

**WEEKLY PROGRESS UPDATE
FOR APRIL 10 - APRIL 16, 1998**

**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 April 10 to April 16, 1998.

1. SUMMARY OF ACTIONS TAKEN

Water Level Measurements

A synoptic round of water level measurements was collected on April 1, 1998. A water table contour map based on these measurements is attached to this report.

Plans and Reports

All Final FSPs are complete at this time. Revision pages for the Groundwater FSP are currently being prepared.

Meetings

No technical meetings were conducted during the reporting period. The next IAGS Review Team meeting is scheduled for April 30.

2. SUMMARY OF DATA RECEIVED

Explosives were detected using EPA Method 8330 in 0-6 inch samples from Areas 2, 14, and 16, in a composite sample of soil that was contained in the steel-sided pit in Area 5, and in two 18-24 inch samples from Area 12. Explosives were not detected in the sediment or surface water sample from the southeast side of Bailey's Pond.

3. DELIVERABLES SUBMITTED

Deliverables submitted during the reporting period included the following:

Weekly Progress Update (April 3 to April 9)	April 10, 1998
Monthly Progress Report #12 for March 1998	April 10, 1998

4. SCHEDULED ACTIONS

No field activities are currently scheduled for next week. Stormwater sampling will be performed at remaining sampling locations if there is a storm of sufficient size to create runoff at these locations.

Table 1. Preliminary (non-validated) Results for Explosives in Soil Samples				
Sample ID	Location	Sample Depth (feet bgs)	Method	Compound
BGLGBA	Area 18 (GP-18), Grid G	1.5-2	CRREL	ND
BGLHAA	Area 18 (GP-18), Grid H	0-0.5	8330	ND
BGMABA	Area 17 (GP-7), Grid A	1.5-2	8330	ND
BGMBBA	Area 17 (GP-7), Grid B	1.5-2	8330	ND
BGMDBA	Area 17 (GP-7), Grid D	1.5-2	8330	ND
BGMDBD	Area 17 (GP-7), Grid D (dup)	1.5-2	8330	ND
BGMJBA	Area 17 (GP-7), Grid J	1.5-2	8330	ND
BGHABA	Area 16 (GP-16), Grid A	1.5-2	8330	ND
BGHBBA	Area 16 (GP-16), Grid B	1.5-2	8330	ND
BGHCAA	Area 16 (GP-16), Grid C	0-0.5	8330	PETN
BGHCAD	Area 16 (GP-16), Grid C (dup)	0-0.5	8330	PETN
BGHCBA	Area 16 (GP-16), Grid C	1.5-2	8330	ND
BGHDBA	Area 16 (GP-16), Grid D	1.5-2	8330	ND
BGHEBA	Area 16 (GP-16), Grid E	1.5-2	8330	ND
BGHFBA	Area 16 (GP-16), Grid F	1.5-2	8330	ND
BGHHBA	Area 16 (GP-16), Grid H	1.5-2	8330	ND
BGHMBA	Area 16 (GP-16), Grid M	1.5-2	8330	ND
BG5DAA	Steel Pit Excavated Soil	0-0.5	8330	HMX RDX 2,4-DNT
B02LAA	Area 2, Grid L	0-0.5	8330	PETN
B12ABA	Area 12 (Demo-1), Grid A	1.5-2	8330	RDX
B12DBA	Area 12 (Demo-1), Grid D	1.5-2	8330	HMX RDX
B12FBA	Area 12 (Demo-1), Grid F	1.5-2	CRREL	ND
B13FBA	Area 13 (Demo-2), Grid F	1.5-2	8330	ND
B14AAA	Area 14, Grid A	0-0.5	8330	PETN
B14BAA	Area 14, Grid B	0-0.5	8330	ND
B14CAA	Area 14, Grid C	0-0.5	8330	ND

Table 1. Preliminary (non-validated) Results for Explosives in Soil Samples				
Sample ID	Location	Sample Depth (feet bgs)	Method	Compound
B14DAA	Area 14, Grid D	0-0.5	8330	ND
B14EAA	Area 14, Grid E	0-0.5	8330	ND
B15CBA	Area 15, Grid C	1.5-2	CRREL	ND

Table 1 Acronyms & Abbreviations:

CRREL - Cold Regions Research Environmental Laboratory colorimetric test
 8330 - EPA Method 8330
 ND - No Detected Explosives Compounds
 HMX -Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
 RDX -Hexahydro-1,3,5-trinitro-1,3,5-triazine
 PETN - Pentaerythritol tetranitrate
 2,4-DNT - 2,4-Dinitrotoluene

Table 2. Preliminary (non-validated) Results for Explosives in Sediment Samples				
Sample ID	Location	Sample Depth (feet bgs)	Method	Compound
D34AAA	Bailey's Pond, Sample A	0-0.5	8330	ND

Table2 Acronyms & Abbreviations:

8330 - EPA Method 8330
 ND - No Detected Explosives Compounds

Table 3. Preliminary (non-validated) Results for Explosives in Surface Water Samples			
Sample ID	Location	Method	Compound
P34AAA	Bailey's Pond, Sample A	8330	ND

Table3 Acronyms & Abbreviations:

8330 - EPA Method 8330
 ND - No Detected Explosives Compounds