the RRA would be to complete remediation without needing to go through the FS process. Mike Jasinski commented that it was also possible that the kettle hole portion (center) part of the Demo 1 area could be addressed as an RRA immediately, while at the same time the surrounding area could be incorporated separately in the FS process.
- Mike Jasinski requested that the Guard provide a detailed schedule for the Soil Report with dates and an explanation of what data would be incorporated into the report.

Schedule and Documents

Marc Grant (AMEC) reviewed the document and schedule status. Important outstanding items were addressed as follows:

Documents Having Comments

IAGWSP Phase I CWR and 1999 Interim Results Report – Todd Borci indicated that the EPA did not want letters stating that these reports would not be finalized, issued as an MOR. EPA's intent was not to respond to these letters. These letters should be rephrased specifying that the Guard, MADEP, and EPA agreed on this course of action and submitted to the project file.

Gun and Mortar Revised Draft Final Report (TM 01-14) – DEP to provide comment on report. EPA to review status of MOR.

Demo 1 GW FS (TM 01-17) – Additional input from EPA will be emailed by Mike Jasinski prior to draft of MOR.

CDC Test Results Report – Todd Borci to indicate whether Resolution Meeting can be held on 02/14. Verbal approval received in January and operation of CDC will commence next week.

Demo 1 Ecological Risk Assessment Workplan – Resolution meeting scheduled for 2/14.

Revised Demo 1 Soil Report (TM 01-10) – Resolution meeting scheduled for 2/21.

Documents Needing Comments

Training Areas FSP – There is an April 1 enforceable milestone to start work. This date cannot be met because comments on FSP have not been received.

Draft Revised ASR – EPA comments expected on 2/28.

HUTA Report – EPA comments expected on 2/14.
Supplemental Phase 2b Workplan – EPA comments expected 2/11.
UXO Interim Screening Report – 04/11 enforceable milestone for the final report cannot be met because comments on the draft report have not been received. EPA comments expected on 2/21. Electronic copy to be forwarded to Len Pinaud, ASAP.

Extension Requests

J1J3L Range Additional Delineation Report – EPA requested that Guard wait for RCL for 2nd Workplan prior to submitting request.

- Todd Borci requested that extension requests for the J1J3L Ranges Report, revised Demo 1 FSSR (TM 01-12), UXO FSSR, Training Areas Fieldwork and Central Impact Area MSP3 sites (per Ellen Iorio) be wrapped into a single request.

Miscellaneous

- Todd Borci (EPA) agreed with the Guard that sampling around the recently discovered potential demolition area at Former A Range was warranted, to be included as part of the Phase IIb Supplemental Workplan scope of work. EPA is reviewing the analytical data to determine if additional sampling is necessary at the former firing point. If explosives were detected, additional sampling may be requested. EPA to review as-built drawings, aerial photographs, and address this issue in comments to be submitted on the Former A Range Report.
- AMEC to forward electronic copy of Fate and Transport Report to Adam Balogh.
- Todd Borci (EPA) requested that previous ASR interviews be reviewed to develop a list of people knowledgeable of the BOMARC site, for possible follow-on interviews.

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, as well as any analyses pursuant to a special request. The rush data are not validated, but are provided as an indication of the most recent preliminary results. Table 3 summarizes only detects, and does not show samples with non-detects.

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

- Groundwater samples from MW-184M1 (Central Impact Area), MW-187M1 (J-1 Range) and MW-191M1, M2 (J-1 Range) had detections of RDX and HMX that were confirmed by PDA spectra. This is the first time these wells have been sampled.

- Groundwater samples from MW-187D (J-1 Range) had detections of 1,1-dichloroethane, acetone, benzene, bromomethane, chlorobenzene, chloroethane, chloromethane, ethylbenzene, 2-butanone, methylene chloride, toluene, vinyl chloride, xylenes, 2-

methylnaphthalene, 4-methylphenol, acenaphthylene, di-n-butyl phthalate, fluorene, n-nitrosodiphenylamine, naphthalene, phenanthrene and phenol. This is the first time this well has been sampled.

- Groundwater samples from MW-114M1 (Demo Area 1), MW-129M1 (Demo Area 1), and MW-171M2 (Snake Pond) had detections of RDX that were confirmed by PDA spectra. The detections were similar to previous sampling rounds.

- Groundwater samples from MW-91S (Central Impact Area) had detections of 2A-DNT, 4A-DNT, RDX and HMX that were confirmed by PDA spectra. The detections were similar to previous sampling rounds.

- Groundwater profile samples from MW-202 (CIAP-15) had detections of 2,4-DNT (1 interval), 2,6-DNT (1 interval), 2A-DNT (1 interval), 2-nitrotoluene (5 intervals), 4-nitrotoluene (2 intervals), RDX (5 intervals), nitrobenzene (2 intervals), nitroglycerin (5 intervals), PETN (1 interval), and picric acid (2 intervals). Two detections of RDX were confirmed by PDA spectra, but with interference.

3. DELIVERABLES SUBMITTED

January 2002 Monthly Progress Report	02/08/02
Weekly Progress Update for January 28 – February 1, 2002	02/08/02

4. SCHEDULED ACTIONS

Scheduled actions for the week of February 11 include complete well installation of MW-202 (CIAP-15), commence drilling of MW-203 (CIAP-20), MW-205 (CIAP-16), and MW-204 (CIAP-22) and continue J-2 Polygon soil sampling.

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 the first proposed monitoring well, D1P-9, is scheduled to commence the second week of February. Subsequent locations have been proposed and the next location will be selected and approved based on the profile results at D1P-9.

TABLE 2
SAMPLING PROGRESS
02/02/2002 - 02/08/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
T3.A.0A.004.1.0	T3.0A.004.R	02/07/2002	CRATER GRID	1.00	1.25		
T3.A.0A.004.2.0	T3.0A.004.R	02/07/2002	CRATER GRID	1.00	1.25		
T3.A.0A.004.3.0	T3.0A.004.R	02/07/2002	CRATER GRID	1.00	1.25		
T3.A.0B.100.1.0	T3.0B.100.R	02/07/2002	CRATER GRID	0.08	0.33		
T3.A.0B.100.2.0	T3.0B.100.R	02/07/2002	CRATER GRID	0.08	0.33		
T3.A.0B.100.3.0	T3.0B.100.R	02/07/2002	CRATER GRID	0.08	0.33		
T3.A.0F.100.1.0	T3.0F.100.R	02/07/2002	CRATER GRID	0.08	0.33		
T3.A.0F.100.2.0	T3.0F.100.R	02/07/2002	CRATER GRID	0.08	0.33		
T3.A.0F.100.3.0	T3.0F.100.R	02/07/2002	CRATER GRID	0.08	0.33		
T3.A.0K.001.1.0	T3.0K.001.R	02/07/2002	CRATER GRID	0.17	0.42		
T3.A.0K.001.2.0	T3.0K.001.R	02/07/2002	CRATER GRID	0.17	0.42		
T3.A.0K.001.3.0	T3.0K.001.R	02/07/2002	CRATER GRID	0.17	0.42		
T4.A.0K.008.1.0	T4.0K.008.R	02/07/2002	CRATER GRID	0.50	0.75		
T4.A.0K.008.2.0	T4.0K.008.R	02/07/2002	CRATER GRID	0.50	0.75		
T4.A.0K.008.3.0	T4.0K.008.R	02/07/2002	CRATER GRID	0.50	0.75		
T4.A.0L.009.1.0	T4.0L.009.R	02/07/2002	CRATER GRID	1.50	1.75		
T4.A.0L.009.2.0	T4.0L.009.R	02/07/2002	CRATER GRID	1.50	1.75		
T4.A.0L.009.3.0	T4.0L.009.R	02/07/2002	CRATER GRID	1.50	1.75		
G202DIE	FIELDQC	02/04/2002	FIELDQC	0.00	0.00		
G202DQE	FIELDQC	02/05/2002	FIELDQC	0.00	0.00		
HC101ON1AAE	FIELDQC	02/07/2002	FIELDQC	0.00	0.00		
HC101ON2BAE	FIELDQC	02/07/2002	FIELDQC	0.00	0.00		
HC101OT1CAE	FIELDQC	02/05/2002	FIELDQC	0.00	0.00		
HC101OW1CAE	FIELDQC	02/04/2002	FIELDQC	0.00	0.00		
HC101OX1CAE	FIELDQC	02/06/2002	FIELDQC	0.00	0.00		
HC101OZ1AAE	FIELDQC	02/08/2002	FIELDQC	0.00	0.00		
HD101ON2BAE	FIELDQC	02/07/2002	FIELDQC	0.00	0.00		
HD101ON2BAT	FIELDQC	02/07/2002	FIELDQC	0.00	0.00		
HD101OW4AE	FIELDQC	02/04/2002	FIELDQC	0.00	0.00		
HD101OW4BAT	FIELDQC	02/04/2002	FIELDQC	0.00	0.00		
W163SST	FIELDQC	02/05/2002	FIELDQC	0.00	0.00		
W195SSE	FIELDQC	02/08/2002	FIELDQC	0.00	0.00		
W195SST	FIELDQC	02/08/2002	FIELDQC	0.00	0.00		
W196M1E	FIELDQC	02/07/2002	FIELDQC	0.00	0.00		
1CUSHINGST	1CUSHINGST	02/07/2002	GROUNDWATER	0.00	0.00		
W114M2A	MW-114	02/06/2002	GROUNDWATER	120.00	130.00	39.00	49.00
W114M2D	MW-114	02/06/2002	GROUNDWATER	120.00	130.00	39.00	49.00
W120SSA	MW-120	02/06/2002	GROUNDWATER	103.00	113.00	0.00	10.00
W130SSA	MW-130	02/06/2002	GROUNDWATER	103.00	113.00	0.00	10.00
W132SSA	MW-132	02/05/2002	GROUNDWATER	37.00	47.00	0.00	10.00
W163SSA	MW-136	02/05/2002	GROUNDWATER	38.00	48.00	0.00	10.00
W165M1A	MW-165	02/07/2002	GROUNDWATER	184.50	194.50	106.00	116.00
W172M1A	MW-172	02/08/2002	GROUNDWATER	199.00	209.00	133.00	134.00

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
02/02/2002 - 02/08/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W172M2A	MW-172	02/08/2002	GROUNDWATER	169.00	179.00	104.00	114.00
W172M3A	MW-172	02/08/2002	GROUNDWATER	109.00	119.00	44.00	54.00
W172M3D	MW-172	02/08/2002	GROUNDWATER	109.00	119.00	42.80	52.80
W180M3A	MW-180	02/05/2002	GROUNDWATER	171.00	181.00	10.30	20.30
W188SSA	MW-188	02/07/2002	GROUNDWATER	109.00	119.00	0.00	10.00
W195SSA	MW-195	02/08/2002	GROUNDWATER	34.00	39.00	0.00	10.00
W196M1A	MW-196	02/06/2002	GROUNDWATER				
W196SSA	MW-196	02/07/2002	GROUNDWATER	32.00	37.00	0.00	10.00
DW020802	GAC WATER	02/08/2002	IDW				
G202DDA	MW-202	02/04/2002	PROFILE	180.00	180.00	36.00	36.00
G202DEA	MW-202	02/04/2002	PROFILE	190.00	190.00	46.00	46.00
G202DFA	MW-202	02/04/2002	PROFILE	200.00	200.00	56.00	56.00
G202DGA	MW-202	02/04/2002	PROFILE	210.00	210.00	66.00	66.00
G202DHA	MW-202	02/04/2002	PROFILE	220.00	220.00	76.00	76.00
G202DIA	MW-202	02/04/2002	PROFILE	230.00	230.00	86.00	86.00
G202DJA	MW-202	02/04/2002	PROFILE	240.00	240.00	96.00	96.00
G202DJD	MW-202	02/04/2002	PROFILE	240.00	240.00	96.00	96.00
G202DKA	MW-202	02/04/2002	PROFILE	250.00	250.00	106.00	106.00
G202DLA	MW-202	02/04/2002	PROFILE	260.00	260.00	116.00	116.00
G202DMA	MW-202	02/04/2002	PROFILE	270.00	270.00	126.00	126.00
G202DNA	MW-202	02/04/2002	PROFILE	280.00	280.00	136.00	136.00
G202DOA	MW-202	02/05/2002	PROFILE	290.00	290.00	146.00	146.00
G202DPA	MW-202	02/05/2002	PROFILE	300.00	300.00	156.00	156.00
G202DQA	MW-202	02/05/2002	PROFILE	310.00	310.00	166.00	166.00
G202DRA	MW-202	02/05/2002	PROFILE	320.00	320.00	176.00	176.00
G202DSA	MW-202	02/05/2002	PROFILE	329.00	329.00	185.00	185.00
HC101ODA1AAA	101OD	02/05/2002	SOIL GRID	0.00	0.25		
HC101ODA1BAA	101OD	02/05/2002	SOIL GRID	0.25	0.50		
HC101ODA1CAA	101OD	02/05/2002	SOIL GRID	0.50	1.00		
HC101OE1AAA	101OE	02/07/2002	SOIL GRID	0.00	0.25		
HC101OE1BAA	101OE	02/07/2002	SOIL GRID	0.25	0.50		
HC101OE1CAA	101OE	02/07/2002	SOIL GRID	0.50	1.00		
HC101OH1AAA	101OH	02/07/2002	SOIL GRID	0.00	0.25		
HC101OH1BAA	101OH	02/07/2002	SOIL GRID	0.25	0.50		
HC101OH1CAA	101OH	02/07/2002	SOIL GRID	0.50	1.00		
HC101OJ1AAA	101OJ	02/07/2002	SOIL GRID	0.00	0.25		
HC101OJ1BAA	101OJ	02/07/2002	SOIL GRID	0.25	0.50		
HC101OJ1CAA	101OJ	02/07/2002	SOIL GRID	0.50	1.00		
HC101ON1AAA	101ON	02/07/2002	SOIL GRID	0.00	0.25		
HC101ON1BAA	101ON	02/07/2002	SOIL GRID	0.25	0.50		
HC101ON1CAA	101ON	02/07/2002	SOIL GRID	0.50	1.00		
HC101OO1AAA	101OO	02/05/2002	SOIL GRID	0.00	0.25		
HC101OO1BAA	101OO	02/05/2002	SOIL GRID	0.25	0.50		
HC101OO1CAA	101OO	02/05/2002	SOIL GRID	0.50	1.00		

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
02/02/2002 - 02/08/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC101OP1AAA	101OP	02/06/2002	SOIL GRID	0.00	0.25		
HC101OP1BAA	101OP	02/06/2002	SOIL GRID	0.25	0.50		
HC101OP1CAA	101OP	02/06/2002	SOIL GRID	0.50	1.00		
HC101OQ1AAA	101OQ	02/05/2002	SOIL GRID	0.00	0.25		
HC101OQ1BAA	101OQ	02/05/2002	SOIL GRID	0.25	0.50		
HC101OQ1CAA	101OQ	02/05/2002	SOIL GRID	0.50	1.00		
HC101OR1AAA	101OR	02/06/2002	SOIL GRID	0.00	0.25		
HC101OR1BAA	101OR	02/06/2002	SOIL GRID	0.25	0.50		
HC101OR1CAA	101OR	02/06/2002	SOIL GRID	0.50	1.00		
HC101OS1AAA	101OS	02/08/2002	SOIL GRID	0.00	0.25		
HC101OS1AAD	101OS	02/08/2002	SOIL GRID	0.00	0.25		
HC101OT1AAA	101OT	02/05/2002	SOIL GRID	0.00	0.25		
HC101OT1BAA	101OT	02/05/2002	SOIL GRID	0.25	0.50		
HC101OT1CAA	101OT	02/05/2002	SOIL GRID	0.50	1.00		
HC101OV1AAA	101OV	02/06/2002	SOIL GRID	0.00	0.25		
HC101OV1AAD	101OV	02/06/2002	SOIL GRID	0.00	0.25		
HC101OV1BAA	101OV	02/06/2002	SOIL GRID	0.25	0.50		
HC101OV1CAA	101OV	02/06/2002	SOIL GRID	0.50	1.00		
HC101OW1AAA	101OW	02/04/2002	SOIL GRID	0.00	0.25		
HC101OW1BAA	101OW	02/04/2002	SOIL GRID	0.25	0.50		
HC101OW1CAA	101OW	02/04/2002	SOIL GRID	0.50	1.00		
HC101OX1AAA	101OX	02/06/2002	SOIL GRID	0.00	0.25		
HC101OX1BAA	101OX	02/06/2002	SOIL GRID	0.25	0.50		
HC101OX1CAA	101OX	02/06/2002	SOIL GRID	0.50	1.00		
HC101OY1AAA	101OY	02/07/2002	SOIL GRID	0.00	0.25		
HC101OY1BAA	101OY	02/07/2002	SOIL GRID	0.25	0.50		
HC101OY1CAA	101OY	02/07/2002	SOIL GRID	0.50	1.00		
HC101OZ1AAA	101OZ	02/08/2002	SOIL GRID	0.00	0.25		
HC101OZ1BAA	101OZ	02/08/2002	SOIL GRID	0.25	0.50		
HC101OZ1CAA	101OZ	02/08/2002	SOIL GRID	0.50	1.00		
HCA02040201AA	A02040201	02/08/2002	SOIL GRID	0.00	0.25		
HD101ON2BAA	101IN	02/07/2002	SOIL GRID	0.25	0.50		
HD101OW4BAA	101OW	02/04/2002	SOIL GRID	0.25	0.50		
HD152AA1AAA	152AA	02/08/2002	SOIL GRID	0.00	0.25		
HD152AA1CAA	152AA	02/08/2002	SOIL GRID	0.50	1.00		
HD152AA1DAA	152AA	02/08/2002	SOIL GRID	1.00	1.50		
HD152AB1AAA	152AB	02/08/2002	SOIL GRID	0.00	0.25		
HD152AB1CAA	152AB	02/08/2002	SOIL GRID	0.50	1.00		
HD152AB1DAA	152AB	02/08/2002	SOIL GRID	1.00	1.50		
HD152AC1AAA	152AC	02/08/2002	SOIL GRID	0.00	0.25		
HD152AC1CAA	152AC	02/08/2002	SOIL GRID	0.50	1.00		
HD152AC1DAA	152AC	02/08/2002	SOIL GRID	1.00	1.50		
HD152AD1AAA	152AD	02/08/2002	SOIL GRID	0.00	0.25		
HD152AD1CAA	152AD	02/08/2002	SOIL GRID	0.50	1.00		

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
02/02/2002 - 02/08/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD152AD1DAA	152AD	02/08/2002	SOIL GRID	1.00	1.50		
HDA02040201AA	A02040201	02/08/2002	SOIL GRID	0.00	0.25		
HDJ2155MM02PE1	J2155MM02PE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ2155MM02PE2	J2155MM02PE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ2155MM02PE3	J2155MM02PE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ2155MM02PE3D	J2155MM02PE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ2200590RPE1	J2200590RPE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ2200590RPE2	J2200590RPE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ2200590RPE3	J2200590RPE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ2200595RPE1	J2200595RPE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ2200595RPE2	J2200595RPE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ2200595RPE3	J2200595RPE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ2200600RPE1	J2200600RPE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ2200600RPE2	J2200600RPE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ2200600RPE3	J2200600RPE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ281MM08PE1	J281MM08PE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ281MM08PE2	J281MM08PE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ281MM08PE3	J281MM08PE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ281MM21PE1	J281MM21PE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ281MM21PE2	J281MM21PE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ281MM21PE3	J281MM21PE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ281MMPE1	J281MMPE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ281MMPE2	J281MMPE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ281MMPE3	J281MMPE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ2M7LAWEPE1	J2M7LAWEPE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ2M7LAWEPE2	J2M7LAWEPE	02/04/2002	SOIL GRID	0.00	0.25		
HDJ2M7LAWEPE3	J2M7LAWEPE	02/04/2002	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
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
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 12/20/01 - 02/08/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W114M1A	MW-114	12/21/2001	GROUNDWATER	177.00	187.00	96.00	106.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W129M1A	MW-129	12/21/2001	GROUNDWATER	136.00	146.00	66.00	76.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W171M2A	MW-171	12/21/2001	GROUNDWATER	81.00	86.00	79.50	84.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W184M1A	MW-184	01/24/2002	GROUNDWATER	186.00	196.00	58.20	68.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W184M1A	MW-184	01/24/2002	GROUNDWATER	186.00	196.00	58.20	68.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	OC21V	1,1-DICHLOROETHANE	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	OC21V	ACETONE	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	OC21V	BENZENE	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	OC21V	BROMOMETHANE	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	OC21V	CHLOROBENZENE	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	OC21V	CHLOROETHANE	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	OC21V	CHLOROMETHANE	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	OC21V	ETHYLBENZENE	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	OC21V	METHYL ETHYL KETONE (2-BUT	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	OC21V	METHYLENE CHLORIDE	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	OC21V	TOLUENE	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	OC21V	VINYL CHLORIDE	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	OC21V	XYLENES, TOTAL	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	SW8270	2-METHYLNAPHTHALENE	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	SW8270	4-METHYLPHENOL (P-CRESOL)	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	SW8270	ACENAPHTHYLENE	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	SW8270	DI-N-BUTYL PHTHALATE	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	SW8270	FLUORENE	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	SW8270	N-NITROSODIPHENYLAMINE	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	SW8270	NAPHTHALENE	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	SW8270	PHENANTHRENE	
W187DDA	MW-187	01/23/2002	GROUNDWATER	306.00	316.00	199.50	209.50	SW8270	PHENOL	
W187M1A	MW-187	01/24/2002	GROUNDWATER	160.00	170.00	51.30	61.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W187M1A	MW-187	01/24/2002	GROUNDWATER	160.00	170.00	51.30	61.30	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W191M1A	MW-191	01/25/2002	GROUNDWATER	137.00	142.00	25.20	30.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W191M1A	MW-191	01/25/2002	GROUNDWATER	137.00	142.00	25.20	30.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES

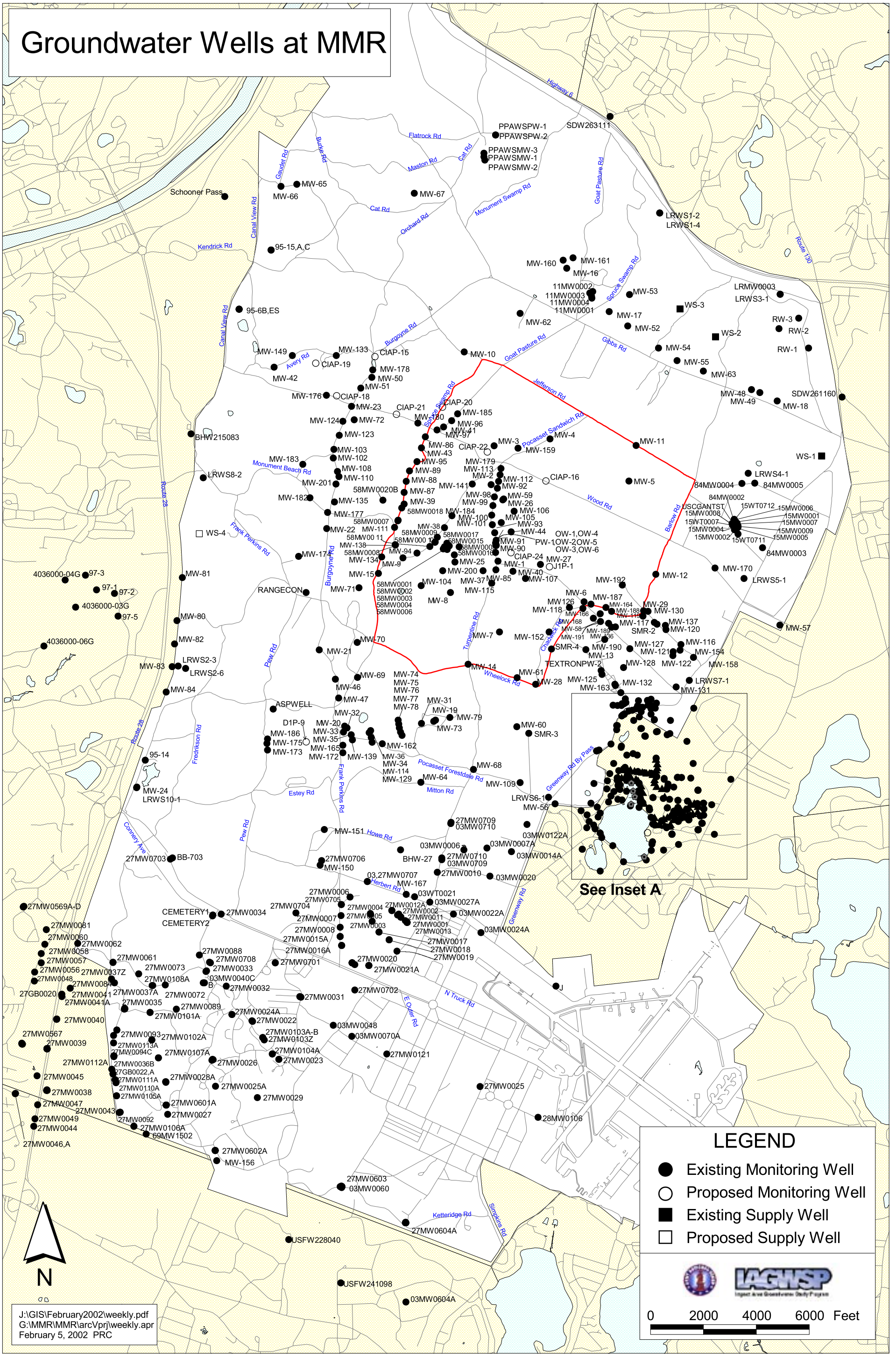
DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.
SBD = SAMPLE COLLECTION BEGIN DEPTH IN FEET BGS
SED = SAMPLE COLLECTION END DEPTH IN FEET BGS
BWTS = DEPTH BELOW WATER TABLE, START DEPTH, MEASURED IN FEET
BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET
PDA/YES = Photo Diode Array, Detect Confirmed
PDA/NO = Photo Diode Array, Detect Not Confirmed
* = Interference in sample

TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 12/20/01 - 02/08/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W191M2A	MW-191	01/25/2002	GROUNDWATEF	120.00	130.00	8.40	18.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W191M2A	MW-191	01/25/2002	GROUNDWATEF	120.00	130.00	8.40	18.40	8330N	OCTAHYDRO-1,3,5,7-TETRANITF	YES
W91SSA	MW-91	12/20/2001	GROUNDWATEF	124.00	134.00	0.00	10.00	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W91SSA	MW-91	12/20/2001	GROUNDWATEF	124.00	134.00	0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W91SSA	MW-91	12/20/2001	GROUNDWATEF	124.00	134.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W91SSA	MW-91	12/20/2001	GROUNDWATEF	124.00	134.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITF	YES
G202DAA	MW-202	02/01/2002	PROFILE	150.00	150.00	6.00	6.00	8330N	2,4-DINITROTOLUENE	NO
G202DAA	MW-202	02/01/2002	PROFILE	150.00	150.00	6.00	6.00	8330N	2,6-DINITROTOLUENE	NO
G202DAA	MW-202	02/01/2002	PROFILE	150.00	150.00	6.00	6.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G202DAA	MW-202	02/01/2002	PROFILE	150.00	150.00	6.00	6.00	8330N	2-NITROTOLUENE	NO
G202DAA	MW-202	02/01/2002	PROFILE	150.00	150.00	6.00	6.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G202DAA	MW-202	02/01/2002	PROFILE	150.00	150.00	6.00	6.00	8330N	PICRIC ACID	NO
G202DBA	MW-202	02/01/2002	PROFILE	160.00	160.00	16.00	16.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G202DBA	MW-202	02/01/2002	PROFILE	160.00	160.00	16.00	16.00	8330N	NITROGLYCERIN	NO
G202DCA	MW-202	02/01/2002	PROFILE	170.00	170.00	26.00	26.00	8330N	NITROBENZENE	NO
G202DCA	MW-202	02/01/2002	PROFILE	170.00	170.00	26.00	26.00	8330N	NITROGLYCERIN	NO
G202DDA	MW-202	02/04/2002	PROFILE	180.00	180.00	36.00	36.00	8330N	2-NITROTOLUENE	NO
G202DDA	MW-202	02/04/2002	PROFILE	180.00	180.00	36.00	36.00	8330N	4-NITROTOLUENE	NO
G202DDA	MW-202	02/04/2002	PROFILE	180.00	180.00	36.00	36.00	8330N	NITROBENZENE	NO
G202DDA	MW-202	02/04/2002	PROFILE	180.00	180.00	36.00	36.00	8330N	NITROGLYCERIN	NO
G202DFA	MW-202	02/04/2002	PROFILE	200.00	200.00	56.00	56.00	8330N	2-NITROTOLUENE	NO
G202DGA	MW-202	02/04/2002	PROFILE	210.00	210.00	66.00	66.00	8330N	2-NITROTOLUENE	NO
G202DGA	MW-202	02/04/2002	PROFILE	210.00	210.00	66.00	66.00	8330N	4-NITROTOLUENE	NO
G202DGA	MW-202	02/04/2002	PROFILE	210.00	210.00	66.00	66.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G202DGA	MW-202	02/04/2002	PROFILE	210.00	210.00	66.00	66.00	8330N	PENTAERYTHRITOL TETRANITF	NO
G202DGA	MW-202	02/04/2002	PROFILE	210.00	210.00	66.00	66.00	8330N	PICRIC ACID	NO
G202DHA	MW-202	02/04/2002	PROFILE	220.00	220.00	76.00	76.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES+
G202DIA	MW-202	02/04/2002	PROFILE	230.00	230.00	86.00	86.00	8330N	NITROGLYCERIN	NO
G202DMA	MW-202	02/04/2002	PROFILE	270.00	270.00	126.00	126.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES+
G202DMA	MW-202	02/04/2002	PROFILE	270.00	270.00	126.00	126.00	8330N	NITROGLYCERIN	NO
G202DOA	MW-202	02/05/2002	PROFILE	290.00	290.00	146.00	146.00	8330N	2-NITROTOLUENE	NO

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



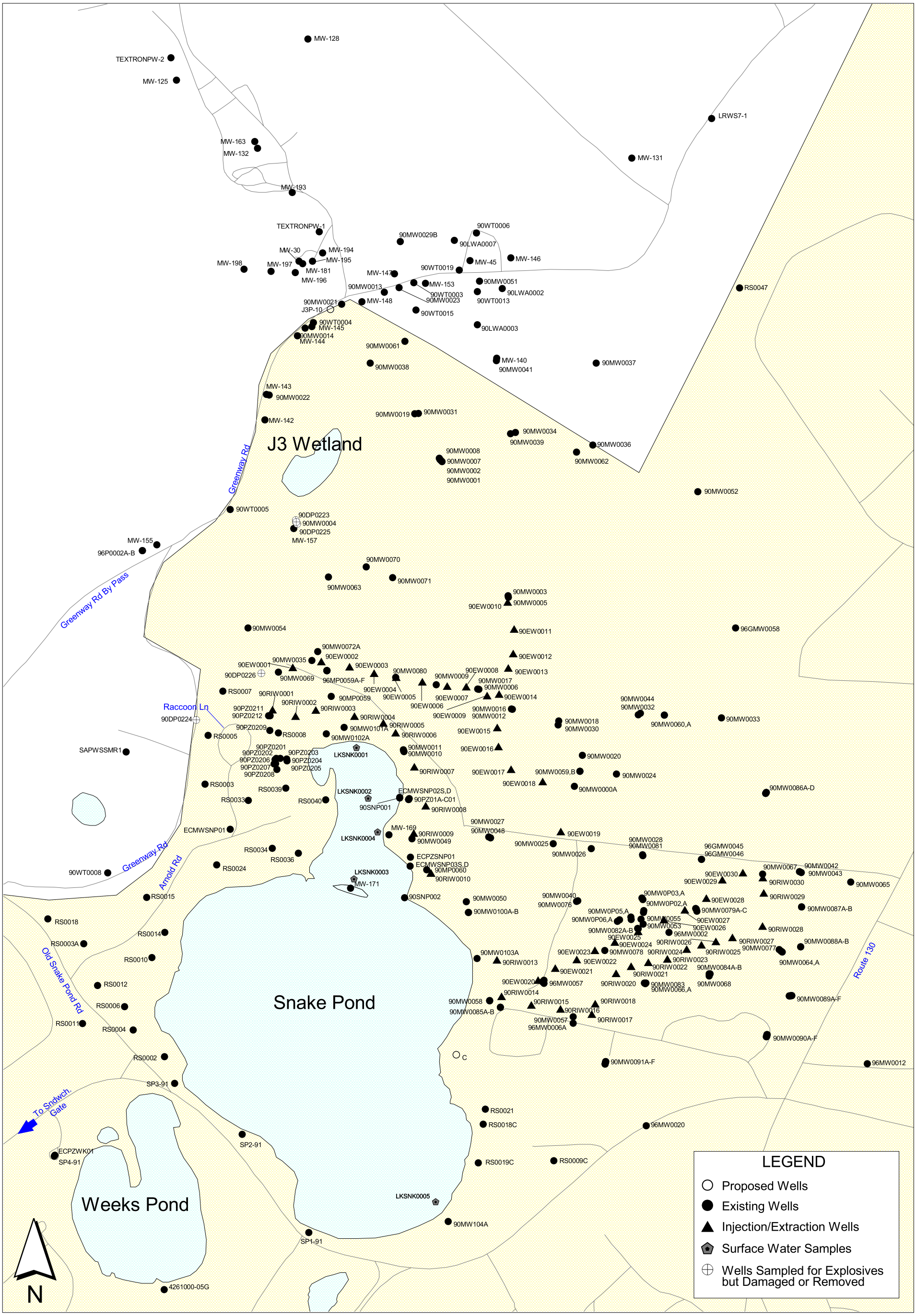
LEGEND

- Existing Monitoring Well
- Proposed Monitoring Well
- Existing Supply Well
- Proposed Supply Well

0 2000 4000 6000 Feet

N

J:\GIS\February2002\weekly.pdf
G:\MMR\MMR\arcVprj\weekly.apr
February 5, 2002 PRC



0 600 1200 Feet

Inset A

J:\GIS\February2002\weekly_a.pdf
G:\MMR\MMR\arcVprj\weekly.apr
February 5, 2002 PRC