

**WEEKLY PROGRESS UPDATE
FOR NOVEMBER 12 – NOVEMBER 16, 2001**

**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 November 12 to November 16, 2001.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of November 16 is summarized in Table 1.

Table 1. Drilling progress as of November 16, 2001				
Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-187	J-1 Range Well (J1P-12)	320	214	
MW-188	J-1 Range Well (J1P-13)	327	217	109-119, 155-165
MW-189	J-1 Range Well (J1P-4)	305	211	
MW-190	J-1 Range Well (J1P-11)	301	201	
MW-191	J-1 Range Well (J1P-15)	35		
PW-1	Central Impact Area Pump Test Well	208	79	
B-32	Boring 32 (J1IBA-2)	124	15	
bgs = below ground surface bwt = below water table				

Completed well installation of MW-188 (J-1 Range). Awaiting sieve analysis for PW-1 (Pump Test Well) which will be installed next week. Completed drilling of MW-187 (J-1 Range), MW-189 (J-1 Range), and MW-190 (J-1 Range), and continued drilling of MW-191 (J-1 Range). Completed drilling of Boring 32 (J1IBA-2). Well development continued for newly installed Central Impact Area wells.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from wells MW-187 (J1P-12), MW-189 (J1P-4), MW-190 (J1P-11), MW-191 (J1P-15) and boring B-32 (J1IBA-2). Groundwater samples were collected from newly installed observation wells and other Central Impact Area wells. Water samples were collected from the GAC treatment system. Soil boring samples were collected from B-32 (J1IBA-2) and well MW-191 (J1P-15). Soil samples were collected for resampling of herbicide analysis from grids at gun positions Old GP-3, GP-4, GP-6 and GP-16. Soil samples were collected from Demo 1 and Succonsette Pond for a method detection limit study for perchlorate and from post-detonation craters at PW-1 (Pump Test well). As part of the munitions survey project, post-detonation soil samples were collected from crater grids at the Former A Range.

The Guard, EPA, and MADEP had a meeting on November 15 to discuss technical issues, including the following:

Attendees

Tina Dolen (IAGWSPO)	Bill Gallagher (IAGWSPO)	Karen Wilson (IAGWSPO)
Dave Hill (IAGWSPO)	CPT Bill Myer (IAGWSPO)	LTC Bill FitzPatrick (MAARNG)
COL Albert Bleakley (JPO)	Todd Borci (EPA)	Jane Dolan (EPA)
Jim Murphy (EPA)	Desiree Moyer (EPA)	Len Pinaud (MADEP)
Mark Panni (MADEP)	Darrell Deleppo (ACE)	Heather Sullivan (ACE)
Ellen Iorio (ACE)	Gina Tyo (ACE)	Rob Foti (ACE)
Marc Grant (AMEC)	Scott Veenstra (AMEC – phone)	John Rice (AMEC - phone)
Kim Harriz (AMEC)	Joe Robb (AMEC)	Larry Hudgins (Tetra Tech)
Joe Dauchy (Tetra Tech)	Susan Stewart (Tetra Tech – phone)	Leo Montroy (Tetra Tech – phone)
Doug Lam (Tetra Teach)	Dave Williams (MDPH)	Adam Balogh (TRC – phone)
Barika Poole (MIT student)	Jennifer Stout (MIT student)	

Punchlist Items

- #2 Access 90PZ208 (Corps). MADEP has not received required information from Corps to pursue access to private property. Heather Sullivan (ACE) continues to follow up with Ray Cottengaim (ACE).
- #5 Provide comments on CDC Air Emissions review (EPA). Todd Borci (EPA) would like to send out conditional approval letter (11/19) under AO4 for the Guard to use the CDC unit. First needs to discuss with the EPA's attorney. Formal comment on the plan will be similar to comments presented informally a month ago. These include a requirement to improve the structural integrity of the door. No additional pollution control devices will be required for air emissions, as long as the 81mm mortar is the largest munition type placed in chamber.
- #6 Provide Perchlorate results from Bourne wells (AMEC). All well results (monitoring and supply) were non-detect. Reporting limit is 1.6 ppb. Current monitoring schedule for supply wells is quarterly for explosives. EPA requested that perchlorate be added to the analyte list for one year. Also requested that MW-80 screen with prior detection of perchlorate be sampled for perchlorate in the Dec 2001 LTM round. Marc Grant (AMEC) indicated that perchlorate sampling for MW-80 had already been added.
- #10 Schedule site visits with interviewee's 9, 24, 25, and 30 (Corps). A site visit was conducted with Interviewee #25 on Wednesday, 11/14 at the J Ranges. Other interviews have been requested. A site visit to the ASP with Interviewee #9 was potentially scheduled for next Wednesday (11/21). But this was not a good date for Todd Borci (EPA). Jane Dolan (EPA) requested that EPA be notified of dates of site visits as soon as possible.
- #11 Provide recommendation on how to handle HUTA soil with explosive detections (Corps). Ellen Iorio (ACE) indicated that the Corps required a few more days to provide a recommendation.
- #12 Provide date of perchlorate analyses from J-Range wells (AMEC). Table listing rounds and sample dates for J-Range wells was provided at meeting. Only those wells which were still being sampled for the first year were included on the table. 90MW0022 and other LTM wells (for which the initial 3 rounds of samples have been collected) are not listed on the table. 90MW0022 was sampled in May and September for Perchlorate. The concentration was 2.0 ppb for both events. EPA requested that all wells sampled for Perchlorate (including LTM wells) be tabulated so that the Guard/team can be sure that the right wells are being sampled. The J-1/3/L Ranges Additional Delineation Workplan #2 will/should include response actions pertaining to perchlorate detections including additional well sampling for perchlorate.

- #13 Provide sampling results from Drill Cuttings (AMEC). Provided prior to meeting.
- #14 Provide Validation Schedule for RRA Containment Pad Samples (AMEC) Schedule emailed on 11/9. Two SDGs will be included in this month's report.
- #15 Provide comments on Corps proposal on how to handle lifts with explosives (EPA). No feedback provided.

Analysis for Perchlorate

- Todd Borci (EPA) indicated that Steve DiMattei (EPA) had questions on the MDL study for Perchlorate analysis in groundwater. In EPA's opinion, the standard run for the test at 8 ppb was too high for the agency to be confident that the lab could achieve a 0.85 ppb detection limit, as calculated. EPA requested that a lower standard (2 ppb, 3ppb) be used for the study.
- Mr. Borci also indicated that the EPA had identified a Denver lab which had been routinely analyzing both groundwater and soil samples for perchlorate. Detection limits were 0.1 ppb for water and 0.50 ppb for soil. The price for a 2-wk turn around was \$200, which was comparable to Ceimic's price.
- Mr. Borci to forward Mr. DiMattei's comments and lab information to Heather Sullivan (ACE).

Central Impact Area Pump Test Update

John Rice (AMEC) summarized the pump test activities.

- The pumping well will be installed at the end of the week, 11/16 and will be developed next week. The mini-test is also scheduled for next week. Results from the mini-test are expected to be reported the week of December 3. The Step Test is scheduled to be conducted the week of December 10. The Pump test is scheduled for the week of December 17.
- Based on Mark Panni's concerns relating to the discharge of perchlorate containing water to the ground in an area where perchlorate has not been detected in as high a concentration, Bill Gallagher (IAGWSPO) explained that the mini-test was being conducted to assess the perchlorate concentrations of the groundwater extracted from the aquifer during the pumping test. Heather Sullivan (ACE) reported that three samples for perchlorate analysis would be collected during the test. One sample would be collected of extracted water prior to treatment. Two samples, one from each GAC tank, would be collected of the treated water. Based on the results of these samples, decisions would be made regarding how the pump test effluent would be handled during the full scale test.

RRA Issues

Scott Veenstra (AMEC) led a discussion regarding various RRA issues.

- The Guard was looking for EPA approval to discharge the 2500 gallons of treated water removed from the breakdown of Brice's soil washing equipment. Analytical results for the treated water had been forwarded last Thursday 11/8. Todd Borci (EPA) and Jane Dolan (EPA) thought that this discharge had already been approved. Mr. Veenstra indicated that it had been the 1000 gallons of wash down water from the containment pad that EPA had recently approved. Ms. Dolan to provide approval today, 11/15.
- Mr. Veenstra indicated that the redline/strikeout version of the COWR for the RRA Group 1 sites was ready for submittal. However, the original report had been submitted in March and no longer accurately reflects the current status of the program, specifically the removal of stockpiled soil and demobbing of the soil washing equipment. Mr. Veenstra requested that AMEC be permitted to amend the report to reflect the current status, highlighting these changes in yellow, and submit the report at the end of November. Ms. Dolan indicated that this was acceptable.

- Regarding the Mortar Target 9 COWR, the draft would be submitted at the end of November.
- CDC wastes and spent carbon were scheduled for pickup and disposal by Cyn Environmental. The non-hazardous waste stream included CDC pea gravel (7 drums) and spent carbon (18 drums). This waste would be consolidated at Cyn's Stoughton, MA facility and disposed at BFI's Lee County Landfill in Bishopville, SC. The hazardous waste stream included J-1 Range popper kettle ash (4 drums), 32 filters from the CDC, and filter dust (1 drum). The hazardous waste would be consolidated at Northland Environmental in Providence and sent to either Stablex in Ontario, Canada or Environmental Quality in Michigan. This information had been stated in the Guard's October 9 letter.
- Scoping meeting for workplan to address Issue 4 of EPA 11/08 letter: containment pad water discharge area. Plan view map of discharge area, 30-foot diameter area southeast of the containment pad in a group of trees, was distributed. Mr. Veenstra indicated that the Guard was considering drilling a soil boring in this area, advancing the boring to the water table. Profile soil samples would be collected at the standard intervals and analyzed for explosives and metals. A monitoring well would be installed at the water table and sampled.
- Ms. Dolan suggested that surface soil grids be considered to cover the area and pesticides be considered as a contaminant of concern, even though as Mr. Veenstra pointed out, they were not shown to have been discharged in a concentration above action levels. Bill Gallagher (IAGWSPO) pointed out that Dieldrin might be in area soil because of the nearby gun position.
- Todd Borci (EPA) indicated that discrete samples, as opposed to composite samples, should be considered.
- Mr. Veenstra summarized that one 5-pt sampling grid with discrete samples collected at 0-3", 3-6", and 6-12" would be scoped with analysis for explosives and metals and considered for pesticides.
- Ms. Dolan added that it shouldn't be presumed that the monitoring well would only be sampled once. Based on travel time through the unsaturated zone, the pore water with explosives may not have reached the water table, yet. Marc Grant (AMEC) suggested that the unsaturated zone travel time be estimated for the area and included in the workplan.
- Mr. Veenstra asked if other documents could be referenced for methodology; EPA concurred.
- Mark Panni (MADEP) was skeptical that anything that was detected (in water or soil) could be definitively attributed to the discharge of the containment pad water. Mr. Panni further questioned the need for a well and subsurface soil samples unless detections were found in the surface soil. Mr. Borci pointed out that although explosives become dissolved in the pore water and infiltrate down through the unsaturated zone and are ultimately detectable in groundwater, detection of explosives in subsurface soil has been elusive. Therefore, lack of soil detections does not mean that there is (will) not (be) an impact to groundwater.
- Mr. Veenstra concluded that soil profiling would then likely not be productive. Ms. Dolan clarified that there were other COCs in addition to the explosives.
- Ms. Dolan questioned the possibility of inadvertent discharge to the surrounding storm drains such as the one in front of Range Control, potentially from flowing water. Mr. Veenstra indicated that someone was always present when water was discharged and there were no discharges to the storm drains.
- Ms. Dolan further requested that the Guard consider collecting soil samples off the sump from which water was released during decontamination of the pad and during a heavy rain event around that time.

BIP Excavations

John Rice (AMEC) provided a briefing on the BIP excavation progress.

- All J-3 and J-2 Range BIP crater excavations and all but 3 in the Central Impact Area (total 50 cubic yards of soil) will be completed by the end of the week. Remaining craters will have to be excavated at a later date, because of problems with the safety zones overlapping with other work efforts.
- To Todd Borci's (EPA) inquiry if additional craters had been added to the excavation list, CPT Myer explained that the craters were excavated in accordance to the protocol established in the Guard's Summer 2000 letter. Therefore craters that meet the criteria are added to the excavation list as sample results become available.
- Jane Dolan (EPA) noted that she had never received final soil results for Mortar Target 9 after the BIP excavation. EPA had agreed that excavation would be stopped and planting initiated, but she would like to see the sampling results, anyway.

Drill Cuttings Disposition

- Drill Cutting sampling results were sent by Heather Sullivan (ACE).
- Karen Wilson (IAGWSP0) asked for feedback on whether the cuttings could be disposed. One sample from MW-130 had a detection of explosives; this well (J2P-7) was located in one of the J-2 Range disposal areas. Drill cuttings from this well will be staged with the BIP crater soil stockpile.
- Todd Borci (EPA) indicated that he thought it would be fine to use the cuttings for fill; will follow-up with email today, 11/15, or tomorrow, 11/16.

Turn-Around-Time for Gross Alpha

- Marc Grant (AMEC) indicated that MW-181S groundwater samples for Uranium Isotope analysis were collected last Friday 11/16. The lab was providing a 2 wk turn-around-time. Sample results for gross alpha were expected today 11/15.
- Jane Dolan (EPA) requested that gross alpha results be emailed upon receipt. If results confirm the elevated activity, the agencies need to talk to the Guard tomorrow 11/16. A press release would be required.
- Ms. Dolan asked if any other radiological tests were being conducted on the original profile sample. Mr. Grant indicated that there were not; there had not been enough of the original profile sample to run the Uranium isotope analysis. Mr. Borci requested that AMEC let EPA how much volume of the original profile sample did remain.
- Mr. Grant further indicated that the rerun for gross alpha analysis on the original profile sample concentration was 690 pCi/L versus the 544 pCi/L for the first analysis.

AIRMAG Cultural Targets Update

Doug Lam (Tetra Tech) summarized Tetra Tech's reconnaissance efforts to visually identify AirMag cultural targets.

- Tetra Tech UXO teams swept large blocks of area with individuals spaced 3 to 5 meters apart. Inspections were done visually and using a schoenstadt.
- Areas checked to date included:
 - Electrical line of Area 2
 - Upper/Lower part of Gravity Range
 - Exterior of Fence Line around L Range
 - Herbert Rd Bunkers
 - Fence Line north of Landfill
 - Greenway Road in Area 4.

- Findings – no apparent buried munitions caches. And the following items per area specified.
- Area 2 Electrical Line – guide wires.
- Gravity Range – old bunkers, small OE debris, depressions possibly used by troops.
- L Range Fence – concrete debris, manhole cover, wooden bunkers (from Old Transition Range).
- Herbert Road Bunkers – concrete with rebar and bunkers, well head, small debris such as fuel or oil cans, large depression 40X50m, 10m deep on north side in BA-1.
- Herbert Road Fence Line – 30X30m depression and burnt propellant containers on north side of fence.
- Greenway Road, north of airfield – stake with PVC pipe labeled abandoned fuel line, tires, wheels, well head, trenches, depressions.
- Visual inspection of the cultural targets continues within Areas 4 and 5. None are being conducted in Area 1 since this area will be covered by additional AirMag and MSP work.

Former H Range Update

Ellen Iorio (ACE) summarized the status of activities at Former H Range, FUDS site.

- Lead and Dieldrin Soil Removal. Delineation, soil excavation and disposal, and backfill and restoration have been completed. Monitoring of vegetation is ongoing.
- Military Feature Characterization. Sampling is complete. Report is due to regulators on 12/19.
- MW-157 Groundwater and Soil Characterization. Sampling is complete. Report is due to regulators on 12/05.
- RAM RRA Completion of Work Report will be submitted on 12/05. This is the COWR for the Lead/Dieldrin removal and will include sampling results for other scopes. PAHs were found in bunkers associated with military features.
- OE Characterization and Removal. Statement of work is being developed by the Huntsville District Corps. Meeting was held on 10/31 with the regulators to discuss schedule and approach. NAE is also coordinating efforts with the Sandwich Conservation Commission, SHPPO, Tribal Authorities, and State Natural Heritage. EPA asked for the date of completion of the SOW.

Miscellaneous

- Todd Borci (EPA) asked when he could expect to receive a copy of the ASR. Jane Dolan (EPA) indicated that she had received a hard copy. Gina Tyo (ACE) reported that CDs had been sent to remaining team members. One copy of the Appendices had been sent to the agencies. Len Pinaud (MADEP) indicated that they had received the CD but not the appendices. Ms. Tyo to check with Rock Island.
- Mr. Borci asked about the Succonsette Pond Letter Report. Ms. Tyo indicated that the report had been sent via email and by CD. Leo Montroy (Tetra Tech) to forward email to Mr. Borci.
- Mr. Borci indicated in terms of responding to MSP documents, he didn't get a chance to review the BA-1 Disposal Area Workplan, but will try to complete ASAP. The Guard should expect comments on Succonsette Pond and slit trench at the beginning of next week. ASR comments will be sent at the end of the month.
- Mr. Borci asked how the Phase IIb Report was going to be handled. Heather Sullivan (ACE) indicated that the final decision had been to split off Small Arms Ranges in one report and all other sites in a second report.
- Jane Dolan (EPA) inquired about the Snake Pond diffusion sampling results. Heather Sullivan indicated that they were due Wednesday 11/14. Ms. Sullivan to ask Dave Hill (IAGWSPO).

- Ms. Dolan asked about the latest soil results from the J-Ranges. Ms. Sullivan to check with Herb Colby (AMEC) regarding new data.

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:

- A groundwater sample from MW-181S (J-3 Range) had a detection of HMX that was not confirmed by PDA but with interference. This is the first time this well has been sampled.
- Groundwater profile samples from MW-187 (J-1 Range) had detections of 1,3,5-trinitrobenzene (2 intervals), 1,3-dinitrobenzene (4 intervals), 2,4-DANT (3 intervals), 2,4-DNT (2 intervals), 2A-DNT (2 intervals), 2-nitrotoluene (1 interval), 3-nitrotoluene (1 interval), 4-nitrotoluene (1 interval), RDX (5 intervals), nitroglycerin (11 intervals), HMX (2 intervals), picric acid (7 intervals), tetryl (1 interval), 1,2,4-trichlorobenzene (1 interval), 2-hexanone (12 intervals), acetone (22 intervals), benzene (2 intervals), chloroethane (2 intervals), chloroform (11 intervals), 2-butanone (22 intervals), methyl isobutyl ketone (6 intervals) and toluene (3 intervals). All detections of 2,4-DANT, and HMX and two detections of RDX were confirmed by PDA spectra. Three detections of RDX were not confirmed by PDA spectra, but with interference.
- Groundwater profile samples from MW-189 (J-1 Range) had detections of 1,3,5-trinitrobenzene (1 interval), 1,3-dinitrobenzene (1 interval), 2,6-DNT (1 interval), 2,4-DANT (1 interval), 2A-DNT (2 intervals), 3-nitrotoluene (1 interval), 4-nitrotoluene (2 intervals), nitroglycerin (9 intervals), picric acid (1 interval), 2-hexanone (1 interval), acetone (15 intervals), chloroform (8 intervals), and 2-butanone (14 intervals). The detection of 1,3,5-trinitrobenzene was confirmed by PDA spectra. The detection of 2,6-DNT was not confirmed by PDA spectra, but with interference.
- Groundwater profile samples from MW-190 (J-2 Range) had detections of 1,3-dinitrobenzene (1 interval), 2,4-DANT (1 interval), 4A-DNT (2 intervals), nitroglycerin (6 intervals), picric acid (2 intervals), tetryl (1 interval), 2-hexanone (2 intervals), acetone (20 intervals), chloroethane (2 intervals), chloroform (14 intervals), carbon disulfide (1 interval), chloromethane (1 interval), and 2-butanone (17 intervals). The detection of 2,4-DANT was confirmed by PDA spectra.

- Groundwater profile samples from MW-191 (J-1 Range) had detections of 1,3,5-trinitrobenzene (1 interval), RDX (1 interval), nitroglycerin (1 interval) and acetone (1 interval). The detections of explosives were not confirmed by PDA spectra.

3. DELIVERABLES SUBMITTED

Draft Gun & Mortar Firing Positions Additional Delineation Workplan	11/14/01
Weekly Progress Update, November 5 – November 9, 2001	11/16/01

4. SCHEDULED ACTIONS

Scheduled actions for the week of November 19 include installation and development of PW-1 (Pump Test well) and installation of J-3 Range wells MW-193, MW-194, MW-195, MW-196, MW-197, and MW-198. Commence third quarter LTGM round and finish herbicide sampling in Central Impact Area.

5. SUMMARY OF ACTIVITIES FOR DEMO 1

The Demo 1 Soil Report is being revised and will be submitted in December. The next monitoring well (D1P-9) will be located approximately 600 feet west of Frank Perkins Road at the projected centerline of the plume. Additional monitoring well locations will be identified based on results of the first location. Responses to EPA comments on the Draft Feasibility Study for the Groundwater Operable Unit are being developed.

TABLE 2
 SAMPLING PROGRESS
 11/10/2001-11/16/2001

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
AR.A.2.00001.1.0	AR.A.2.00001.R	11/16/2001	CRATER GRID	0.00	0.25		
AR.A.2.00001.2.0	AR.A.2.00001.R	11/16/2001	CRATER GRID	0.00	0.25		
O.G.0.00125.0.T	TRIP BLANK 125	11/16/2001	FIELDQC	0.00	0.00		
ABB0032AAE	FIELDQC	11/14/2001	FIELDQC	0.00	0.00		
ABB0032AAT	FIELDQC	11/15/2001	FIELDQC	0.00	0.00		
ABB0032HAE	FIELDQC	11/16/2001	FIELDQC	0.00	0.00		
ABB0032HAT	FIELDQC	11/16/2001	FIELDQC	0.00	0.00		
BGHMAE	FIELDQC	11/15/2001	FIELDQC	0.00	0.00		
DEMO1-1E	FIELDQC	11/16/2001	FIELDQC	0.00	0.00		
G189DMT	FIELDQC	11/13/2001	FIELDQC	0.00	0.00		
G189DTT	FIELDQC	11/14/2001	FIELDQC	0.00	0.00		
G190DGE	FIELDQC	11/13/2001	FIELDQC	0.00	0.00		
G190DTE	FIELDQC	11/14/2001	FIELDQC	0.00	0.00		
GAB32BAE	FIELDQC	11/16/2001	FIELDQC	0.00	0.00		
GAB32BAT	FIELDQC	11/16/2001	FIELDQC	0.00	0.00		
HC63E1AAE	FIELDQC	11/12/2001	FIELDQC	0.00	0.00		
HDA10220102AE	FIELDQC	11/15/2001	FIELDQC	0.00	0.00		
HDA10220102AT	FIELDQC	11/15/2001	FIELDQC	0.00	0.00		
S191DKE	FIELDQC	11/13/2001	FIELDQC	0.00	0.00		
S191DKT	FIELDQC	11/13/2001	FIELDQC	0.00	0.00		
SCPNDPTE	FIELDQC	11/13/2001	FIELDQC	0.00	0.00		
WOW-1E	FIELDQC	11/15/2001	FIELDQC	0.00	0.00		
WOW-6E	FIELDQC	11/14/2001	FIELDQC	0.00	0.00		
W100M2A	MW-100	11/15/2001	GROUNDWATER	164.00	174.00	30.00	40.00
WOW-1A	WOW-1A	11/15/2001	GROUNDWATER	126.00	136.00	0.70	10.70
WOW-2A	WOW-2A	11/14/2001	GROUNDWATER	175.00	185.00	48.78	58.78
WOW-2A	WOW-2A	11/15/2001	GROUNDWATER	175.00	185.00	48.78	58.78
WOW-6A	WOW-6A	11/14/2001	GROUNDWATER	175.00	185.00	46.80	56.80
DW111601	GAC WATER	11/16/2001	IDW	0.00	0.00		
DEMO1-1A	DEMO1-1A	11/16/2001	PESAMP	0.00	0.50		
SCPNDPTH	SCPNDPTH	11/13/2001	PESAMP	0.00	0.50		
G187DSA	MW-187	11/13/2001	PROFILE	290.00	290.00	184.40	184.40
G187DTA	MW-187	11/13/2001	PROFILE	300.00	300.00	194.40	194.40
G187DUA	MW-187	11/13/2001	PROFILE	310.00	310.00	204.40	204.40
G187DVA	MW-187	11/13/2001	PROFILE	320.00	320.00	214.40	214.40
G189DMA	MW-189	11/13/2001	PROFILE	220.00	220.00	126.40	126.40
G189DNA	MW-189	11/13/2001	PROFILE	230.00	230.00	136.40	136.40
G189DND	MW-189	11/13/2001	PROFILE	230.00	230.00	136.40	136.40
G189DOA	MW-189	11/13/2001	PROFILE	240.00	240.00	146.40	146.40
G189DPA	MW-189	11/13/2001	PROFILE	250.00	250.00	156.40	156.40
G189DPD	MW-189	11/13/2001	PROFILE	250.00	250.00	156.40	156.40
G189DQA	MW-189	11/13/2001	PROFILE	260.00	260.00	166.40	166.40
G189DRA	MW-189	11/13/2001	PROFILE	270.00	270.00	176.40	176.40

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
11/10/2001-11/16/2001

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G189DSA	MW-189	11/13/2001	PROFILE	280.00	280.00	186.40	186.40
G189DTA	MW-189	11/14/2001	PROFILE	290.00	290.00	196.40	196.40
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90
G190DFA	MW-190	11/13/2001	PROFILE	160.00	160.00	59.90	59.90
G190DGA	MW-190	11/13/2001	PROFILE	170.00	170.00	69.90	69.90
G190DHA	MW-190	11/13/2001	PROFILE	180.00	180.00	79.90	79.90
G190DIA	MW-190	11/13/2001	PROFILE	190.00	190.00	89.90	89.90
G190DJA	MW-190	11/13/2001	PROFILE	200.00	200.00	99.90	99.90
G190DKA	MW-190	11/13/2001	PROFILE	210.00	210.00	109.90	109.90
G190DLA	MW-190	11/13/2001	PROFILE	220.00	220.00	119.90	119.90
G190DMA	MW-190	11/13/2001	PROFILE	230.00	230.00	129.90	129.90
G190DNA	MW-190	11/14/2001	PROFILE	240.00	240.00	139.90	139.90
G190DND	MW-190	11/14/2001	PROFILE	240.00	240.00	139.90	139.90
G190DOA	MW-190	11/14/2001	PROFILE	250.00	250.00	149.90	149.90
G190DOD	MW-190	11/14/2001	PROFILE	250.00	250.00	149.90	149.90
G190DPA	MW-190	11/14/2001	PROFILE	260.00	260.00	159.90	159.90
G190DQA	MW-190	11/14/2001	PROFILE	270.00	270.00	169.90	169.90
G190DRA	MW-190	11/14/2001	PROFILE	280.00	280.00	179.90	179.90
G190DSA	MW-190	11/14/2001	PROFILE	290.00	290.00	189.90	189.90
G190DTA	MW-190	11/14/2001	PROFILE	300.00	300.00	199.90	199.90
G191DAA	MW-191	11/13/2001	PROFILE	112.00	112.00	3.20	3.20
G191DAD	MW-191	11/13/2001	PROFILE	112.00	112.00	3.20	3.20
GAB32AAA	BH-32	11/16/2001	PROFILE	114.00	114.00	5.00	5.00
GAB32BAA	BH-32	11/16/2001	PROFILE	122.00	122.00	13.00	13.00
AB0032PLMAAA	B-32	11/15/2001	SOIL BORING	106.00	108.00		
AB0032PLMBAA	B-32	11/15/2001	SOIL BORING	108.00	110.00		
ABB0032AAA	B-32	11/14/2001	SOIL BORING	5.00	7.00		
ABB0032BAA	B-32	11/14/2001	SOIL BORING	10.00	12.00		
ABB0032BAD	B-32	11/14/2001	SOIL BORING	10.00	12.00		
ABB0032CAA	B-32	11/15/2001	SOIL BORING	20.00	22.00		
ABB0032DAA	B-32	11/15/2001	SOIL BORING	30.00	32.00		
ABB0032EAA	B-32	11/15/2001	SOIL BORING	40.00	42.00		
ABB0032FAA	B-32	11/15/2001	SOIL BORING	50.00	52.00		
ABB0032GAA	B-32	11/15/2001	SOIL BORING	60.00	62.00		
ABB0032HAD	B-32	11/15/2001	SOIL BORING	70.00	72.00		
ABB0032IAA	B-32	11/15/2001	SOIL BORING	80.00	82.00		
ABB0032JAA	B-32	11/15/2001	SOIL BORING	90.00	92.00		
ABB0032KAA	B-32	11/15/2001	SOIL BORING	100.00	102.00		
ABB032HAA	B-32	11/15/2001	SOIL BORING	70.00	72.00		
S191DGA	MW-191	11/13/2001	SOIL BORING	60.00	62.00		
S191DHA	MW-191	11/13/2001	SOIL BORING	70.00	72.00		
S191DIA	MW-191	11/13/2001	SOIL BORING	80.00	82.00		
S191DJA	MW-191	11/13/2001	SOIL BORING	90.00	92.00		
S191DKA	MW-191	11/13/2001	SOIL BORING	100.00	102.00		

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
 11/10/2001-11/16/2001

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
S191PLMAAA	MW-191	11/13/2001	SOIL BORING	106.00	108.00		
S191PLMBAA	MW-191	11/13/2001	SOIL BORING	108.00	110.00		
B09CAA	16C	11/16/2001	SOIL GRID	0.00	0.50		
BGHCBA	16C	11/16/2001	SOIL GRID	1.50	2.00		
BGHMAA	16M	11/15/2001	SOIL GRID	0.00	0.50		
BGHNBA	16N	11/16/2001	SOIL GRID	1.50	2.00		
BGMMBA	BGMMBA	11/12/2001	SOIL GRID	1.50	2.00		
HC55C1BAA	55C	11/12/2001	SOIL GRID	1.50	2.00		
HC55F1AAA	55F	11/12/2001	SOIL GRID	0.00	0.50		
HC55F1BAA	55F	11/12/2001	SOIL GRID	1.50	2.00		
HC58A1AAA	58A	11/12/2001	SOIL GRID	0.00	0.50		
HC63E1AAA	63E	11/12/2001	SOIL GRID	0.00	0.50		
HCA10220102AA	A10220102A	11/15/2001	SOIL GRID	0.00	0.25		
HDA10220102AA	A10220102A	11/15/2001	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 10/27/01-11/16/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W181SSA	MW-181	11/07/2001	GROUNDWATER	32.00	42.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	NO*
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	8330N	1,3,5-TRINITROBENZENE	NO
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	8330N	1,3-DINITROBENZENE	NO
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	8330N	2,4-DINITROTOLUENE	NO
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	8330N	NITROGLYCERIN	NO
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	8330N	PICRIC ACID	NO
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	OC21V	1,2,4-TRICHLOROBENZENE	
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	OC21V	2-HEXANONE	
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	OC21V	ACETONE	
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	OC21V	CHLOROETHANE	
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	OC21V	CHLOROFORM	
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	OC21V	METHYL ISOBUTYL KETONE (4-	
G187DBA	MW-187	11/08/2001	PROFILE	120.00	120.00	14.40	14.40	8330N	NITROGLYCERIN	NO
G187DBA	MW-187	11/08/2001	PROFILE	120.00	120.00	14.40	14.40	OC21V	ACETONE	
G187DBA	MW-187	11/08/2001	PROFILE	120.00	120.00	14.40	14.40	OC21V	BENZENE	
G187DBA	MW-187	11/08/2001	PROFILE	120.00	120.00	14.40	14.40	OC21V	CHLOROETHANE	
G187DBA	MW-187	11/08/2001	PROFILE	120.00	120.00	14.40	14.40	OC21V	CHLOROFORM	
G187DBA	MW-187	11/08/2001	PROFILE	120.00	120.00	14.40	14.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DBA	MW-187	11/08/2001	PROFILE	120.00	120.00	14.40	14.40	OC21V	METHYL ISOBUTYL KETONE (4-	
G187DBA	MW-187	11/08/2001	PROFILE	120.00	120.00	14.40	14.40	OC21V	TOLUENE	
G187DCA	MW-187	11/08/2001	PROFILE	130.00	130.00	24.40	24.40	8330N	2,4-DIAMINO-6-NITROTOLUENE	YES
G187DCA	MW-187	11/08/2001	PROFILE	130.00	130.00	24.40	24.40	8330N	NITROGLYCERIN	NO
G187DCA	MW-187	11/08/2001	PROFILE	130.00	130.00	24.40	24.40	OC21V	2-HEXANONE	
G187DCA	MW-187	11/08/2001	PROFILE	130.00	130.00	24.40	24.40	OC21V	ACETONE	
G187DCA	MW-187	11/08/2001	PROFILE	130.00	130.00	24.40	24.40	OC21V	CHLOROFORM	
G187DCA	MW-187	11/08/2001	PROFILE	130.00	130.00	24.40	24.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DCA	MW-187	11/08/2001	PROFILE	130.00	130.00	24.40	24.40	OC21V	METHYL ISOBUTYL KETONE (4-	
G187DDA	MW-187	11/08/2001	PROFILE	140.00	140.00	34.40	34.40	8330N	2,4-DIAMINO-6-NITROTOLUENE	YES
G187DDA	MW-187	11/08/2001	PROFILE	140.00	140.00	34.40	34.40	8330N	NITROGLYCERIN	NO
G187DDA	MW-187	11/08/2001	PROFILE	140.00	140.00	34.40	34.40	OC21V	2-HEXANONE	
G187DDA	MW-187	11/08/2001	PROFILE	140.00	140.00	34.40	34.40	OC21V	ACETONE	

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PDA/NO = Photo Diode Array, Detect Not Confirmed

* = Interference in sample

TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 10/27/01-11/16/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G187DDA	MW-187	11/08/2001	PROFILE	140.00	140.00	34.40	34.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DDA	MW-187	11/08/2001	PROFILE	140.00	140.00	34.40	34.40	OC21V	METHYL ISOBUTYL KETONE (4-	
G187DEA	MW-187	11/08/2001	PROFILE	150.00	150.00	44.40	44.40	8330N	NITROGLYCERIN	NO
G187DEA	MW-187	11/08/2001	PROFILE	150.00	150.00	44.40	44.40	OC21V	2-HEXANONE	
G187DEA	MW-187	11/08/2001	PROFILE	150.00	150.00	44.40	44.40	OC21V	ACETONE	
G187DEA	MW-187	11/08/2001	PROFILE	150.00	150.00	44.40	44.40	OC21V	CHLOROFORM	
G187DEA	MW-187	11/08/2001	PROFILE	150.00	150.00	44.40	44.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DEA	MW-187	11/08/2001	PROFILE	150.00	150.00	44.40	44.40	OC21V	METHYL ISOBUTYL KETONE (4-	
G187DFA	MW-187	11/08/2001	PROFILE	160.00	160.00	54.40	54.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,;	YES
G187DFA	MW-187	11/08/2001	PROFILE	160.00	160.00	54.40	54.40	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G187DFA	MW-187	11/08/2001	PROFILE	160.00	160.00	54.40	54.40	OC21V	2-HEXANONE	
G187DFA	MW-187	11/08/2001	PROFILE	160.00	160.00	54.40	54.40	OC21V	ACETONE	
G187DFA	MW-187	11/08/2001	PROFILE	160.00	160.00	54.40	54.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DGA	MW-187	11/08/2001	PROFILE	170.00	170.00	64.40	64.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,;	YES
G187DGA	MW-187	11/08/2001	PROFILE	170.00	170.00	64.40	64.40	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G187DGA	MW-187	11/08/2001	PROFILE	170.00	170.00	64.40	64.40	OC21V	ACETONE	
G187DGA	MW-187	11/08/2001	PROFILE	170.00	170.00	64.40	64.40	OC21V	CHLOROFORM	
G187DGA	MW-187	11/08/2001	PROFILE	170.00	170.00	64.40	64.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DHA	MW-187	11/08/2001	PROFILE	180.00	180.00	74.40	74.40	OC21V	2-HEXANONE	
G187DHA	MW-187	11/08/2001	PROFILE	180.00	180.00	74.40	74.40	OC21V	ACETONE	
G187DHA	MW-187	11/08/2001	PROFILE	180.00	180.00	74.40	74.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DIA	MW-187	11/08/2001	PROFILE	190.00	190.00	84.40	84.40	8330N	NITROGLYCERIN	NO
G187DIA	MW-187	11/08/2001	PROFILE	190.00	190.00	84.40	84.40	OC21V	ACETONE	
G187DIA	MW-187	11/08/2001	PROFILE	190.00	190.00	84.40	84.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DJA	MW-187	11/08/2001	PROFILE	200.00	200.00	94.40	94.40	8330N	NITROGLYCERIN	NO
G187DJA	MW-187	11/08/2001	PROFILE	200.00	200.00	94.40	94.40	OC21V	2-HEXANONE	
G187DJA	MW-187	11/08/2001	PROFILE	200.00	200.00	94.40	94.40	OC21V	ACETONE	
G187DJA	MW-187	11/08/2001	PROFILE	200.00	200.00	94.40	94.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DKA	MW-187	11/09/2001	PROFILE	210.00	210.00	104.40	104.40	8330N	1,3-DINITROBENZENE	NO
G187DKA	MW-187	11/09/2001	PROFILE	210.00	210.00	104.40	104.40	8330N	PICRIC ACID	NO
G187DKA	MW-187	11/09/2001	PROFILE	210.00	210.00	104.40	104.40	OC21V	ACETONE	
G187DKA	MW-187	11/09/2001	PROFILE	210.00	210.00	104.40	104.40	OC21V	METHYL ETHYL KETONE (2-BUT	

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TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 10/27/01-11/16/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G187DLA	MW-187	11/09/2001	PROFILE	220.00	220.00	114.40	114.40	8330N	NITROGLYCERIN	NO
G187DLA	MW-187	11/09/2001	PROFILE	220.00	220.00	114.40	114.40	OC21V	ACETONE	
G187DLA	MW-187	11/09/2001	PROFILE	220.00	220.00	114.40	114.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DLA	MW-187	11/09/2001	PROFILE	220.00	220.00	114.40	114.40	OC21V	TOLUENE	
G187DMA	MW-187	11/09/2001	PROFILE	230.00	230.00	124.40	124.40	8330N	NITROGLYCERIN	NO
G187DMA	MW-187	11/09/2001	PROFILE	230.00	230.00	124.40	124.40	OC21V	2-HEXANONE	
G187DMA	MW-187	11/09/2001	PROFILE	230.00	230.00	124.40	124.40	OC21V	ACETONE	
G187DMA	MW-187	11/09/2001	PROFILE	230.00	230.00	124.40	124.40	OC21V	CHLOROFORM	
G187DMA	MW-187	11/09/2001	PROFILE	230.00	230.00	124.40	124.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DNA	MW-187	11/09/2001	PROFILE	240.00	240.00	134.40	134.40	OC21V	2-HEXANONE	
G187DNA	MW-187	11/09/2001	PROFILE	240.00	240.00	134.40	134.40	OC21V	ACETONE	
G187DNA	MW-187	11/09/2001	PROFILE	240.00	240.00	134.40	134.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DND	MW-187	11/09/2001	PROFILE	240.00	240.00	134.40	134.40	OC21V	2-HEXANONE	
G187DND	MW-187	11/09/2001	PROFILE	240.00	240.00	134.40	134.40	OC21V	ACETONE	
G187DND	MW-187	11/09/2001	PROFILE	240.00	240.00	134.40	134.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DOA	MW-187	11/09/2001	PROFILE	250.00	250.00	144.40	144.40	OC21V	ACETONE	
G187DOA	MW-187	11/09/2001	PROFILE	250.00	250.00	144.40	144.40	OC21V	CHLOROFORM	
G187DOA	MW-187	11/09/2001	PROFILE	250.00	250.00	144.40	144.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DOD	MW-187	11/09/2001	PROFILE	250.00	250.00	144.40	144.40	OC21V	ACETONE	
G187DOD	MW-187	11/09/2001	PROFILE	250.00	250.00	144.40	144.40	OC21V	CHLOROFORM	
G187DOD	MW-187	11/09/2001	PROFILE	250.00	250.00	144.40	144.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DPA	MW-187	11/09/2001	PROFILE	260.00	260.00	154.40	154.40	OC21V	2-HEXANONE	
G187DPA	MW-187	11/09/2001	PROFILE	260.00	260.00	154.40	154.40	OC21V	ACETONE	
G187DPA	MW-187	11/09/2001	PROFILE	260.00	260.00	154.40	154.40	OC21V	CHLOROFORM	
G187DPA	MW-187	11/09/2001	PROFILE	260.00	260.00	154.40	154.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DQA	MW-187	11/09/2001	PROFILE	270.00	270.00	164.40	164.40	OC21V	2-HEXANONE	
G187DQA	MW-187	11/09/2001	PROFILE	270.00	270.00	164.40	164.40	OC21V	ACETONE	
G187DQA	MW-187	11/09/2001	PROFILE	270.00	270.00	164.40	164.40	OC21V	CHLOROFORM	
G187DQA	MW-187	11/09/2001	PROFILE	270.00	270.00	164.40	164.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	8330N	2,4-DIAMINO-6-NITROTOLUENE	YES
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	8330N	2,4-DINITROTOLUENE	NO
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	8330N	2-NITROTOLUENE	NO

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SAMPLES COLLECTED 10/27/01-11/16/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	8330N	3-NITROTOLUENE	NO
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	8330N	4-NITROTOLUENE	NO
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	8330N	NITROGLYCERIN	NO
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	8330N	PICRIC ACID	NO
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	OC21V	2-HEXANONE	
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	OC21V	ACETONE	
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	OC21V	BENZENE	
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	OC21V	CHLOROFORM	
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	OC21V	METHYL ISOBUTYL KETONE (4-	
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	OC21V	TOLUENE	
G187DSA	MW-187	11/13/2001	PROFILE	290.00	290.00	184.40	184.40	8330N	1,3-DINITROBENZENE	NO
G187DSA	MW-187	11/13/2001	PROFILE	290.00	290.00	184.40	184.40	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G187DSA	MW-187	11/13/2001	PROFILE	290.00	290.00	184.40	184.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	NO*
G187DSA	MW-187	11/13/2001	PROFILE	290.00	290.00	184.40	184.40	8330N	PICRIC ACID	NO
G187DSA	MW-187	11/13/2001	PROFILE	290.00	290.00	184.40	184.40	OC21V	ACETONE	
G187DSA	MW-187	11/13/2001	PROFILE	290.00	290.00	184.40	184.40	OC21V	CHLOROFORM	
G187DSA	MW-187	11/13/2001	PROFILE	290.00	290.00	184.40	184.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DTA	MW-187	11/13/2001	PROFILE	300.00	300.00	194.40	194.40	8330N	PICRIC ACID	NO
G187DTA	MW-187	11/13/2001	PROFILE	300.00	300.00	194.40	194.40	OC21V	ACETONE	
G187DTA	MW-187	11/13/2001	PROFILE	300.00	300.00	194.40	194.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DUA	MW-187	11/13/2001	PROFILE	310.00	310.00	204.40	204.40	8330N	1,3-DINITROBENZENE	NO
G187DUA	MW-187	11/13/2001	PROFILE	310.00	310.00	204.40	204.40	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G187DUA	MW-187	11/13/2001	PROFILE	310.00	310.00	204.40	204.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	NO*
G187DUA	MW-187	11/13/2001	PROFILE	310.00	310.00	204.40	204.40	8330N	NITROGLYCERIN	NO
G187DUA	MW-187	11/13/2001	PROFILE	310.00	310.00	204.40	204.40	8330N	PICRIC ACID	NO
G187DUA	MW-187	11/13/2001	PROFILE	310.00	310.00	204.40	204.40	8330N	TETRYL	NO
G187DUA	MW-187	11/13/2001	PROFILE	310.00	310.00	204.40	204.40	OC21V	ACETONE	
G187DUA	MW-187	11/13/2001	PROFILE	310.00	310.00	204.40	204.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G187DVA	MW-187	11/13/2001	PROFILE	320.00	320.00	214.40	214.40	8330N	1,3,5-TRINITROBENZENE	NO
G187DVA	MW-187	11/13/2001	PROFILE	320.00	320.00	214.40	214.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	NO*
G187DVA	MW-187	11/13/2001	PROFILE	320.00	320.00	214.40	214.40	8330N	PICRIC ACID	NO

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TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 10/27/01-11/16/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G187DVA	MW-187	11/13/2001	PROFILE	320.00	320.00	214.40	214.40	OC21V	ACETONE	
G187DVA	MW-187	11/13/2001	PROFILE	320.00	320.00	214.40	214.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40	8330N	1,3,5-TRINITROBENZENE	YES
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40	8330N	1,3-DINITROBENZENE	NO
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40	8330N	2,6-DINITROTOLUENE	NO*
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40	8330N	4-NITROTOLUENE	NO
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40	8330N	NITROGLYCERIN	NO
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40	8330N	PICRIC ACID	NO
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40	OC21V	ACETONE	
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G189DBA	MW-189	11/09/2001	PROFILE	110.00	110.00	16.40	16.40	8330N	NITROGLYCERIN	NO
G189DBA	MW-189	11/09/2001	PROFILE	110.00	110.00	16.40	16.40	OC21V	ACETONE	
G189DBA	MW-189	11/09/2001	PROFILE	110.00	110.00	16.40	16.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G189DCA	MW-189	11/09/2001	PROFILE	120.00	120.00	26.40	26.40	8330N	NITROGLYCERIN	NO
G189DCA	MW-189	11/09/2001	PROFILE	120.00	120.00	26.40	26.40	OC21V	ACETONE	
G189DCA	MW-189	11/09/2001	PROFILE	120.00	120.00	26.40	26.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G189DDA	MW-189	11/09/2001	PROFILE	130.00	130.00	36.40	36.40	8330N	NITROGLYCERIN	NO
G189DDA	MW-189	11/09/2001	PROFILE	130.00	130.00	36.40	36.40	OC21V	ACETONE	
G189DDA	MW-189	11/09/2001	PROFILE	130.00	130.00	36.40	36.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G189DEA	MW-189	11/09/2001	PROFILE	140.00	140.00	46.40	46.40	OC21V	ACETONE	
G189DEA	MW-189	11/09/2001	PROFILE	140.00	140.00	46.40	46.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G189DFA	MW-189	11/09/2001	PROFILE	150.00	150.00	56.40	56.40	8330N	NITROGLYCERIN	NO
G189DFA	MW-189	11/09/2001	PROFILE	150.00	150.00	56.40	56.40	OC21V	ACETONE	
G189DFA	MW-189	11/09/2001	PROFILE	150.00	150.00	56.40	56.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G189DGA	MW-189	11/09/2001	PROFILE	160.00	160.00	66.40	66.40	8330N	NITROGLYCERIN	NO
G189DGA	MW-189	11/09/2001	PROFILE	160.00	160.00	66.40	66.40	OC21V	ACETONE	
G189DGA	MW-189	11/09/2001	PROFILE	160.00	160.00	66.40	66.40	OC21V	CHLOROFORM	
G189DGA	MW-189	11/09/2001	PROFILE	160.00	160.00	66.40	66.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G189DHA	MW-189	11/09/2001	PROFILE	170.00	170.00	76.40	76.40	8330N	NITROGLYCERIN	NO
G189DHA	MW-189	11/09/2001	PROFILE	170.00	170.00	76.40	76.40	OC21V	2-HEXANONE	
G189DHA	MW-189	11/09/2001	PROFILE	170.00	170.00	76.40	76.40	OC21V	ACETONE	

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DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 10/27/01-11/16/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G189DHA	MW-189	11/09/2001	PROFILE	170.00	170.00	76.40	76.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G189DIA	MW-189	11/09/2001	PROFILE	180.00	180.00	86.40	86.40	8330N	NITROGLYCERIN	NO
G189DIA	MW-189	11/09/2001	PROFILE	180.00	180.00	86.40	86.40	OC21V	ACETONE	
G189DIA	MW-189	11/09/2001	PROFILE	180.00	180.00	86.40	86.40	OC21V	CHLOROFORM	
G189DIA	MW-189	11/09/2001	PROFILE	180.00	180.00	86.40	86.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G189DJA	MW-189	11/09/2001	PROFILE	190.00	190.00	96.40	96.40	OC21V	ACETONE	
G189DJA	MW-189	11/09/2001	PROFILE	190.00	190.00	96.40	96.40	OC21V	CHLOROFORM	
G189DJA	MW-189	11/09/2001	PROFILE	190.00	190.00	96.40	96.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G189DKA	MW-189	11/09/2001	PROFILE	200.00	200.00	106.40	106.40	OC21V	ACETONE	
G189DKA	MW-189	11/09/2001	PROFILE	200.00	200.00	106.40	106.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G189DMA	MW-189	11/13/2001	PROFILE	220.00	220.00	126.40	126.40	OC21V	ACETONE	
G189DMA	MW-189	11/13/2001	PROFILE	220.00	220.00	126.40	126.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G189DOA	MW-189	11/13/2001	PROFILE	240.00	240.00	146.40	146.40	OC21V	CHLOROFORM	
G189DPA	MW-189	11/13/2001	PROFILE	250.00	250.00	156.40	156.40	OC21V	ACETONE	
G189DPA	MW-189	11/13/2001	PROFILE	250.00	250.00	156.40	156.40	OC21V	CHLOROFORM	
G189DPA	MW-189	11/13/2001	PROFILE	250.00	250.00	156.40	156.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G189DPD	MW-189	11/13/2001	PROFILE	250.00	250.00	156.40	156.40	OC21V	ACETONE	
G189DPD	MW-189	11/13/2001	PROFILE	250.00	250.00	156.40	156.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G189DQA	MW-189	11/13/2001	PROFILE	260.00	260.00	166.40	166.40	OC21V	ACETONE	
G189DQA	MW-189	11/13/2001	PROFILE	260.00	260.00	166.40	166.40	OC21V	CHLOROFORM	
G189DRA	MW-189	11/13/2001	PROFILE	270.00	270.00	176.40	176.40	OC21V	CHLOROFORM	
G189DSA	MW-189	11/13/2001	PROFILE	280.00	280.00	186.40	186.40	OC21V	CHLOROFORM	
G189DTA	MW-189	11/14/2001	PROFILE	290.00	290.00	196.40	196.40	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G189DTA	MW-189	11/14/2001	PROFILE	290.00	290.00	196.40	196.40	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G189DTA	MW-189	11/14/2001	PROFILE	290.00	290.00	196.40	196.40	8330N	3-NITROTOLUENE	NO
G189DTA	MW-189	11/14/2001	PROFILE	290.00	290.00	196.40	196.40	8330N	4-NITROTOLUENE	NO
G189DTA	MW-189	11/14/2001	PROFILE	290.00	290.00	196.40	196.40	8330N	NITROGLYCERIN	NO
G189DTA	MW-189	11/14/2001	PROFILE	290.00	290.00	196.40	196.40	OC21V	ACETONE	
G189DTA	MW-189	11/14/2001	PROFILE	290.00	290.00	196.40	196.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DAA	MW-190	11/09/2001	PROFILE	110.00	110.00	9.90	9.90	8330N	NITROGLYCERIN	NO
G190DAA	MW-190	11/09/2001	PROFILE	110.00	110.00	9.90	9.90	OC21V	ACETONE	
G190DAA	MW-190	11/09/2001	PROFILE	110.00	110.00	9.90	9.90	OC21V	CHLOROFORM	

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DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 10/27/01-11/16/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G190DAA	MW-190	11/09/2001	PROFILE	110.00	110.00	9.90	9.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DBA	MW-190	11/09/2001	PROFILE	120.00	120.00	19.90	19.90	8330N	NITROGLYCERIN	NO
G190DBA	MW-190	11/09/2001	PROFILE	120.00	120.00	19.90	19.90	OC21V	ACETONE	
G190DBA	MW-190	11/09/2001	PROFILE	120.00	120.00	19.90	19.90	OC21V	CHLOROFORM	
G190DBA	MW-190	11/09/2001	PROFILE	120.00	120.00	19.90	19.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DBD	MW-190	11/09/2001	PROFILE	120.00	120.00	19.90	19.90	8330N	NITROGLYCERIN	NO
G190DBD	MW-190	11/09/2001	PROFILE	120.00	120.00	19.90	19.90	OC21V	ACETONE	
G190DBD	MW-190	11/09/2001	PROFILE	120.00	120.00	19.90	19.90	OC21V	CHLOROFORM	
G190DBD	MW-190	11/09/2001	PROFILE	120.00	120.00	19.90	19.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DCA	MW-190	11/09/2001	PROFILE	130.00	130.00	29.90	29.90	OC21V	ACETONE	
G190DCA	MW-190	11/09/2001	PROFILE	130.00	130.00	29.90	29.90	OC21V	CHLOROFORM	
G190DCA	MW-190	11/09/2001	PROFILE	130.00	130.00	29.90	29.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DDA	MW-190	11/09/2001	PROFILE	140.00	140.00	39.90	39.90	OC21V	ACETONE	
G190DDA	MW-190	11/09/2001	PROFILE	140.00	140.00	39.90	39.90	OC21V	CHLOROFORM	
G190DDA	MW-190	11/09/2001	PROFILE	140.00	140.00	39.90	39.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	8330N	1,3-DINITROBENZENE	NO
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	8330N	NITROGLYCERIN	NO
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	8330N	PICRIC ACID	NO
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	8330N	TETRYL	NO
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	OC21V	ACETONE	
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	OC21V	CHLOROETHANE	
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	OC21V	CHLOROFORM	
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	OC21V	CHLOROMETHANE	
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DFA	MW-190	11/13/2001	PROFILE	160.00	160.00	59.90	59.90	OC21V	ACETONE	
G190DFA	MW-190	11/13/2001	PROFILE	160.00	160.00	59.90	59.90	OC21V	CHLOROFORM	
G190DFA	MW-190	11/13/2001	PROFILE	160.00	160.00	59.90	59.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DGA	MW-190	11/13/2001	PROFILE	170.00	170.00	69.90	69.90	OC21V	ACETONE	
G190DGA	MW-190	11/13/2001	PROFILE	170.00	170.00	69.90	69.90	OC21V	CHLOROFORM	
G190DGA	MW-190	11/13/2001	PROFILE	170.00	170.00	69.90	69.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DHA	MW-190	11/13/2001	PROFILE	180.00	180.00	79.90	79.90	OC21V	ACETONE	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G190DHA	MW-190	11/13/2001	PROFILE	180.00	180.00	79.90	79.90	OC21V	CHLOROFORM	
G190DIA	MW-190	11/13/2001	PROFILE	190.00	190.00	89.90	89.90	OC21V	ACETONE	
G190DIA	MW-190	11/13/2001	PROFILE	190.00	190.00	89.90	89.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DJA	MW-190	11/13/2001	PROFILE	200.00	200.00	99.90	99.90	OC21V	ACETONE	
G190DJA	MW-190	11/13/2001	PROFILE	200.00	200.00	99.90	99.90	OC21V	CHLOROFORM	
G190DJA	MW-190	11/13/2001	PROFILE	200.00	200.00	99.90	99.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DKA	MW-190	11/13/2001	PROFILE	210.00	210.00	109.90	109.90	OC21V	ACETONE	
G190DKA	MW-190	11/13/2001	PROFILE	210.00	210.00	109.90	109.90	OC21V	CHLOROFORM	
G190DKA	MW-190	11/13/2001	PROFILE	210.00	210.00	109.90	109.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DLA	MW-190	11/13/2001	PROFILE	220.00	220.00	119.90	119.90	OC21V	ACETONE	
G190DLA	MW-190	11/13/2001	PROFILE	220.00	220.00	119.90	119.90	OC21V	CHLOROFORM	
G190DLA	MW-190	11/13/2001	PROFILE	220.00	220.00	119.90	119.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DMA	MW-190	11/13/2001	PROFILE	230.00	230.00	129.90	129.90	OC21V	ACETONE	
G190DMA	MW-190	11/13/2001	PROFILE	230.00	230.00	129.90	129.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DNA	MW-190	11/14/2001	PROFILE	240.00	240.00	139.90	139.90	OC21V	ACETONE	
G190DNA	MW-190	11/14/2001	PROFILE	240.00	240.00	139.90	139.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DND	MW-190	11/14/2001	PROFILE	240.00	240.00	139.90	139.90	OC21V	ACETONE	
G190DND	MW-190	11/14/2001	PROFILE	240.00	240.00	139.90	139.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DOA	MW-190	11/14/2001	PROFILE	250.00	250.00	149.90	149.90	OC21V	ACETONE	
G190DOA	MW-190	11/14/2001	PROFILE	250.00	250.00	149.90	149.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DOD	MW-190	11/14/2001	PROFILE	250.00	250.00	149.90	149.90	OC21V	ACETONE	
G190DOD	MW-190	11/14/2001	PROFILE	250.00	250.00	149.90	149.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DPA	MW-190	11/14/2001	PROFILE	260.00	260.00	159.90	159.90	OC21V	ACETONE	
G190DPA	MW-190	11/14/2001	PROFILE	260.00	260.00	159.90	159.90	OC21V	CHLOROFORM	
G190DQA	MW-190	11/14/2001	PROFILE	270.00	270.00	169.90	169.90	8330N	NITROGLYCERIN	NO
G190DQA	MW-190	11/14/2001	PROFILE	270.00	270.00	169.90	169.90	OC21V	ACETONE	
G190DQA	MW-190	11/14/2001	PROFILE	270.00	270.00	169.90	169.90	OC21V	CARBON DISULFIDE	
G190DQA	MW-190	11/14/2001	PROFILE	270.00	270.00	169.90	169.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DRA	MW-190	11/14/2001	PROFILE	280.00	280.00	179.90	179.90	OC21V	ACETONE	
G190DRA	MW-190	11/14/2001	PROFILE	280.00	280.00	179.90	179.90	OC21V	CHLOROFORM	
G190DSA	MW-190	11/14/2001	PROFILE	290.00	290.00	189.90	189.90	8330N	2,4-DIAMINO-6-NITROTOLUENE	YES
G190DSA	MW-190	11/14/2001	PROFILE	290.00	290.00	189.90	189.90	8330N	NITROGLYCERIN	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

TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 10/27/01-11/16/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G190DSA	MW-190	11/14/2001	PROFILE	290.00	290.00	189.90	189.90	8330N	PICRIC ACID	NO
G190DSA	MW-190	11/14/2001	PROFILE	290.00	290.00	189.90	189.90	OC21V	2-HEXANONE	
G190DSA	MW-190	11/14/2001	PROFILE	290.00	290.00	189.90	189.90	OC21V	ACETONE	
G190DSA	MW-190	11/14/2001	PROFILE	290.00	290.00	189.90	189.90	OC21V	CHLOROETHANE	
G190DSA	MW-190	11/14/2001	PROFILE	290.00	290.00	189.90	189.90	OC21V	CHLOROFORM	
G190DSA	MW-190	11/14/2001	PROFILE	290.00	290.00	189.90	189.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G190DTA	MW-190	11/14/2001	PROFILE	300.00	300.00	199.90	199.90	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G190DTA	MW-190	11/14/2001	PROFILE	300.00	300.00	199.90	199.90	8330N	NITROGLYCERIN	NO
G190DTA	MW-190	11/14/2001	PROFILE	300.00	300.00	199.90	199.90	OC21V	2-HEXANONE	
G190DTA	MW-190	11/14/2001	PROFILE	300.00	300.00	199.90	199.90	OC21V	ACETONE	
G190DTA	MW-190	11/14/2001	PROFILE	300.00	300.00	199.90	199.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G191DAA	MW-191	11/13/2001	PROFILE	112.00	112.00	3.20	3.20	8330N	1,3,5-TRINITROBENZENE	NO
G191DAA	MW-191	11/13/2001	PROFILE	112.00	112.00	3.20	3.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	NO
G191DAA	MW-191	11/13/2001	PROFILE	112.00	112.00	3.20	3.20	8330N	NITROGLYCERIN	NO
G191DAA	MW-191	11/13/2001	PROFILE	112.00	112.00	3.20	3.20	OC21V	ACETONE	
G191DAD	MW-191	11/13/2001	PROFILE	112.00	112.00	3.20	3.20	8330N	NITROGLYCERIN	NO
G191DAD	MW-191	11/13/2001	PROFILE	112.00	112.00	3.20	3.20	OC21V	ACETONE	

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

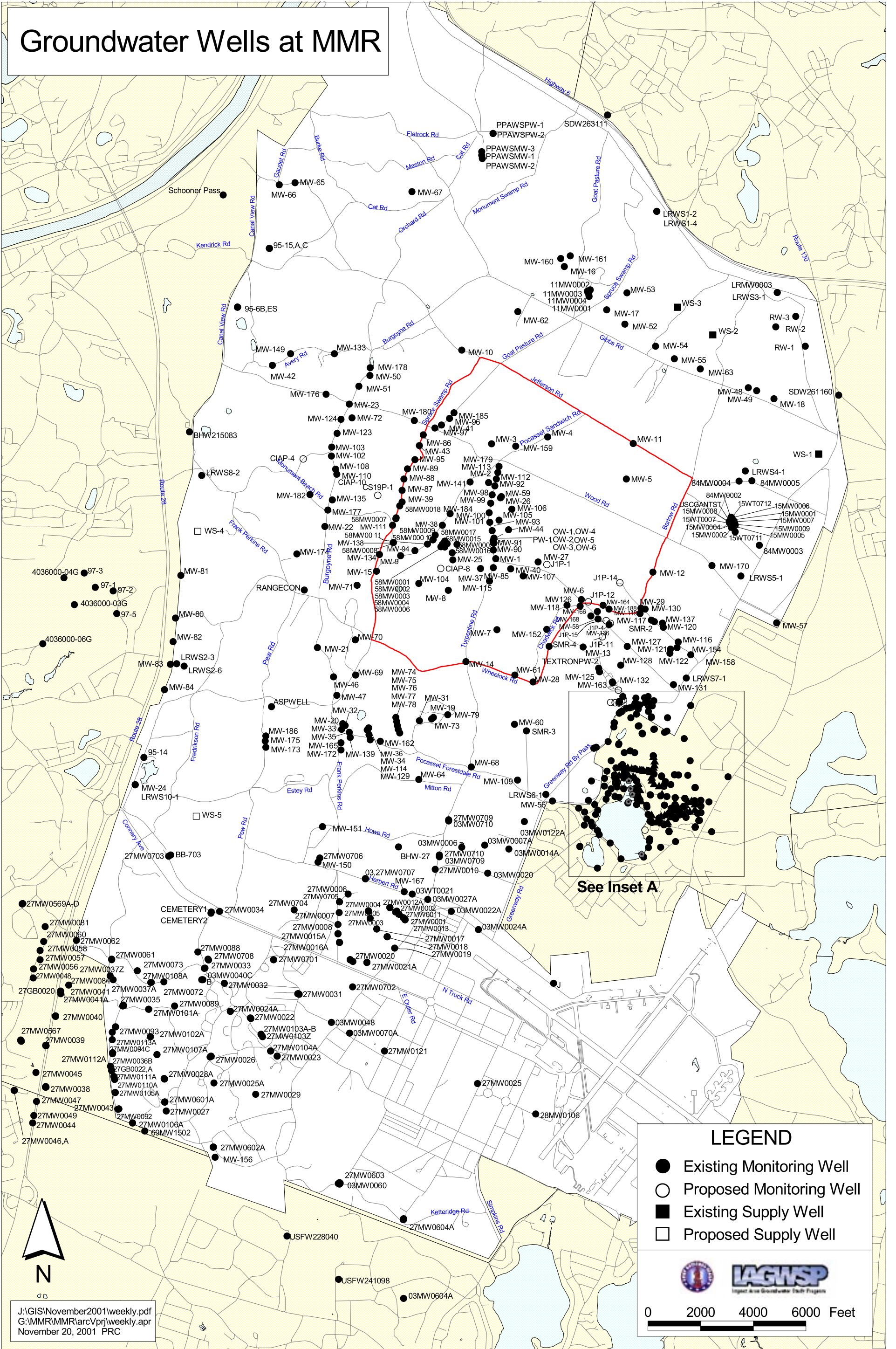
BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET

PDA/YES = Photo Diode Array, Detect Confirmed

PDA/NO = Photo Diode Array, Detect Not Confirmed

* = Interference in sample

Groundwater Wells at MMR



See Inset A

LEGEND

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

0 2000 4000 6000 Feet

