

**WEEKLY PROGRESS UPDATE
FOR FEBRUARY 28 – MARCH 3, 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 28 to March 3, 2000.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of March 3 is summarized in Table 1.

Table 1. Drilling progress as of March 3, 2000				
Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-86	Impact Area Response Well (P-12)	251	113	143-153 158-168 208-218
MW-87	Impact Area Response Well (P-16)	245	111	140-150 169-179 194-204
MW-88	Impact Area Response Well (P-15)	90		
MW-89	Impact Area Response Well (P-14)	75		
bgs = below ground surface bwt = below water table				

Well installation was completed at MW-86 (Impact Area response well P-12) and on MW-87 (Impact Area response well P-16). Drilling commenced on MW-88 (Impact Area response well P-15) and on MW-89 (Impact Area response well P-14). UXO clearance continued on Turpentine Road and at the Impact Area response well pads.

Samples collected during the reporting period are summarized in Table 2. Groundwater samples were collected from the second round of sampling Group 2 new far field wells (MW-48, MW-49, and MW-84). Soil samples were collected during drilling at the borings for MW-88 and –89. Soil sampling was completed at the Gun and Mortar positions with the sampling of former MP-4 (Area 75). Development continued on the newly installed Impact Area response wells. There was no work performed in the Impact Area from 10:00 AM to 4:00 PM on 3/1/00 due to the controlled burn. The UXO in Demo 1 was detonated on 3/3/00. There was no Technical Meeting during this reporting period. A conference call was conducted on 3/2/00 to discuss several issues, including preliminary results of Mortar Target soil sampling and Demo 1 dioxin sampling.

2. SUMMARY OF DATA RECEIVED

There were no detections in the rush data during this reporting period.

3. DELIVERABLES SUBMITTED

The following deliverables were submitted during this reporting period:

Draft Interim Long Term Groundwater Monitoring Plan

3/1/00

4. SCHEDULED ACTIONS

Scheduled actions for the week of March 6 include continued UXO clearance of Impact Area response well pads and Mortar Target well pads; completion of the drilling and well installation of Impact Area response wells at location P-14 (MW-89) and P-15 (MW-88); and the collection of the Mortar Target overhang samples.

5. SUMMARY OF ACTIVITIES FOR DEMO 1

The Guard and regulatory agencies discussed the preliminary results of dioxin analyses for the recent samples in Demo 1. Sample concentrations generally exceeded the RCS1 standards under the MCP. It was agreed to review the dioxin levels measured by AFCEE in CS-19, and any available background levels, for the purpose of comparison. UXO was detonated on Friday 3/3/00. Crews will continue the Munitions Survey work in Demo 1.

TABLE 2
 SAMPLING PROGRESS
 2/28/00-3/3/00

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
S88DCE	FIELDQC	03/03/2000	FIELDQC	0.00	0.00		
S88DCT	FIELDQC	03/02/2000	FIELDQC	0.00	0.00		
S88DEE	FIELDQC	03/03/2000	FIELDQC	0.00	0.00		
W48DDT	FIELDQC	02/29/2000	FIELDQC	0.00	0.00		
W48M3T	FIELDQC	02/28/2000	FIELDQC	0.00	0.00		
W49SST	FIELDQC	03/01/2000	FIELDQC	0.00	0.00		
W84SST	FIELDQC	03/03/2000	FIELDQC	0.00	0.00		
W48DDA	MW-48	02/29/2000	GROUNDWATER	221.00	231.00	117.60	127.60
W48M1A	MW-48	02/29/2000	GROUNDWATER	191.00	201.00	88.30	98.30
W48M2A	MW-48	02/28/2000	GROUNDWATER	161.00	171.00	58.50	68.50
W48M3A	MW-48	02/28/2000	GROUNDWATER	131.50	141.50	28.60	38.60
W49DDA	MW-49	03/01/2000	GROUNDWATER	185.00	195.00	112.60	122.60
W49M1A	MW-49	02/29/2000	GROUNDWATER	160.00	170.00	87.50	97.50
W49M2A	MW-49	03/02/2000	GROUNDWATER	130.00	140.00	57.52	67.52
W49M2D	MW-49	03/02/2000	GROUNDWATER	130.00	140.00	57.52	67.52
W49M3A	MW-49	03/01/2000	GROUNDWATER	100.50	110.50	28.42	38.42
W49SSA	MW-49	03/01/2000	GROUNDWATER	68.50	78.50	-3.90	6.10
W84DDA	MW-84	03/03/2000	GROUNDWATER	190.00	200.00	150.10	160.10
W84M2A	MW-84	03/02/2000	GROUNDWATER	104.00	114.00	33.80	43.80
W84M3A	MW-84	03/03/2000	GROUNDWATER	79.00	89.00	38.94	48.94
W84SSA	MW-84	03/03/2000	GROUNDWATER	54.00	64.00	13.55	23.55
SC8601	SOIL CUTTINGS	03/03/2000	IDW	0.00	0.25		
SC8602	SOIL CUTTINGS	03/03/2000	IDW	0.00	0.25		
SC8701	SOIL CUTTINGS	03/03/2000	IDW	0.00	0.25		
SC8702	SOIL CUTTINGS	03/03/2000	IDW	0.00	0.25		
SAND-03	BFSAND	02/29/2000	OTHER	0.00	0.25		
S88DCA	MW-88	03/02/2000	SOIL BORING	10.00	12.00		
S88DDA	MW-88	03/02/2000	SOIL BORING	20.00	24.00		
S88DEA	MW-88	03/03/2000	SOIL BORING	35.00	37.00		
S88DFA	MW-88	03/03/2000	SOIL BORING	40.00	42.00		
S88DGA	MW-88	03/03/2000	SOIL BORING	50.00	52.00		
S88DHA	MW-88	03/03/2000	SOIL BORING	60.00	62.00		
S88DHD	MW-88	03/03/2000	SOIL BORING	60.00	62.00		
S88DIA	MW-88	03/03/2000	SOIL BORING	70.00	72.00		
S88DJA	MW-88	03/03/2000	SOIL BORING	80.00	82.00		
S88DKA	MW-88	03/03/2000	SOIL BORING	90.00	92.00		
S89DCA	MW-89	03/02/2000	SOIL BORING	10.00	12.00		
S89DDA	MW-89	03/02/2000	SOIL BORING	20.00	24.00		
S89DEA	MW-89	03/03/2000	SOIL BORING	30.00	32.00		
S89DFA	MW-89	03/03/2000	SOIL BORING	40.00	44.00		
S89DGA	MW-89	03/03/2000	SOIL BORING	50.00	52.00		
S89DGD	MW-89	03/03/2000	SOIL BORING	50.00	52.00		
S89DHA	MW-89	03/03/2000	SOIL BORING	60.00	64.00		
S89DIA	MW-89	03/03/2000	SOIL BORING	70.00	72.00		

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

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 2/28/00-3/3/00

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC75D1AAA	75D	02/28/2000	SOIL GRID	0.00	0.50		
HC75D1AAD	75D	02/28/2000	SOIL GRID	0.00	0.50		
HC75D1BAA	75D	02/28/2000	SOIL GRID	1.50	2.00		

Profiling methods include: Volatiles and Explosives

Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry

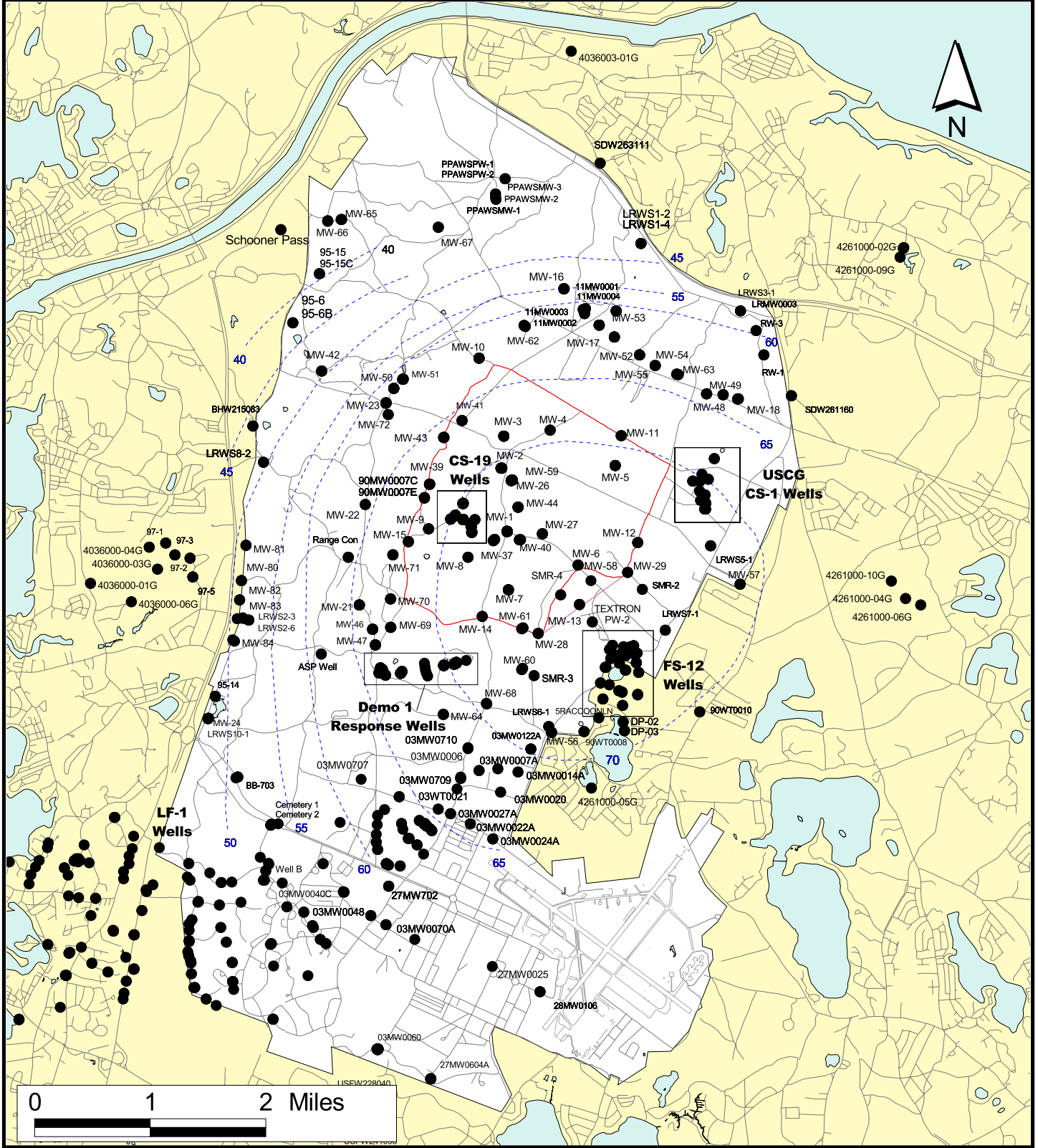
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Sources & Notes

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

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



