WEEKLY PROGRESS UPDATE
FOR FEBRUARY 14 – FEBRUARY 18, 2000

EPA REGION I ADMINISTRATIVE ORDER SDWA I-97-1019
MASSACHUSETTS MILITARY RESERVATION
TRAINING RANGE AND IMPACT AREA

The following summary of progress is for the period from February 14 to February 18, 2000.

1. SUMMARY OF ACTIONS TAKEN

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

Table 1. Drilling progress as of February 18, 2000

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-87	Impact Area Response Well (P-16)	64		
MW-86	Impact Area Response Well (P-12)	210	72	

bgs = below ground surface
bwt = below water table

Drilling continued at MW-86 (Impact Area response well P-12) and drilling commenced on MW-87 (Impact Area response well P-16). Well development commenced on MW-85 wells. UXO clearance continued on Turpentine Road and at the Impact Area response well pads. UXO avoidance was completed at soil sampling locations for Gun and Mortar positions.

Samples collected during the reporting period are summarized in Table 2. The third round of groundwater sampling was completed for the Coast Guard water supply well. The second round of sampling was completed for the steel lined pit well (MW-58). The first round of sampling was completed for Demo 1 response wells. Soil and groundwater profile samples were collected during drilling at the boring for MW-86. Soil sampling continued on the Gun and Mortar positions at former GP-2 (Area 52), former GP-3 (Area 53), former GP-16 (Area 66), former MP-1 (Area 71), MP-2 (Area 72), former MP-2 (Area 73), former MP-3 (Area 74), MP-7 (Area 76), and MP-9 (Area 77). Soil samples were collected during drilling at the boring for MW-87.

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

- An update of the CS-19 investigation was presented by Jacobs Engineering. Downhole UXO clearance is complete on 58MW0016 and 58MW0015. 58MW0015 is at a depth of 118 bgs and has reached the water table. Currently behind schedule due to weather and road conditions, therefore a second rig is scheduled to mobilize on Monday. The laboratory indicated that the profile samples from the auger rig do not have the interference seen with the Barber rig profile samples. A 1-page map of the surface soil samples was provided to the Guard to show their locations in relation to the 105 mm UXO detonation crater. The Guard will look at these locations relative to the crater next week. The schedule of activities is to have the drilling finish by March 2nd and the groundwater sampling start on the 6th.

- An update of the Munitions Survey was presented by Tetra Tech. The surveyors have completed the Gun and Mortar work and will be remobilized to do the water bodies, slit trench, and HUTA. The

geophysical survey is finishing the first two tasks and the data from Gun and Mortar positions are expected next week. Continue to clear brush in Demo 1. Currently finishing the HUTA selection report and it is scheduled be delivered tomorrow. EPA requested the status of the revised Appendix C. Tetra Tech indicated that it is still in progress. EPA indicated that the Gantt Chart did not include the HUTA. Ogden and EPA requested a copy of the current schedule.

- Ogden presented an update of the RRA. Preparation of the workplan is on schedule with an internal conference call on Tuesday to discuss Guard comments. Ogden indicated that they have discussed the status of the washed rocks from the berm maintenance program with the EPA and they will prepare a letter to the EPA requesting that the rocks be used for training area maintenance.

- EPA received the public involvement plan for AO3 on Monday 2/14. DEP indicated that they did not receive a Public Involvement Plan from the Guard but had received a copy from EPA, and asked that the Guard provide plans to DEP directly. The Guard indicated they would check into the distribution problem. EPA and DEP requested a more detailed schedule for community involvement prior to the March 1 submittal of the RRA Workplan. This should be sent by letter or email.

- Ogden presented an update of the Groundwater Investigation. Continue to drill on MW-86 (P-12) and have started drilling on MW-87 (P-16). Finishing the sampling of the Demo 1 response wells, the steel lined pit well, and the Coast Guard Station well. This is the last groundwater sampling scheduled until mid March. Continue to soil sample at the Gun and Mortar positions and are on schedule to finish before the deadline. A reconnaissance of the kettle hole south of Demo-1 was completed today. Photographs of the kettle hole will be distributed next week. The Interim Long-term Groundwater Report is due to the Guard for review on the 22nd, and to the agencies by March 2. Ogden requested that the agencies expedite their reviews because the report includes the schedule of the groundwater sampling for 2000. An e-mail was sent on Monday indicating that a detection of MCPA was inadvertently omitted from the monthly report. The detection was qualified as tentatively identified (NJ). The Ogden chemist indicated that the compound was also detected in the method blank and validation will be revised as undetected with an estimated detection limit (UJ). A 1-page map of the revised former MP-2 locations was distributed for review. The J Range Response Plan will be distributed later today.

- Some questions on AO3 were discussed. Ogden asked whether the April 7 deadline for the FS Workplan includes the portion of the workplan addressing the UXO AOC. EPA will check on this. Ogden suggested that the FS Workplan would reference the ongoing response plans and studies rather than recreating these, and EPA concurred. The Guard asked for a meeting next week with the agencies to discuss studies underway at each AOC and how these would figure into the FS process. A meeting was agreed for Wednesday 2/23 at 1300. The technical meeting will be Thursday at 1130 as usual.

- The Guard distributed 7-page and 2-page handouts on the UXO conferences in San Diego and Anaheim.

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:

- The groundwater sample from MW-71M1 had a detection of 1,3,5-trinitrobenzene, which was not verified by PDA spectra.

3. DELIVERABLES SUBMITTED

The following deliverables were submitted during this reporting period:

August 3, 1999 UXO Blow-in-Place (BIP) Results Summary	2/14/00
Draft IAGS Technical Team Memorandum 99-6	2/17/00
Weekly Progress Update (January 31-February 4)	2/18/00
Weekly Progress Update (February 7 - 11)	2/18/00

4. SCHEDULED ACTIONS

Scheduled actions for the week of February 21 include the continued soil sampling of Gun and Mortar positions; continued UXO clearance of Impact Area response well pads; and the continued drilling of Impact Area response wells.

5. SUMMARY OF ACTIVITIES FOR DEMO 1

A reconnaissance of the kettle hole south of Demo 1 was conducted on February 17th.

Crews will continue clearing brush this week and will continue next week for the Munitions Survey work in Demo 1.

TABLE 2
SAMPLING PROGRESS
2/14/00-2/18/00

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G86AAE	FIELDQC	02/17/2000	FIELDQC	0.00	0.00		
G86DAE	FIELDQC	02/18/2000	FIELDQC	0.00	0.00		
HC52A1AAT	FIELDQC	02/18/2000	FIELDQC	0.00	0.00		
HC53A1BAE	FIELDQC	02/15/2000	FIELDQC	0.00	0.00		
HC53H1BAT	FIELDQC	02/16/2000	FIELDQC	0.00	0.00		
HC53O1BAE	FIELDQC	02/17/2000	FIELDQC	0.00	0.00		
HC53P1AAT	FIELDQC	02/14/2000	FIELDQC	0.00	0.00		
HC66E1AAE	FIELDQC	02/18/2000	FIELDQC	0.00	0.00		
HC72A1BAE	FIELDQC	02/16/2000	FIELDQC	0.00	0.00		
HC73O1BAE	FIELDQC	02/14/2000	FIELDQC	0.00	0.00		
HC76A1AAT	FIELDQC	02/17/2000	FIELDQC	0.00	0.00		
S86AAE	FIELDQC	02/14/2000	FIELDQC	0.00	0.00		
S86FAE	FIELDQC	02/15/2000	FIELDQC	0.00	0.00		
S86LAE	FIELDQC	02/16/2000	FIELDQC	0.00	0.00		
S87CAE	FIELDQC	02/17/2000	FIELDQC	0.00	0.00		
S87CAF	FIELDQC	02/17/2000	FIELDQC	0.00	0.00		
S87EAE	FIELDQC	02/18/2000	FIELDQC	0.00	0.00		
W58SST	FIELDQC	02/15/2000	FIELDQC	0.00	0.00		
USCGANTST	USCGANTST	02/14/2000	GROUNDWATER				
W58SSA	MW-58	02/15/2000	GROUNDWATER	100.00	110.00	-3.53	6.47
W74M1A	MW-74	02/14/2000	GROUNDWATER	170.00	180.00	72.15	82.15
W74M2A	MW-74	02/14/2000	GROUNDWATER	125.00	135.00	27.15	37.15
W74M2D	MW-74	02/14/2000	GROUNDWATER	125.00	135.00	27.15	37.15
W74M3A	MW-74	02/14/2000	GROUNDWATER	100.00	110.00	3.30	13.30
GAC14	GAC WATER	02/17/2000	IDW				
SC5701	SOIL CUTTINGS	02/16/2000	IDW	0.00	0.25		
SC5702	SOIL CUTTINGS	02/16/2000	IDW	0.00	0.25		
SC6001	SOIL CUTTINGS	02/16/2000	IDW	0.00	0.25		
SC6002	SOIL CUTTINGS	02/16/2000	IDW	0.00	0.25		
SC6101	SOIL CUTTINGS	02/16/2000	IDW	0.00	0.25		
SC6102	SOIL CUTTINGS	02/16/2000	IDW	0.00	0.25		
SC7301	SOIL CUTTINGS	02/16/2000	IDW	0.00	0.25		
SC7302	SOIL CUTTINGS	02/16/2000	IDW	0.00	0.25		
SC7401	SOIL CUTTINGS	02/16/2000	IDW	0.00	0.25		
SC7402	SOIL CUTTINGS	02/16/2000	IDW	0.00	0.25		
SC7501	SOIL CUTTINGS	02/16/2000	IDW	0.00	0.25		
SC7502	SOIL CUTTINGS	02/16/2000	IDW	0.00	0.25		
SC7701	SOIL CUTTINGS	02/16/2000	IDW	0.00	0.25		
SC7702	SOIL CUTTINGS	02/16/2000	IDW	0.00	0.25		
SC7801	SOIL CUTTINGS	02/16/2000	IDW	0.00	0.25		
SC7802	SOIL CUTTINGS	02/16/2000	IDW	0.00	0.25		
SC8501	SOIL CUTTINGS	02/16/2000	IDW	0.00	0.25		
SC8502	SOIL CUTTINGS	02/16/2000	IDW	0.00	0.25		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
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2/14/00-2/18/00

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G86AAA	MW-86	02/17/2000	PROFILE	150.00	150.00	12.00	12.00
G86BAA	MW-86	02/17/2000	PROFILE	160.00	160.00	22.00	22.00
G86CAA	MW-86	02/17/2000	PROFILE	170.00	170.00	32.00	32.00
G86DAA	MW-86	02/18/2000	PROFILE	180.00	180.00	42.00	42.00
G86EAA	MW-86	02/18/2000	PROFILE	190.00	190.00	52.00	52.00
G86EAD	MW-86	02/18/2000	PROFILE	190.00	190.00	52.00	52.00
G86FAA	MW-86	02/18/2000	PROFILE	200.00	200.00	62.00	62.00
G86GAA	MW-86	02/18/2000	PROFILE	210.00	210.00	72.00	72.00
S86AAA	86A	02/14/2000	SOIL BORING	0.00	0.50		
S86BAA	86B	02/14/2000	SOIL BORING	1.50	2.00		
S86FAA	86F	02/15/2000	SOIL BORING	40.00	42.00		
S86GAA	86G	02/15/2000	SOIL BORING	50.00	52.00		
S86HAA	86H	02/15/2000	SOIL BORING	60.00	62.00		
S86IAA	86I	02/15/2000	SOIL BORING	70.00	72.00		
S86JAA	86J	02/15/2000	SOIL BORING	80.00	82.00		
S86KAA	86K	02/15/2000	SOIL BORING	90.00	92.00		
S86KAD	86K	02/15/2000	SOIL BORING	90.00	92.00		
S86LAA	86L	02/16/2000	SOIL BORING	100.00	102.00		
S86MAA	86M	02/16/2000	SOIL BORING	110.00	112.00		
S86NAA	86N	02/16/2000	SOIL BORING	120.00	122.00		
S86OAA	86O	02/16/2000	SOIL BORING	130.00	132.00		
S86PAA	86P	02/17/2000	SOIL BORING	140.00	142.00		
HC52A1AAA	52A	02/18/2000	SOIL GRID	0.00	0.50		
HC52A1AAD	52A	02/18/2000	SOIL GRID	0.00	0.50		
HC52A1BAA	52A	02/18/2000	SOIL GRID	1.50	2.00		
HC52A1BAD	52A	02/18/2000	SOIL GRID	1.50	2.00		
HC52D1AAA	52D	02/18/2000	SOIL GRID	0.00	0.50		
HC52D1AAD	52D	02/18/2000	SOIL GRID	0.00	0.50		
HC52D1BAA	52D	02/18/2000	SOIL GRID	1.50	2.00		
HC52N1AAA	52N	02/18/2000	SOIL GRID	0.00	0.50		
HC52N1BAA	52N	02/18/2000	SOIL GRID	1.50	2.00		
HC52P1AAA	52P	02/18/2000	SOIL GRID	0.00	0.50		
HC52P1AAD	52P	02/18/2000	SOIL GRID	0.00	0.50		
HC52P1BAA	52P	02/18/2000	SOIL GRID	1.50	2.00		
HC53A1AAA	53A	02/15/2000	SOIL GRID	0.00	0.50		
HC53A1BAA	53A	02/15/2000	SOIL GRID	1.50	2.00		
HC53B1AAA	53B	02/15/2000	SOIL GRID	0.00	0.50		
HC53B1BAA	53B	02/15/2000	SOIL GRID	1.50	2.00		
HC53C1AAA	53C	02/16/2000	SOIL GRID	0.00	0.50		
HC53C1BAA	53C	02/16/2000	SOIL GRID	1.50	2.00		
HC53D1AAA	53D	02/17/2000	SOIL GRID	0.00	0.50		
HC53D1BAA	53D	02/17/2000	SOIL GRID	1.50	2.00		
HC53E1AAA	53E	02/15/2000	SOIL GRID	0.00	0.50		
HC53E1BAA	53E	02/15/2000	SOIL GRID	1.50	2.00		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
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2/14/00-2/18/00

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC53F1AAA	53F	02/16/2000	SOIL GRID	0.00	0.50		
HC53F1BAA	53F	02/16/2000	SOIL GRID	1.50	2.00		
HC53G1AAA	53G	02/16/2000	SOIL GRID	0.00	0.50		
HC53G1AAD	53G	02/16/2000	SOIL GRID	0.00	0.50		
HC53G1BAA	53G	02/16/2000	SOIL GRID	1.50	2.00		
HC53H1AAA	53H	02/16/2000	SOIL GRID	0.00	0.50		
HC53H1BAA	53H	02/16/2000	SOIL GRID	1.50	2.00		
HC53I1AAA	53I	02/17/2000	SOIL GRID	0.00	0.50		
HC53I1BAA	53I	02/17/2000	SOIL GRID	1.50	2.00		
HC53J1AAA	53J	02/17/2000	SOIL GRID	0.00	0.50		
HC53J1AAD	53J	02/17/2000	SOIL GRID	0.00	0.50		
HC53J1BAA	53J	02/17/2000	SOIL GRID	1.50	2.00		
HC53K1AAA	53K	02/17/2000	SOIL GRID	0.00	0.50		
HC53K1AAD	53K	02/17/2000	SOIL GRID	0.00	0.50		
HC53K1BAA	53K	02/17/2000	SOIL GRID	1.50	2.00		
HC53L1AAA	53L	02/14/2000	SOIL GRID	0.00	0.50		
HC53L1BAA	53L	02/14/2000	SOIL GRID	1.50	2.00		
HC53M1AAA	53M	02/15/2000	SOIL GRID	0.00	0.50		
HC53M1BAA	53M	02/15/2000	SOIL GRID	1.50	2.00		
HC53N1AAA	53N	02/16/2000	SOIL GRID	0.00	0.50		
HC53N1AAD	53N	02/16/2000	SOIL GRID	0.00	0.50		
HC53N1BAA	53N	02/16/2000	SOIL GRID	1.50	2.00		
HC53O1AAA	53O	02/17/2000	SOIL GRID	0.00	0.50		
HC53O1BAA	53O	02/17/2000	SOIL GRID	1.50	2.00		
HC53P1AAA	53P	02/14/2000	SOIL GRID	0.00	0.50		
HC53P1AAD	53P	02/14/2000	SOIL GRID	0.00	0.50		
HC53P1BAA	53P	02/14/2000	SOIL GRID	1.50	2.00		
HC53Q1AAA	53Q	02/14/2000	SOIL GRID	0.00	0.50		
HC53Q1BAA	53Q	02/14/2000	SOIL GRID	1.50	2.00		
HC53R1AAA	53R	02/16/2000	SOIL GRID	0.00	0.50		
HC53R1BAA	53R	02/16/2000	SOIL GRID	1.50	2.00		
HC53S1AAA	53S	02/17/2000	SOIL GRID	0.00	0.50		
HC53S1AAD	53S	02/17/2000	SOIL GRID	0.00	0.50		
HC53S1BAA	53S	02/17/2000	SOIL GRID	1.50	2.00		
HC53T1AAA	53T	02/14/2000	SOIL GRID	0.00	0.50		
HC53T1BAA	53T	02/14/2000	SOIL GRID	1.50	2.00		
HC66A1AAA	66A	02/17/2000	SOIL GRID	0.00	0.50		
HC66B1AAA	66B	02/18/2000	SOIL GRID	0.00	0.50		
HC66D1AAA	66D	02/17/2000	SOIL GRID	0.00	0.50		
HC66D1BAA	66D	02/17/2000	SOIL GRID	1.50	2.00		
HC66E1AAA	66E	02/18/2000	SOIL GRID	0.00	0.50		
HC66F1AAA	66F	02/18/2000	SOIL GRID	0.00	0.50		
HC66F1BAA	66F	02/18/2000	SOIL GRID	1.50	2.00		
HC66F1BAD	66F	02/18/2000	SOIL GRID	1.50	2.00		

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2/14/00-2/18/00

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC66H1AAA	66H	02/18/2000	SOIL GRID	0.00	0.50		
HC66H1BAA	66H	02/18/2000	SOIL GRID	1.50	2.00		
HC66I1AAA	66I	02/18/2000	SOIL GRID	0.00	0.50		
HC71A1AAA	71A	02/16/2000	SOIL GRID	0.00	0.50		
HC71A1BAA	71A	02/16/2000	SOIL GRID	1.50	2.00		
HC71B1AAA	71B	02/16/2000	SOIL GRID	0.00	0.50		
HC71B1BAA	71B	02/16/2000	SOIL GRID	1.50	2.00		
HC72A1AAA	72A	02/16/2000	SOIL GRID	0.00	0.50		
HC72A1BAA	72A	02/16/2000	SOIL GRID	1.50	2.00		
HC72B1AAA	72B	02/16/2000	SOIL GRID	0.00	0.50		
HC72B1AAD	72B	02/16/2000	SOIL GRID	0.00	0.50		
HC72B1BAA	72B	02/16/2000	SOIL GRID	1.50	2.00		
HC73H1AAA	73H	02/15/2000	SOIL GRID	0.00	0.50		
HC73H1BAA	73H	02/15/2000	SOIL GRID	1.50	2.00		
HC73I1AAA	73I	02/15/2000	SOIL GRID	0.00	0.50		
HC73I1BAA	73I	02/15/2000	SOIL GRID	1.50	2.00		
HC73K1BAA	73K	02/15/2000	SOIL GRID	1.50	2.00		
HC73L1AAA	73L	02/15/2000	SOIL GRID	0.00	0.50		
HC73L1BAA	73L	02/15/2000	SOIL GRID	1.50	2.00		
HC73M1AAA	73M	02/14/2000	SOIL GRID	0.00	0.50		
HC73M1AAD	73M	02/14/2000	SOIL GRID	0.00	0.50		
HC73M1BAA	73M	02/14/2000	SOIL GRID	1.50	2.00		
HC73M1BAD	73M	02/14/2000	SOIL GRID	1.50	2.00		
HC73N1AAA	73N	02/15/2000	SOIL GRID	0.00	0.50		
HC73N1BAA	73N	02/15/2000	SOIL GRID	1.50	2.00		
HC73O1AAA	73M	02/14/2000	SOIL GRID	0.00	0.50		
HC73O1AAD	73O	02/14/2000	SOIL GRID	0.00	0.50		
HC73O1BAA	73M	02/14/2000	SOIL GRID	1.50	2.00		
HC73O1BAD	73O	02/14/2000	SOIL GRID	1.50	2.00		
HC73P1AAA	73P	02/16/2000	SOIL GRID	0.00	0.50		
HC73P1BAA	73P	02/16/2000	SOIL GRID	1.50	2.00		
HC73Q1AAA	73Q	02/15/2000	SOIL GRID	0.00	0.50		
HC73Q1BAA	73Q	02/15/2000	SOIL GRID	1.50	2.00		
HC73R1AAA	73R	02/14/2000	SOIL GRID	0.00	0.50		
HC73R1BAA	73R	02/14/2000	SOIL GRID	1.50	2.00		
HC74A1AAA	74A	02/16/2000	SOIL GRID	0.00	0.50		
HC74A1BAA	74A	02/16/2000	SOIL GRID	1.50	2.00		
HC76A1AAA	76A	02/17/2000	SOIL GRID	0.00	0.50		
HC76A1BAA	76A	02/17/2000	SOIL GRID	1.50	2.00		
HC76B1AAA	76B	02/17/2000	SOIL GRID	0.00	0.50		
HC76B1AAD	76B	02/17/2000	SOIL GRID	0.00	0.50		
HC76B1BAA	76B	02/17/2000	SOIL GRID	1.50	2.00		
HC76B1BAD	76B	02/17/2000	SOIL GRID	1.50	2.00		
HC76C1AAA	76C	02/17/2000	SOIL GRID	0.00	0.50		

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2/14/00-2/18/00

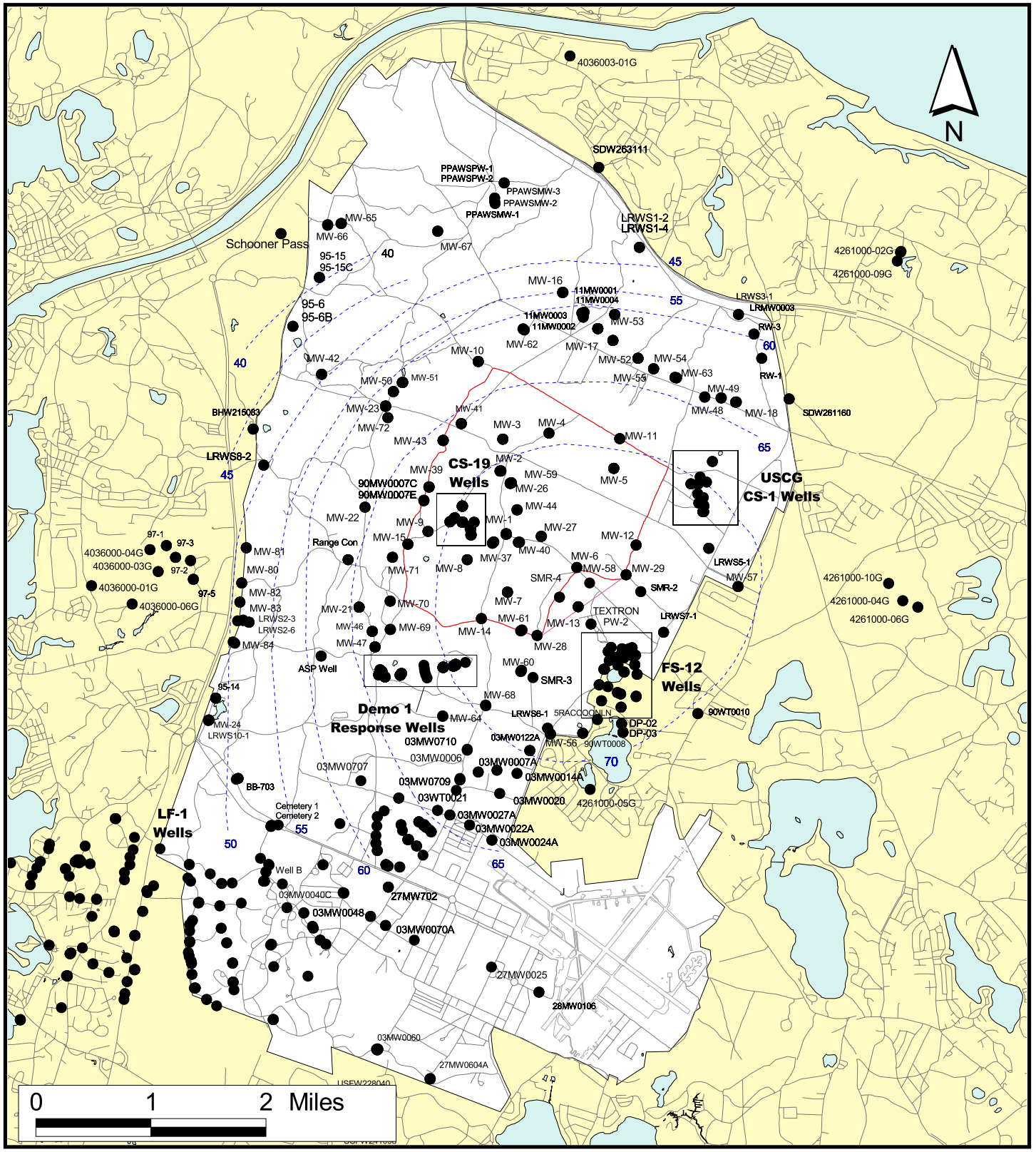
OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC76C1AAD	76C	02/17/2000	SOIL GRID	0.00	0.50		
HC76C1BAA	76C	02/17/2000	SOIL GRID	1.50	2.00		
HC76C1BAD	76C	02/17/2000	SOIL GRID	1.50	2.00		
HC77A1AAA	77A	02/17/2000	SOIL GRID	0.00	0.50		
HC77A1AAD	77A	02/17/2000	SOIL GRID	0.00	0.50		
HC77B1BAA	77B	02/17/2000	SOIL GRID				
S87CAA	87C	02/17/2000	SOIL GRID	10.00	12.00		
S87DAA	87D	02/17/2000	SOIL GRID	22.00	24.00		
S87EAA	87E	02/18/2000	SOIL GRID	30.00	32.00		
S87FAA	87F	02/18/2000	SOIL GRID	40.00	44.00		
S87GAA	87G	02/18/2000	SOIL GRID	50.00	52.00		
S87HAA	87H	02/18/2000	SOIL GRID	60.00	64.00		
S87HAD	87H	02/18/2000	SOIL GRID	60.00	64.00		

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 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 2/14/00-2/18/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W71M1A	MW-71	02/08/2000	GROUNDWATER	180.00	190.00	18.82	28.82	8330N	1,3,5-TRINITROBENZENE	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



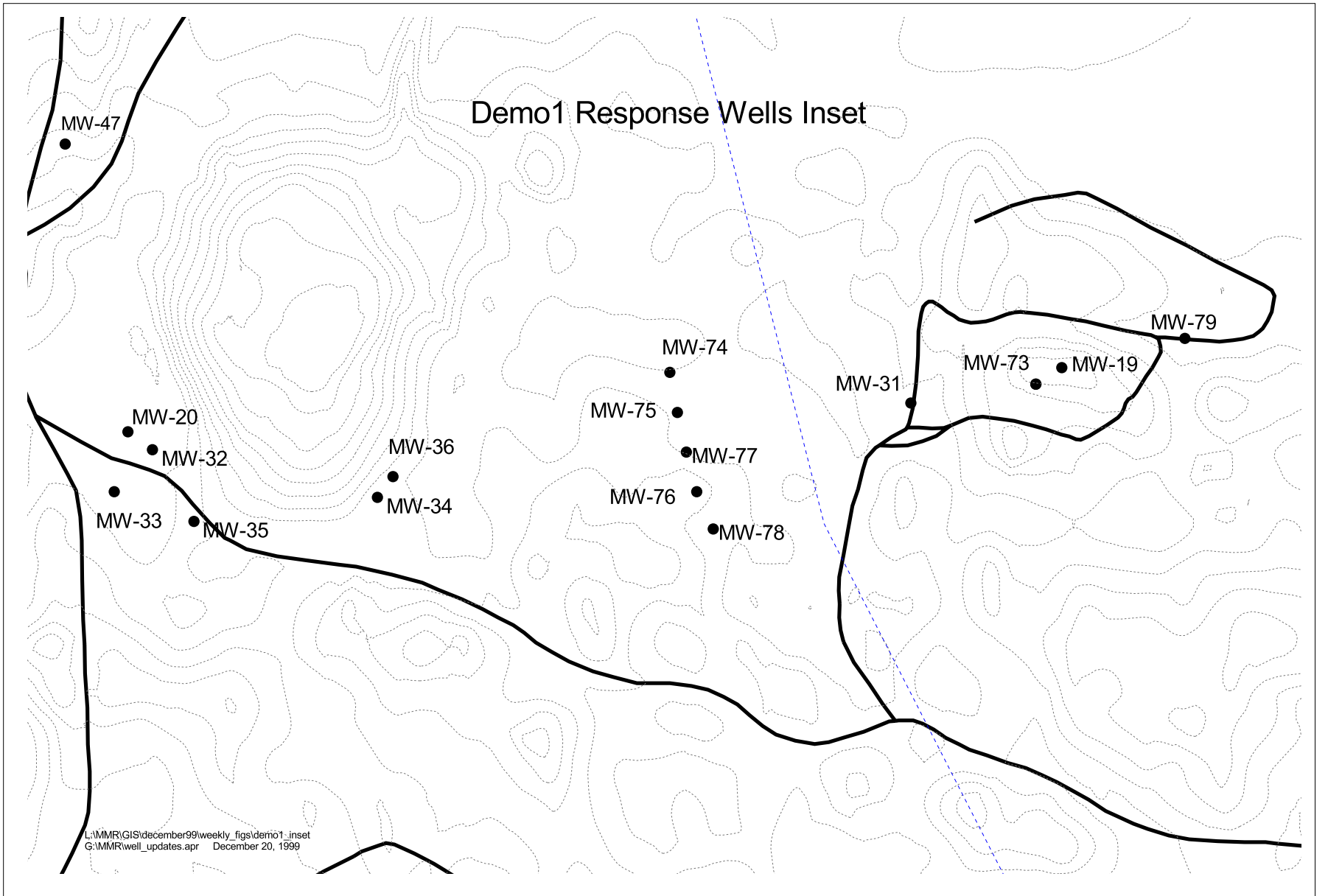
Sources & Notes

Map Coordinates: Stateplane,
NAD83, Zone 4151, Meters
Source: MASSGIS

Location of Existing and Proposed Groundwater Monitoring Wells As Of 12/16/99

L:\MMR\GIS\december99\weekly_figs\dec1699_wells
G:\MMR\well_updates.apr December 20, 1999

December 16, 1999 DRAFT


Demo1 Response Wells Inset
MW-47
MW-79
MW-74
MW-73
MW-19
MW-31
MW-75
MW-20
MW-32
MW-36
MW-77
MW-34
MW-76
MW-33
MW-35
MW-78
L:\MMR\GIS\december99\weekly_figs\demo1_inset
G:\MMR\well_updates.apr December 20, 1999