WEEKLY PROGRESS UPDATE
FOR APRIL 30 – MAY 4, 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 April 30 to May 4, 2001.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of May 4 is summarized in Table 1.

Table 1. Drilling progress as of May 4, 2001

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-166	J-1 Range well (J1P-7)	314	204	125-135 150-160 218-223
MW-167	Phase IIb well (BA-1)	130	44	100-110
MW-168	J-1 Range well (J1P-6)	288	202	
Bgs = below ground surface Bwt = below water table				

Completed well installation of MW-166 (J1P-7) and MW-167 (BA-1). Commenced drilling MW-168 (J1P-6). Continued development of newly installed wells. Continued UXO avoidance of the Phase IIb soil grids.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected for MW-168 and for AFCEE well 90MW104A (AFCEE D well) near Snake Pond. Groundwater samples were collected for 2001 Long Term Monitoring, the third round of Central Impact Area Supplemental Response wells and first round of newly installed wells including the two new wells at Demo 1. Water samples were collected from the GAC system and the FS-12 Treatment Plant influent and effluent. Soil samples were collected at soil grids on the former C Range, the Gravity Anti-Tank Range, Cleared Area 4, and the J-3 Range. Pre- and post-detonation soil samples were collected in Test Pit 6 as part of the HUTA investigation.

The Guard, EPA, and MADEP had a meeting on May 3 to discuss technical issues, including the following:

<u>CS-18 and CS-19 Updates</u>
IRP's Tech team meeting was concurrent with the IAGWSP Tech team meeting, therefore no AFCEE representatives were present at the IAGWSP Tech team meeting. Ken Gaynor (Jacobs) provided a one-page handout by email prior to the meeting. The handout was distributed by Heather Sullivan (ACE) with the suggestion that any questions be directed to Mr. Gaynor.

- At CS-18, soil boring at 16MW0006 was completed. Development of new wells and the fourth pre-existing well will be completed this week.
- At CS-19, assuming UXO/soil sampling subcontract is awarded this week, trenching will

commence 5/21. Auger drilling of three downgradient monitoring wells will commence on or about 6/18 and be completed in 4 to 5 weeks.

- Particle tracks using 2001 water level data and proposed well locations are being discussed at IRP tech meeting 5/03. The soil management plan is also being presented at this meeting.
- Near the end of the tech meeting, Mike Jasinski (EPA) returned from the IRP tech meeting and indicated that only one of the three CS-19 locations (the one in the center of the plume; CS19P-2 on IAGWSP maps) had been selected. The other locations were not selected because Jacobs reported that they did not have information (coordinates, well construction specifications) on Guard wells in the vicinity of the CS-19 plume and this information was needed to select final well locations and proposed screen intervals.

Water Supply Study Update

- Several Tech team members indicated that the pipeline installation was complete.
- Keith Comer (Robbins-Gioia) provided EPA with a memorandum from LTC Bleakley (JPO) regarding items that were uncovered during the pipeline installation. The memo explained that the object previously referred to as a "mortar fin" was a 37mm round. The incident report on the 37mm round was attached to the memo. The memo further explained that after checking with Camp Edwards, there was no incident report on the .50cal bullets. Todd Borci (EPA) requested further information on the exact location of the items (point on a map) and the final disposition of the items.
- Jane Dolan (EPA) indicated that according to Frank Fedele (ACE) information on the ZOCs will not be released until approved by the State.

Munitions Survey Update

Larry Hudgins (Tetra Tech) presented the update concerning the HUTA and DU Study. Doug Lam (Tetra Tech) presented the update concerning the J-Range geophysical investigations and AIRMAG survey. A one-page handout was distributed.

- Since last week, additional work was completed only at HUTA Test Pit #6. Final QC was completed on Lift 1D. The Power Screen was not used to sift soil since all significant fragments had been removed by hand. Although all prior lifts have been screened with the Power Screen, this step has not yielded any significant munition fragments, therefore this practice will be discontinued. Lift 1D will be excavated tomorrow, 5/4. Three BIPs will be completed today 5/3.
- Although work is completed at Test Pit #4, Tetra Tech is awaiting analytical results prior to backfilling.
- Ben Gregson (IAGWSPO) indicated that a letter will sent to the agencies next week, proposing to redefine the Draft HUTA 1 Report, due 5/18, as an Interim Report.
- Todd Borci (EPA) requested that the report include a brief description of what items were uncovered and their relative condition, as well as some generalizations regarding the munitions, such as the condition of items found near the surface compared to those found deeper in the Test Pits.
- Marc Grant (AMEC) inquired if there was a 2 week window of opportunity available to drill a well within the HUTA safety zone. Mr. Hudgins indicated that there was not any scheduled down period, but that Tetra Tech was working with Nick Iaiennaro (ACE) to use engineering controls (berms, etc.) so that the safety zone could be reduced.
- J-2 Range ground geophysical findings will be reviewed with the agencies next week. Both J-1 and J-3 Ranges ground geophysical data has been received and is being evaluated. Although a definitive date for presentation of this data was not proposed, it will likely be prior to 6/15.

- AIRMAG data maps will be available next Wednesday for review with the agencies. John MacPherson (ACE) suggested that Mr. Borci provide a time when they can meet to review the target picks to be investigated for the initial ground-truthing and to review the daily standardization (prove out) aerial map. Mr. Borci to email suggested meeting time.
- A Tech Memo summarizing the DU data will be presented to ACE in late May. Information will be provided to Tina Dolen (IAGWSPO) so that a press release summarizing the findings can be prepared. Mr. Borci requested that this effort be coordinated with EPA and DEP.

Rapid Response Action Update

Scott Veenstra (AMEC) presented an update of the RRA.

- Water management at the RRA containment pad continues pending a rain event so that one more confirmation sample can be collected of pad runoff.
- Completion of Work Report for RRA Group 1 was submitted to agencies 4/30.
- RRA Mortar Target 9 and Former H Range Draft Soil Contamination Delineation Report was submitted to the agencies on 4/20. No comments have been received yet. Input is needed specifically regarding the proposal to change additional delineation sampling grid approach (additional delineation limited to nodes where exceedances were detected rather than another ring grid with 10 foot greater radius) and limiting the soil excavation to hotspot removal. EPA indicated that comments were forthcoming, but that the Guard should be preparing for additional delineation work and soil removal.
- Todd Borci (EPA) indicated that he had sent out a letter specifying deadlines for completion of RRA Work for the Former H Range. Additional delineation sampling should be completed by 6/1, excavation of soil should be completed by 9/1, and restoration work should be completed by 10/1. LTC Knott (NGB) indicated that EPA, Corps and Guard were currently discussing the scheduling/contracting issues resulting from the designation of the Former H Range as a FUDS site. Resolution of these issues is a priority for the Guard.
- Awaiting on data to complete Grain Size Analysis for the Soil Washing Process Confirmation/Optimization summary.
- Rewashing of 485 yards of retained soil and next phase of excavated soil will probably commence in early June; the schedule is dependent on a 4-5 week contracting process.

Groundwater Study

John Rice (AMEC) presented an update of the groundwater study. A one page summary was distributed.

- Installation of monitor wells MW-166 (J1P-7) and MW-167 (BA-1) will be completed this week. Drilling of MW-168 (J1P-6) commenced this week. The MW-168 location was close to the original proposed location, just north of the trench area. RECs for D1P-5 and revised Former K Range location were submitted to ACE 4/30.
- This week, profile samples were split from AFCEE Snake Pond well “D”, 90MW104A to be analyzed for explosives. Later in the meeting Mike Jasinski (EPA) reported that there were no detections of EDB in the profile samples Jacobs collected from this well. AFCEE was waiting on explosives results to set any screens to monitor detections IAGWSP team was interested in. There was a shallow detection of PCE in trace concentrations; however, well screens were not set at the depth of this detection but at depths determined by particle track projections. Rush explosive data were received later during the Tech meeting; no explosives were detected in the split profile samples from 90MW104A.
- Next week will continue drilling MW-168.
- Snake Pond spit well SP-2 drilling will be delayed 6-8 weeks due to nesting geese. Discussion ensued during Punchlist discussion on whether Guard should wait for geese fledglings to mature or drill alternative location on Arnold Road. Mike Jasinski (EPA) indicated later in the meeting that while AFCEE preferred the SP-2 location they would

accept decision of IAGWSP Tech team. Tech team generally concurred that the best option would be to wait 6-8 weeks for the original proposed location. Camp Good News to be notified that drilling on spit would take place in late June-early July, since operation would be in view of campers. Ben Gregson (IAGWSPO) indicated that drilling of the other Snake Pond well (SP-1) to commence first, possibly next week.

- May LTM groundwater sampling round and sampling of newly installed J Range wells continued this week and will continue next week.
- Contracting issues with Jacobs have delayed AFCEE's sampling of Old Snake Pond Road residential well; no information is available on probable sampling schedule.
- Soil sampling and UXO avoidance was continued at the Cleared Area 4, Former C Range , Gravity Range, and J-3 Range grids this week. Next week, soil sampling and UXO avoidance will be continued at J-3 Range and Cleared Area 7 locations. Bill Gallagher (AMEC) to contact Todd Borci (EPA) regarding site visit to select Cleared Area 7 sampling locations possibly Tuesday or Wednesday morning.
- No vegetation removal was conducted this week and none is scheduled for next week.
- Marc Grant (AMEC) reiterated that the explosive analysis for trench soil samples and stock pile soil samples at the J1P-6 trench were non-detect. The results for the other analyses, except SVOCs, have been received. SVOC results should be received today. When tabulated, the data will be distributed.
- Perchlorate results have not been received for samples collected from PZ204.
- Todd Borci (EPA) indicated that he would review Stage III, Supplemental BIP grid results for P-19 BIP provided last week and let Guard know if additional delineation will be required or if EPA concurs that contamination is attributable to activities other than the BIP.
- Ben Gregson (IAGWSPO) indicated that it was the Guard's intent to collect split samples during AFCEE's shallow drive point sampling at Snake Pond.
- Jane Dolan (EPA) suggested that Guard split samples during AFCEE/Town of Sandwich surface water sampling. Coordinate with MADPH.
- Jane Dolan (EPA) indicated that as a result of her review of Textron files at Hale & Doar in Boston (attorneys for Textron) she had reviewed and was requesting copies of J-1/J-3 Range photographs that showed the layout of the ranges during periods of testing and general contractor use.
- Jane Dolan (EPA) requested a list of wells and particle tracks that were completed at the end of April in the vicinity of FS-12 extraction system. Ms. Dolan also asked for an update on the Tritium data sent to Univ. of Miami approximately 6 weeks ago.

May IART

General discussion ensued about possible IART topics among the Tech team members. Two principal topics were proposed:

- Geophysical Update.
- More detailed Groundwater Study Update to include general groundwater data, update on Demo 1 area, refresher and status of Phase IIb Scope, status of RRA .

Todd Borci (EPA) indicated that he would draft agenda and send to Guard Monday.

Document /Schedule Status Update

Marc Grant (AMEC) provided the update on document and schedule status, distributing a one page table, 3-month Lookahead schedule, and a table outlining the scheduling issues. Highlights of the document/schedule status were reviewed as follows:

- Documents Having Comments. Guard was looking for comments/approvals on MORs for J-2 Additional Delineation Work Plan (after Tech meeting), TM 01-5 Demo 1 GW FS Screening Report (comment from Todd Borci to be addressed by Mark Applebee (AMEC) tomorrow, 5/4), and TM 01-6 Central Impact Area Groundwater Report.

- Documents Needing Comments. RRA Round 1 Completion of Work Report was sent out Monday, 4/30.
- Documents to be Submitted. Supplemental Background Workplan is to be submitted today, 5/3. RRA Round 2 Grain Sizing Report to be submitted next week. New date needs to be established for RRA Round 2 Soil Removal Summary based on letter from Todd Borci.
- Todd Borci (EPA) agreed that EPA would provide comments on the Draft HUTA 1 Interim Report and that the Guard should provide Responses to Comments. This information then would ultimately incorporated into a Final HUTA 1 Report. No Final Interim Report would be required.
- Yellow highlighted extension request items were addressed by EPA last week's letter.
- Schedule for Demo 1 and Gun and Mortar characterizations reflect extensions provided in EPA's letter.
- Scheduling issues remain unresolved for J-2 Range Additional Delineation Planning, Training Area Investigation and Phase IIb Investigations – extension requests are pending.

Particle Tracks

Jay Clausen (AMEC) provided particle tracks for MW-164 (J1P-5) and the Demo 1 Area as requested in last week's Tech meeting. Two maps were distributed.

- MW-164 forward particle track was modeled as tracking northwest between MW-3 and MW-159 (near the five corners area). Cross-section showing depth of particle track would be available tomorrow, 5/4.
- Water level information on the map was based on 1999 synoptic water level round. 1993 (an average water year) water level data was used for modeling.
- The Demo 1 area showed multiple particle tracks originating from north to south across the Demo 1 area. A forward particle track was also provided from MW-165 (D1P-4). A line was also drawn connecting the wells with the highest concentrations of explosive detections – the line was then projected on to Pew Road. The particle tracks showed that groundwater, after initially tracking west, south-west curved slightly north, such that the tracks projected onto Pew Road almost directly west of Demo 1. The highest concentration line projected on to Pew Road approximately 1000 feet south of the MW-165 particle track.
- Don Walter (USGS) indicated that the fact that actual detections were south of the modeled particle tracks suggested that the morraine was "looser" (higher permeability) than current input parameters allowed. He felt it was doubtful that the straight line projection reflected a realistic flow path, but that the track of the plume was likely slightly south of the particle tracks.
- DIP-6 was proposed to be located just south (100 ft) of the projection of the MW-165 particle track on to Pew Road.
- Results of sampling D1P-5, once installed, might also have information useful in locating D1P-6, Pew Road well. A proposed location can be revisited once this data is available.
- John Rice (AMEC) indicated that the REC would be proposed for a stretch of Pew Road so that proposed location would be ready to drill even if the Tech team decides to adjust the location.

  Resolution meetings on the MOR for the J-2 Additional Delineation Work Plan and J-2 Interim Report Response to Comments followed the Tech meeting.

2. SUMMARY OF DATA RECEIVED

Rush data are summarized in Table 3. These data are for analyses that are performed on a fast turnaround time, typically 1-5 days. Explosive analyses for monitoring wells, and explosive and

VOC analyses for groundwater profile samples, are conducted in this timeframe. The rush data are not validated, but are provided as an indication of the most recent preliminary results. Table 3 summarizes only detects, and does not show samples with non-detects.

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

- Groundwater samples collected from MW-23M1, MW-111M3, and MW-135M2 had detections of RDX that were verified by PDA spectra. RDX was detected in similar concentrations in previous samples collected from these wells.

- Groundwater samples collected from MW-108M4 had detections of RDX and HMX that were verified by PDA spectra. RDX and HMX were detected in similar concentrations in previous samples collected from this well.

- Groundwater samples collected from MW-16S had detections of RDX and nitroglycerin. The RDX detection was verified by PDA spectra. Neither RDX or nitroglycerin was detected in previous samples collected from this well.

- Groundwater samples collected from MW-23M2 had a detection of nitroglycerin that was not verified by PDA spectra. There have been no validated detections of any constituent in previous samples collected from this well.

- The groundwater profile samples from MW-168 had detections of acetone (13 intervals), MEK (13 intervals), chloroform (4 intervals), toluene (1 interval), chloroethane (2 intervals), and chloromethane (3 intervals).

- A discrete soil sample collected from a grid at Grenade Court 2 had a detection of RDX that was verified by PDA spectra.

3. DELIVERABLES SUBMITTED

RRA Round 1 Completion of Work Report	4/30/01
Weekly Progress Update, April 16 – April 23	5/01/01

4. SCHEDULED ACTIONS

Scheduled actions for the week of May 7 include well installation of MW-168 (J1P-6), commence drilling Snake Pond well SP-1, continue development and sampling of newly installed wells, continue sampling Long Term Groundwater Monitoring 2001 and third round sampling of Central Impact Area Supplemental Response wells, and continue sampling of Phase IIb and J-3 Range soil grids.

5. SUMMARY OF ACTIVITIES FOR DEMO 1

The Draft Soil Report is being prepared. New Demo 1 wells MW-162 and MW-165 were sampled this week. Two additional downgradient well locations, D1P-5 and D1P-6, have been proposed and approved. Analysis of second round groundwater samples from newly installed wells is ongoing.

TABLE 2
SAMPLING PROGRESS
4/28/2001-5/4/2001

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
6.A.1.00726.1.0	A.1.00726.R	05/01/2001	CRATER GRID	1.00	1.25		
6.A.1.00726.10.0	A.1.00726.R	05/03/2001	CRATER GRID	1.00	1.25		
6.A.1.00726.2.0	A.1.00726.R	05/01/2001	CRATER GRID	1.00	1.25		
6.A.1.00726.3.0	A.1.00726.R	05/01/2001	CRATER GRID	1.00	1.25		
6.A.1.00726.4.0	A.1.00726.R	05/01/2001	CRATER GRID	1.00	1.25		
6.A.1.00726.5.0	A.1.00726.R	05/01/2001	CRATER GRID	1.00	1.25		
6.A.1.00726.6.0	A.1.00726.R	05/03/2001	CRATER GRID	1.00	1.25		
6.A.1.00726.6.D	A.1.00726.R	05/03/2001	CRATER GRID	1.00	1.25		
6.A.1.00726.7.0	A.1.00726.R	05/03/2001	CRATER GRID	1.00	1.25		
6.A.1.00726.8.0	A.1.00726.R	05/03/2001	CRATER GRID	1.00	1.25		
6.A.1.00726.9.0	A.1.00726.R	05/03/2001	CRATER GRID	1.00	1.25		
6.A.1.00728.1.0	A.1.00728.R	05/01/2001	CRATER GRID	1.50	1.75		
6.A.1.00728.10.0	A.1.00728.R	05/03/2001	CRATER GRID	1.50	1.75		
6.A.1.00728.2.0	A.1.00728.R	05/01/2001	CRATER GRID	1.50	1.75		
6.A.1.00728.3.0	A.1.00728.R	05/01/2001	CRATER GRID	1.50	1.75		
6.A.1.00728.4.0	A.1.00728.R	05/01/2001	CRATER GRID	1.50	1.75		
6.A.1.00728.5.0	A.1.00728.R	05/01/2001	CRATER GRID	1.50	1.75		
6.A.1.00728.6.0	A.1.00728.R	05/03/2001	CRATER GRID	1.50	1.75		
6.A.1.00728.7.0	A.1.00728.R	05/03/2001	CRATER GRID	1.50	1.75		
6.A.1.00728.8.0	A.1.00728.R	05/03/2001	CRATER GRID	1.50	1.75		
6.A.1.00728.9.0	A.1.00728.R	05/03/2001	CRATER GRID	1.50	1.75		
6.A.1.00731.1.0	A.1.00731.R	05/03/2001	CRATER GRID	0.50	0.75		
6.A.1.00731.10.0	A.1.00731.R	05/03/2001	CRATER GRID	0.50	0.75		
6.A.1.00731.2.0	A.1.00731.R	05/03/2001	CRATER GRID	0.50	0.75		
6.A.1.00731.3.0	A.1.00731.R	05/03/2001	CRATER GRID	0.50	0.75		
6.A.1.00731.4.0	A.1.00731.R	05/03/2001	CRATER GRID	0.50	0.75		
6.A.1.00731.5.0	A.1.00731.R	05/03/2001	CRATER GRID	0.50	0.75		
6.A.1.00731.6.0	A.1.00731.R	05/03/2001	CRATER GRID	0.50	0.75		
6.A.1.00731.7.0	A.1.00731.R	05/03/2001	CRATER GRID	0.50	0.75		
6.A.1.00731.8.0	A.1.00731.R	05/03/2001	CRATER GRID	0.50	0.75		
6.A.1.00731.9.0	A.1.00731.R	05/03/2001	CRATER GRID	0.50	0.75		
0.G.0.00078.0.T	Trip Blank 78	04/30/2001	FIELDQC	0.00	0.00		
0.G.0.00079.0.T	Trip Blank 79	05/01/2001	FIELDQC	0.00	0.00		
0.G.0.00080.0.T	Trip Blank 80	05/03/2001	FIELDQC	0.00	0.00		
90WT0019E	FIELDQC	04/28/2001	FIELDQC	0.00	0.00		
G168DAE	FIELDQC	05/02/2001	FIELDQC	0.00	0.00		
G168DFE	FIELDQC	05/03/2001	FIELDQC	0.00	0.00		
G168DRE	FIELDQC	05/04/2001	FIELDQC	0.00	0.00		
HD102BA1AAE	FIELDQC	05/02/2001	FIELDQC	0.00	0.00		
HD102BA1AAT	FIELDQC	05/02/2001	FIELDQC	0.00	0.00		
HD102XA1AAE	FIELDQC	05/03/2001	FIELDQC	0.00	0.00		
HD102XB1BAE	FIELDQC	05/04/2001	FIELDQC	0.00	0.00		
HD141B1AAE	FIELDQC	04/30/2001	FIELDQC	0.00	0.00		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
SED = Sample End Depth, measured in feet bgs
BWTS = Depth below water table, start depth, measured in feet
BWTE = Depth below water table, end depth, measured in feet

TABLE 2
SAMPLING PROGRESS
4/28/2001-5/4/2001

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD141B1AAT	FIELDQC	04/30/2001	FIELDQC	0.00	0.00		
HD141D1AAE	FIELDQC	05/01/2001	FIELDQC	0.00	0.00		
HD141D1AAT	FIELDQC	05/01/2001	FIELDQC	0.00	0.00		
W155M1T	FIELDQC	05/03/2001	FIELDQC	0.00	0.00		
W155M2T	FIELDQC	05/04/2001	FIELDQC	0.00	0.00		
90MW0022A	90MW0022	04/28/2001	GROUNDWATER	111.00	116.00	71.00	76.00
90MW0041A	90MW0041	04/28/2001	GROUNDWATER	125.00	130.00	31.50	36.50
90WT0019A	90WT0019	04/28/2001	GROUNDWATER	96.00	106.00	0.00	10.00
PA-1006801-802	90MW104A	05/01/2001	GROUNDWATER	155.00	160.00	135.60	140.60
PA-1006803-804	90MW104A	05/01/2001	GROUNDWATER	165.00	170.00	145.60	150.60
W109SSA	MW-109	05/03/2001	GROUNDWATER	89.00	99.00	0.00	10.00
W112M1A	MW-112	05/01/2001	GROUNDWATER	195.00	205.00	53.70	63.70
W112M2A	MW-112	05/01/2001	GROUNDWATER	165.00	175.00	23.70	33.70
W112M2D	MW-112	05/01/2001	GROUNDWATER	165.00	175.00	23.70	33.70
W113M1A	MW-113	04/30/2001	GROUNDWATER	240.00	250.00	96.20	106.20
W113M2A	MW-113	04/30/2001	GROUNDWATER	190.00	200.00	46.40	56.40
W141M2A	MW-141	04/28/2001	GROUNDWATER	162.00	172.00	30.33	40.33
W141SSA	MW-141	04/28/2001	GROUNDWATER	128.00	138.00	0.00	10.00
W152M1A	MW-152	05/01/2001	GROUNDWATER	250.00	260.00	140.80	150.80
W155M1A	MW-155	05/03/2001	GROUNDWATER	124.00	134.00	96.20	106.20
W155M2A	MW-155	05/03/2001	GROUNDWATER	45.00	55.00	17.10	27.10
W156SSA	MW-156	05/04/2001	GROUNDWATER	77.00	87.00	0.10	10.10
W157M1A	MW-157	05/03/2001	GROUNDWATER	209.00	219.00	195.60	205.60
W157M2A	MW-157	05/03/2001	GROUNDWATER	154.00	164.00	140.30	150.60
W157M3A	MW-157	05/03/2001	GROUNDWATER	110.00	120.00	96.60	106.60
W162M1A	MW-162	05/04/2001	GROUNDWATER	190.00	200.00	114.20	124.20
W17DDA	MW-17	05/02/2001	GROUNDWATER	320.00	330.00	190.90	200.90
W19DDA	MW-19	05/02/2001	GROUNDWATER	293.00	298.00	246.50	251.50
W1M1A	MW-1	05/01/2001	GROUNDWATER	220.00	225.00	99.30	104.30
W1M2A	MW-1	05/01/2001	GROUNDWATER	160.00	165.00	39.90	44.90
W25SSA	MW-25	05/01/2001	GROUNDWATER	108.00	118.00	0.00	10.00
W27SSA	MW-27	05/01/2001	GROUNDWATER	117.00	127.00	0.00	10.00
W2M1A	MW-2	05/03/2001	GROUNDWATER	212.00	217.00	69.10	74.10
W2M2A	MW-2	05/03/2001	GROUNDWATER	170.00	175.00	27.10	32.10
W30SSA	MW-30	05/04/2001	GROUNDWATER	26.00	36.00	25.70	35.70
W31DDA	MW-31	05/02/2001	GROUNDWATER	133.00	138.00	42.50	47.50
W31SSA	MW-31	05/02/2001	GROUNDWATER	98.00	103.00	7.30	12.30
W34M2A	MW-34	05/01/2001	GROUNDWATER	131.00	141.00	50.10	60.10
W34M3A	MW-34	05/01/2001	GROUNDWATER	111.00	121.00	29.90	39.90
W37M1A	MW-37	04/30/2001	GROUNDWATER	181.00	191.00	64.00	74.00
W37M2A	MW-37	04/30/2001	GROUNDWATER	145.00	155.00	21.00	31.00
W37M3A	MW-37	04/30/2001	GROUNDWATER	130.00	140.00	6.30	16.30
W38M2A	MW-38	04/30/2001	GROUNDWATER	187.00	197.00	64.20	74.20
W38M3A	MW-38	04/30/2001	GROUNDWATER	170.00	180.00	47.26	57.26

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
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TABLE 2
SAMPLING PROGRESS
4/28/2001-5/4/2001

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W38M4A	MW-38	05/01/2001	GROUNDWATER	132.00	142.00	9.10	19.10
W39M1A	MW-39	05/01/2001	GROUNDWATER	220.00	230.00	80.30	90.30
W39M2A	MW-39	05/01/2001	GROUNDWATER	175.00	185.00	35.20	45.20
W43M1A	MW-43	05/02/2001	GROUNDWATER	223.00	233.00	85.10	95.10
W43M2A	MW-43	05/02/2001	GROUNDWATER	200.00	210.00	62.30	72.30
W49M1A	MW-49	05/02/2001	GROUNDWATER	160.00	170.00	86.40	96.40
W57M1A	MW-57	05/04/2001	GROUNDWATER	188.00	198.00	98.60	108.60
W57M2A	MW-57	05/04/2001	GROUNDWATER	148.00	158.00	64.60	74.60
W74M1A	MW-74	05/02/2001	GROUNDWATER	170.00	180.00	78.30	88.30
W74M2A	MW-74	05/02/2001	GROUNDWATER	125.00	135.00	33.30	44.30
FS12TSEF	FS12TSEF	05/01/2001	PROCESS WATEF				
FS12TSIN	FS12TSIN	05/01/2001	PROCESS WATEF				
G168DAA	MW-168	05/02/2001	PROFILE	93.00	93.00	6.90	6.90
G168DBA	MW-168	05/02/2001	PROFILE	103.00	103.00	16.90	16.90
G168DCA	MW-168	05/02/2001	PROFILE	113.00	113.00	26.90	26.90
G168DCD	MW-168	05/02/2001	PROFILE	113.00	113.00	26.90	26.90
G168DDA	MW-168	05/02/2001	PROFILE	123.00	123.00	36.90	36.90
G168DEA	MW-168	05/02/2001	PROFILE	133.00	133.00	46.90	46.90
G168DFA	MW-168	05/03/2001	PROFILE	143.00	143.00	56.90	56.90
G168DFD	MW-168	05/03/2001	PROFILE	143.00	143.00	56.90	56.90
G168DGA	MW-168	05/03/2001	PROFILE	153.00	153.00	66.90	66.90
G168DHA	MW-168	05/03/2001	PROFILE	163.00	163.00	76.90	76.90
G168DIA	MW-168	05/03/2001	PROFILE	173.00	173.00	86.90	86.90
G168DJA	MW-168	05/03/2001	PROFILE	183.00	183.00	96.60	96.90
G168DKA	MW-168	05/03/2001	PROFILE	193.00	193.00	106.90	106.90
G168DLA	MW-168	05/03/2001	PROFILE	203.00	203.00	116.90	116.90
G168DMA	MW-168	05/03/2001	PROFILE	213.00	213.00	126.90	126.90
G168DNA	MW-168	05/03/2001	PROFILE	223.00	223.00	136.90	136.90
G168DOA	MW-168	05/03/2001	PROFILE	233.00	233.00	146.90	146.90
G168DPA	MW-168	05/03/2001	PROFILE	243.00	243.00	156.90	156.90
G168DQA	MW-168	05/03/2001	PROFILE	253.00	253.00	166.90	166.90
G168DQD	MW-168	05/03/2001	PROFILE	253.00	253.00	166.90	166.90
G168DRA	MW-168	05/04/2001	PROFILE	263.00	263.00	176.90	176.90
G168DSA	MW-168	05/04/2001	PROFILE	273.00	273.00	186.90	186.90
G168DTA	MW-168	05/04/2001	PROFILE	283.00	283.00	196.90	196.90
PA-1006101-102	90MW104A	04/30/2001	PROFILE	25.00	30.00	5.60	10.60
PA-1006103-104	90MW104A	04/30/2001	PROFILE	35.00	40.00	15.60	20.60
PA-1006201-203	90MW104A	04/30/2001	PROFILE	45.00	50.00	25.60	30.60
PA-1006202-204D	90MW104A	04/30/2001	PROFILE	45.00	50.00	25.60	30.60
PA-1006205-206	90MW104A	04/30/2001	PROFILE	55.00	60.00	35.60	40.60
PA-1006301-302	90MW104A	04/30/2001	PROFILE	65.00	70.00	45.60	50.60
PA-1006401-402	90MW104A	05/01/2001	PROFILE	75.00	80.00	55.60	60.60
PA-1006403-404	90MW104A	05/01/2001	PROFILE	85.00	90.00	65.60	70.60
PA-1006501-502	90MW104A	05/01/2001	PROFILE	95.00	100.00	75.60	80.60

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
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TABLE 2
SAMPLING PROGRESS
4/28/2001-5/4/2001

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
PA-1006503-504	90MW104A	05/01/2001	PROFILE	105.00	110.00	85.60	90.60
PA-1006601-602	90MW104A	05/01/2001	PROFILE	115.00	120.00	95.60	100.60
PA-1006603-604	90MW104A	05/01/2001	PROFILE	125.00	130.00	105.60	110.60
PA-1006701-702	90MW104A	05/01/2001	PROFILE	135.00	140.00	115.60	120.60
HC102LC1AAA	102LC	05/04/2001	SOIL GRID	0.00	0.25		
HC102LC1BAA	102LC	05/04/2001	SOIL GRID	0.25	0.50		
HC102LC1CAA	102LC	05/04/2001	SOIL GRID	0.50	1.00		
HC136C1AAA	136C	04/30/2001	SOIL GRID	0.00	0.50		
HC136C1BAA	136C	04/30/2001	SOIL GRID	1.50	2.00		
HC141B1AAA	141B	04/30/2001	SOIL GRID	0.00	0.25		
HC141B1BAA	141B	04/30/2001	SOIL GRID	0.25	0.50		
HC141B1CAA	141B	04/30/2001	SOIL GRID	0.50	1.00		
HC141C1AAA	141C	04/30/2001	SOIL GRID	0.00	0.25		
HC141C1BAA	141C	04/30/2001	SOIL GRID	0.25	0.50		
HC141C1CAA	141C	04/30/2001	SOIL GRID	0.50	1.00		
HC141C1CAD	141C	04/30/2001	SOIL GRID	0.50	1.00		
HC141D1AAA	141D	05/01/2001	SOIL GRID	0.00	0.25		
HC141D1BAA	141D	05/01/2001	SOIL GRID	0.25	0.50		
HC141D1CAA	141D	05/01/2001	SOIL GRID	0.50	1.00		
HD102BA1AAA	102BA	05/02/2001	SOIL GRID	0.00	0.25		
HD102BA1BAA	102BA	05/02/2001	SOIL GRID	0.25	0.50		
HD102BA1CAA	102BA	05/02/2001	SOIL GRID	0.50	1.00		
HD102BA2AAA	102BA	05/02/2001	SOIL GRID	0.00	0.25		
HD102BA2BAA	102BA	05/02/2001	SOIL GRID	0.25	0.50		
HD102BA2CAA	102BA	05/02/2001	SOIL GRID	0.50	1.00		
HD102BA3AAA	102BA	05/02/2001	SOIL GRID	0.00	0.25		
HD102BA3BAA	102BA	05/02/2001	SOIL GRID	0.25	0.50		
HD102BA3CAA	102BA	05/02/2001	SOIL GRID	0.50	1.00		
HD102BA4AAA	102BA	05/02/2001	SOIL GRID	0.00	0.25		
HD102BA4BAA	102BA	05/02/2001	SOIL GRID	0.25	0.50		
HD102BA4CAA	102BA	05/02/2001	SOIL GRID	0.50	1.00		
HD102BA5AAA	102BA	05/02/2001	SOIL GRID	0.00	0.25		
HD102BA5BAA	102BA	05/02/2001	SOIL GRID	0.25	0.50		
HD102BA5BAD	102BA	05/02/2001	SOIL GRID	0.25	0.50		
HD102BA5CAA	102BA	05/02/2001	SOIL GRID	0.50	1.00		
HD102GA1AAA	102GA	05/01/2001	SOIL GRID	0.00	0.25		
HD102GA1BAA	102GA	05/01/2001	SOIL GRID	0.25	0.50		
HD102GA1CAA	102GA	05/01/2001	SOIL GRID	0.50	1.00		
HD102GA2AAA	102GA	05/01/2001	SOIL GRID	0.00	0.25		
HD102GA2BAA	102GA	05/01/2001	SOIL GRID	0.25	0.50		
HD102GA2CAA	102GA	05/01/2001	SOIL GRID	0.50	1.00		
HD102GA3AAA	102GA	05/01/2001	SOIL GRID	0.00	0.25		
HD102GA3BAA	102GA	05/01/2001	SOIL GRID	0.25	0.50		
HD102GA3CAA	102GA	05/01/2001	SOIL GRID	0.50	1.00		

Profiling methods include: Volatiles and Explosives
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TABLE 2
SAMPLING PROGRESS
4/28/2001-5/4/2001

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD102GA4AAA	102GA	05/01/2001	SOIL GRID	0.00	0.25		
HD102GA4BAA	102GA	05/01/2001	SOIL GRID	0.25	0.50		
HD102GA4CAA	102GA	05/01/2001	SOIL GRID	0.50	1.00		
HD102GA5AAA	102GA	05/01/2001	SOIL GRID	0.00	0.25		
HD102GA5BAA	102GA	05/01/2001	SOIL GRID	0.25	0.50		
HD102GA5CAA	102GA	05/01/2001	SOIL GRID	0.50	1.00		
HD102GA5CAD	102GA	05/01/2001	SOIL GRID	0.50	1.00		
HD102XA1AAA	102XA	05/03/2001	SOIL GRID	0.00	0.25		
HD102XA1BAA	102XA	05/03/2001	SOIL GRID	0.25	0.50		
HD102XA1CAA	102XA	05/03/2001	SOIL GRID	0.50	1.00		
HD102XA2AAA	102XA	05/03/2001	SOIL GRID	0.00	0.25		
HD102XA2BAA	102XA	05/03/2001	SOIL GRID	0.25	0.50		
HD102XA2CAA	102XA	05/03/2001	SOIL GRID	0.50	1.00		
HD102XA3AAA	102XA	05/03/2001	SOIL GRID	0.00	0.25		
HD102XA3BAA	102XA	05/03/2001	SOIL GRID	0.25	0.50		
HD102XA3CAA	102XA	05/03/2001	SOIL GRID	0.50	1.00		
HD102XA4AAA	102XA	05/03/2001	SOIL GRID	0.00	0.25		
HD102XA4BAA	102XA	05/03/2001	SOIL GRID	0.25	0.50		
HD102XA4CAA	102XA	05/03/2001	SOIL GRID	0.50	1.00		
HD102XA5AAA	102XA	05/03/2001	SOIL GRID	0.00	0.25		
HD102XA5BAA	102XA	05/03/2001	SOIL GRID	0.25	0.50		
HD102XA5BAD	102XA	05/03/2001	SOIL GRID	0.25	0.50		
HD102XA5CAA	102XA	05/03/2001	SOIL GRID	0.50	1.00		
HD102XB1AAA	102XB	05/03/2001	SOIL GRID	0.00	0.25		
HD102XB1BAA	102XB	05/04/2001	SOIL GRID	0.00	0.25		
HD102XB1CAA	102XB	05/04/2001	SOIL GRID	0.25	0.50		
HD102XB2AAA	102XB	05/03/2001	SOIL GRID	0.00	0.25		
HD102XB2BAA	102XB	05/04/2001	SOIL GRID	0.00	0.25		
HD102XB2CAA	102XB	05/04/2001	SOIL GRID	0.25	0.50		
HD102XB3AAA	102XB	05/03/2001	SOIL GRID	0.00	0.25		
HD102XB3BAA	102XB	05/04/2001	SOIL GRID	0.00	0.25		
HD102XB3CAA	102XB	05/04/2001	SOIL GRID	0.25	0.50		
HD102XB4AAA	102XB	05/03/2001	SOIL GRID	0.00	0.25		
HD102XB4BAA	102XB	05/04/2001	SOIL GRID	0.00	0.25		
HD102XB4CAA	102XB	05/04/2001	SOIL GRID	0.25	0.50		
HD102XB5AAA	102XB	05/03/2001	SOIL GRID	0.00	0.25		
HD102XB5BAA	102XB	05/04/2001	SOIL GRID	0.00	0.25		
HD102XB5BAD	102XB	05/04/2001	SOIL GRID	0.00	0.25		
HD102XB5CAA	102XB	05/04/2001	SOIL GRID	0.25	0.50		
HD102XB5CAD	102XB	05/04/2001	SOIL GRID	0.25	0.50		
HD132V1AAA	132V	04/30/2001	SOIL GRID	0.00	0.50		
HD141B1AAA	141B	04/30/2001	SOIL GRID	0.00	0.25		
HD141B1BAA	141B	04/30/2001	SOIL GRID	0.25	0.50		
HD141B1CAA	141B	04/30/2001	SOIL GRID	0.50	1.00		

Profiling methods include: Volatiles and Explosives
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TABLE 2
SAMPLING PROGRESS
4/28/2001-5/4/2001

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD141C1AAA	141C	04/30/2001	SOIL GRID	0.00	0.25		
HD141C1BAA	141C	04/30/2001	SOIL GRID	0.25	0.50		
HD141C1CAA	141C	04/30/2001	SOIL GRID	0.50	1.00		
HD141D1AAA	141D	05/01/2001	SOIL GRID	0.00	0.25		
HD141D1BAA	141D	05/01/2001	SOIL GRID	0.25	0.50		
HD141D1CAA	141D	05/01/2001	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
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TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 4/14/01-5/4/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W108M4A	MW-108	04/24/2001	GROUNDWATE	240.00	250.00	73.46	83.46	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W108M4A	MW-108	04/24/2001	GROUNDWATE	240.00	250.00	73.46	83.46	8330N	OCTAHYDRO-1,3,5,7-TETRANITI	YES
W111M3A	MW-111	04/25/2001	GROUNDWATE	165.00	175.00	29.10	39.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W135M2A	MW-135	04/26/2001	GROUNDWATE	280.00	290.00	90.10	100.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W16SSA	MW-16	04/26/2001	GROUNDWATE	125.00	135.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W16SSA	MW-16	04/26/2001	GROUNDWATE	125.00	135.00	0.00	10.00	8330N	NITROGLYCERIN	NO
W23M1A	MW-23	04/27/2001	GROUNDWATE	225.00	235.00	94.50	104.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W23M2D	MW-23	04/26/2001	GROUNDWATE	189.00	194.00	58.40	63.40	8330N	NITROGLYCERIN	NO
G168DAA	MW-168	05/02/2001	PROFILE	93.00	93.00	6.90	6.90	OC21V	ACETONE	
G168DAA	MW-168	05/02/2001	PROFILE	93.00	93.00	6.90	6.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G168DAA	MW-168	05/02/2001	PROFILE	93.00	93.00	6.90	6.90	OC21V	TOLUENE	
G168DBA	MW-168	05/02/2001	PROFILE	103.00	103.00	16.90	16.90	OC21V	ACETONE	
G168DBA	MW-168	05/02/2001	PROFILE	103.00	103.00	16.90	16.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G168DCA	MW-168	05/02/2001	PROFILE	113.00	113.00	26.90	26.90	OC21V	ACETONE	
G168DCA	MW-168	05/02/2001	PROFILE	113.00	113.00	26.90	26.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G168DCD	MW-168	05/02/2001	PROFILE	113.00	113.00	26.90	26.90	OC21V	ACETONE	
G168DCD	MW-168	05/02/2001	PROFILE	113.00	113.00	26.90	26.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G168DDA	MW-168	05/02/2001	PROFILE	123.00	123.00	36.90	36.90	OC21V	ACETONE	
G168DDA	MW-168	05/02/2001	PROFILE	123.00	123.00	36.90	36.90	OC21V	CHLOROMETHANE	
G168DDA	MW-168	05/02/2001	PROFILE	123.00	123.00	36.90	36.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G168DEA	MW-168	05/02/2001	PROFILE	133.00	133.00	46.90	46.90	OC21V	ACETONE	
G168DEA	MW-168	05/02/2001	PROFILE	133.00	133.00	46.90	46.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G168DFA	MW-168	05/03/2001	PROFILE	143.00	143.00	56.90	56.90	OC21V	ACETONE	
G168DFA	MW-168	05/03/2001	PROFILE	143.00	143.00	56.90	56.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G168DFD	MW-168	05/03/2001	PROFILE	143.00	143.00	56.90	56.90	OC21V	ACETONE	
G168DFD	MW-168	05/03/2001	PROFILE	143.00	143.00	56.90	56.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G168DGA	MW-168	05/03/2001	PROFILE	153.00	153.00	66.90	66.90	OC21V	ACETONE	
G168DGA	MW-168	05/03/2001	PROFILE	153.00	153.00	66.90	66.90	OC21V	CHLOROFORM	
G168DGA	MW-168	05/03/2001	PROFILE	153.00	153.00	66.90	66.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G168DHA	MW-168	05/03/2001	PROFILE	163.00	163.00	76.90	76.90	OC21V	ACETONE	
G168DHA	MW-168	05/03/2001	PROFILE	163.00	163.00	76.90	76.90	OC21V	CHLOROFORM	
G168DHA	MW-168	05/03/2001	PROFILE	163.00	163.00	76.90	76.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G168DIA	MW-168	05/03/2001	PROFILE	173.00	173.00	86.90	86.90	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

TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 4/14/01-5/4/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G168DIA	MW-168	05/03/2001	PROFILE	173.00	173.00	86.90	86.90	OC21V	CHLOROFORM	
G168DIA	MW-168	05/03/2001	PROFILE	173.00	173.00	86.90	86.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G168DJA	MW-168	05/03/2001	PROFILE	183.00	183.00	96.60	96.90	OC21V	ACETONE	
G168DJA	MW-168	05/03/2001	PROFILE	183.00	183.00	96.60	96.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G168DKA	MW-168	05/03/2001	PROFILE	193.00	193.00	106.90	106.90	OC21V	ACETONE	
G168DKA	MW-168	05/03/2001	PROFILE	193.00	193.00	106.90	106.90	OC21V	CHLOROETHANE	
G168DKA	MW-168	05/03/2001	PROFILE	193.00	193.00	106.90	106.90	OC21V	CHLOROMETHANE	
G168DKA	MW-168	05/03/2001	PROFILE	193.00	193.00	106.90	106.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G168DLA	MW-168	05/03/2001	PROFILE	203.00	203.00	116.90	116.90	OC21V	ACETONE	
G168DLA	MW-168	05/03/2001	PROFILE	203.00	203.00	116.90	116.90	OC21V	CHLOROETHANE	
G168DLA	MW-168	05/03/2001	PROFILE	203.00	203.00	116.90	116.90	OC21V	CHLOROMETHANE	
G168DLA	MW-168	05/03/2001	PROFILE	203.00	203.00	116.90	116.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G168DMA	MW-168	05/03/2001	PROFILE	213.00	213.00	126.90	126.90	OC21V	ACETONE	
G168DMA	MW-168	05/03/2001	PROFILE	213.00	213.00	126.90	126.90	OC21V	CHLOROFORM	
G168DMA	MW-168	05/03/2001	PROFILE	213.00	213.00	126.90	126.90	OC21V	METHYL ETHYL KETONE (2-BUT	
HD61FA5AAA	61FA	04/17/2001	SOIL GRID	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	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

Groundwater Wells at MMR

LEGEND

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

0 0.5 1 Miles

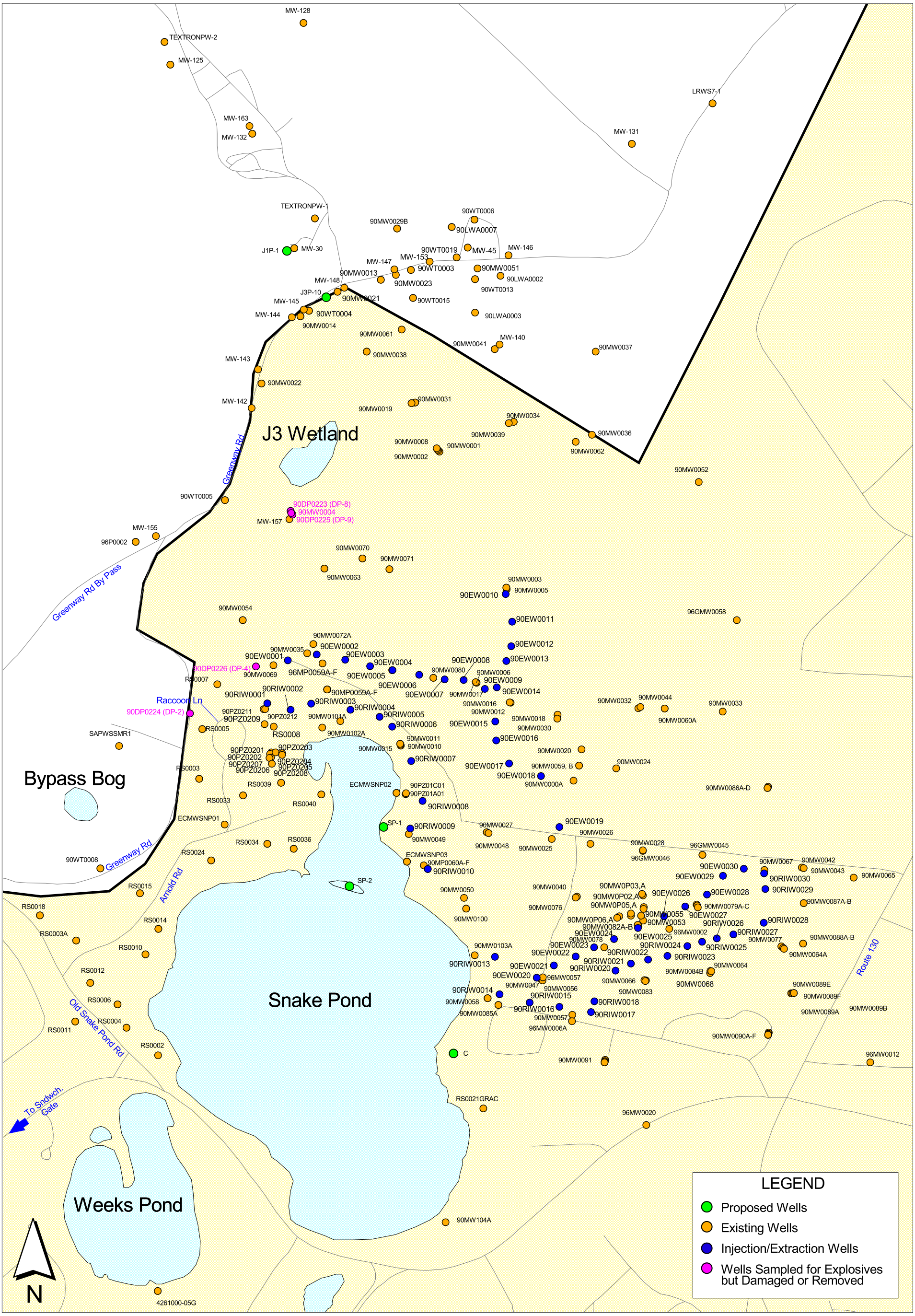
IAGWSP

See Inset A

J:\GIS\May2001\All_MMR_Wells.pdf
G:\MMR\MMR\arcVprj\all_wells.apr
May 4, 2001 PRC

N

Inset A



0 600 1200 Feet

J:\GIS\May2001\all_mmr_wells_inset_a.pdf
G:\MMR\MMR\arcVprj\concentbox.apr
May 4, 2001 PRC