

**WEEKLY PROGRESS UPDATE
FOR MARCH 6 - MARCH 12, 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 March 6 to March 12, 1998.

1. SUMMARY OF ACTIONS TAKEN

UXO Surveys

UXO personnel cleared a 30 by 30 foot grid in GP-16 and GP-18. They also cleared a 50 by 50 foot area in Area 4 for air monitoring equipment.

Drilling

No drilling activities occurred during this reporting period.

Samples

Groundwater samples were collected from monitoring wells MW-3M1 and MW-3M2. Soil samples were collected from the 18 to 24 inch interval from grids in Areas 1, 4, 5, 12, 18, and 20.

Water Level Measurements

The next synoptic round of water level measurements is scheduled for March 31, 1998.

Plans and Reports

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

Meetings

A technical meeting was convened with EPA and MADEP on March 12 to discuss progress on the project. The next IAGS Review Team meeting is scheduled for March 31, 1998.

2. SUMMARY OF DATA RECEIVED

Preliminary non-validated data that were received during the reporting period for explosives analyses are presented in Table 1 for soil samples and Table 2 for groundwater samples. No explosives were detected in the single soil sample for which results were reported. Explosive compounds were detected by EPA Method 8330 in a groundwater sample collected from monitoring well CS-19/MW0002E.

3. DELIVERABLES SUBMITTED

Deliverables submitted during the reporting period included the following:

Weekly Progress Update (February 27 to March 5)
 Monthly Progress Report (February, 1998)

March 6, 1998
 March 10, 1998

4. SCHEDULED ACTIONS

During the next week, Soil sampling will be performed at 1.5-2.0 feet bgs at various locations for which complete data on the upper soil interval are available.

| Table 1. Preliminary (non-validated) Results for Explosives in Soil Samples | | | | |
|--|---|--------------------------------|---------------|-----------------|
| Sample ID | Location | Sample Depth (feet bgs) | Method | Compound |
| BG5FAA | Area 5 grab sample from soil excavated from munitions pit | 0-0.5 | CRREL | ND |

Table 1 Acronyms & Abbreviations:

CRREL - Cold Regions Research Environmental Laboratory colorimetric test
 ND - No Detected Explosives Compounds

| Table 2. Preliminary (non-validated) Results for Explosives in Groundwater | | | | |
|---|------------------------------|---------------------|---------------|--------------------------------------|
| Sample ID | Location | Sample Depth | Method | Compound |
| W02SSA | Monitoring Well MW-2S | 137-147 | 8330 | ND |
| WF143A | Monitoring Well FS14-MW-3 | 159.5-169.5 | 8330 | ND |
| WC2XXA | Monitoring Well CS19-MW0002E | - | 8330 | HMX<HA RDX>HA 4AmDNT 2AmDNT |
| WU22XA | Monitoring Well USFW228040 | - | 8330 | ND |

Table 2 Acronyms & Abbreviations:

8330 - EPA Method 8330
 ND - No Detected Explosive Compounds
 HA - Health Advisory
 4AmDNT - 4-Amino-2,6-dinitrotoluene
 2AmDNT - 2-Amino-4,6-dinitrotoluene
 RDX - Hexahydro-1,3,5-trinitro-1,3,5-triazine
 HMX - Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine