

**WEEKLY PROGRESS UPDATE
FOR MARCH 20 - MARCH 26, 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 20 to March 26, 1998.

1. SUMMARY OF ACTIONS TAKEN

UXO Surveys

No UXO survey activities occurred during this reporting period.

Drilling

No drilling activities occurred during this reporting period.

Samples

Soil samples were collected from 1.5-2.0 feet below ground surface (bgs) from grids in Areas 12, 13, 16, 17, and 18.

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 26 to discuss progress on the project. The next IAGS Review Team meeting is scheduled for March 31, 1998 at the Bourne Best Western at 6:00 pm.

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. Explosive compounds were detected by the CRREL method in soil from a depth of 1.5 to 2.0 feet bgs in one sample from Area 12, two samples from Area 17, and one sample from Area 16. Explosive compounds were detected by the CRREL method in soil from a depth of 0 to 0.5 feet bgs in one sample in Area 18 and one sample from Area 16. Soil samples with CRREL detections were being analyzed by EPA Method 8330 but results were not yet available. Explosive compounds were not

detected by EPA Method 8330 in any of the soil or groundwater samples.

3. DELIVERABLES SUBMITTED

Deliverables submitted during the reporting period included the following:

Weekly Progress Update (March 13 to March 19)

March 20, 1998

4. SCHEDULED ACTIONS

During the next week, there are no field activities scheduled.

| Table 1. Preliminary (non-validated) Results for Explosives in Soil Samples | | | | |
|--|------------------------------|--------------------------------|---------------|-----------------|
| Sample ID | Location | Sample Depth (feet bgs) | Method | Compound |
| B05FBA | Area 5 (J-1 Range), Grid F | 1.5-2 | CRREL | ND |
| B05KBA | Area 5 (J-1 Range), Grid K | 1.5-2 | 8330 | ND |
| B05LBA | Area 5 (J-1 Range), Grid L | 1.5-2 | 8330 | ND |
| B05PBA | Area 5 (J-1 Range), Grid P | 1.5-2 | CRREL | ND |
| B12DBA | Area 12 (Demo 1), Grid D | 1.5-2 | CRREL | RDX/HMX |
| BGMCBA | Area 17 (GP-7), Grid C | 1.5-2 | CRREL | ND |
| BGMDBA | Area 17 (GP-7), Grid D | 1.5-2 | CRREL | TNT/DNT |
| BGMDBD | Area 17 (GP-7), Grid D (dup) | 1.5-2 | CRREL | ND |
| BGMEBA | Area 17 (GP-7), Grid E | 1.5-2 | CRREL | ND |
| BGMFBA | Area 17 (GP-7), Grid F | 1.5-2 | CRREL | ND |
| BGMGBA | Area 17 (GP-7), Grid G | 1.5-2 | CRREL | ND |
| BGMHBA | Area 17 (GP-7), Grid H | 1.5-2 | CRREL | ND |
| BGMIBA | Area 17 (GP-7), Grid I | 1.5-2 | CRREL | ND |
| BGMJBA | Area 17 (GP-7), Grid J | 1.5-2 | CRREL | RDX/HMX |
| BGMMBA | Area 17 (GP-7), Grid M | 1.5-2 | CRREL | ND |
| BGMNBA | Area 17 (GP-7), Grid N | 1.5-2 | CRREL | ND |
| BGLBBA | Area 18 (GP-18), Grid B | 1.5-2 | 8330 | ND |
| BGLHAA | Area 18 (GP-18), Grid H | 0-0.5 | CRREL | TNT/DNT |
| BGLHBA | Area 18 (GP-18), Grid H | 1.5-2 | CRREL | ND |

| Table 1. Preliminary (non-validated) Results for Explosives in Soil Samples | | | | |
|--|------------------------------|--------------------------------|---------------|-----------------|
| Sample ID | Location | Sample Depth (feet bgs) | Method | Compound |
| BGHIBA | Area 18 (GP-18), Grid I | 1.5-2 | CRREL | ND |
| BGHCAA | Area 16 (GP-16) Grid C | 0-0.5 | CRREL | TNT/DNT |
| BGHCAD | Area 16 (GP-16) Grid C (dup) | 0-0.5 | CRREL | TNT/DNT |
| BGHCBA | Area 16 (GP-16) Grid C | 1.5-2 | CRREL | TNT/DNT |
| BGHNBA | Area 16 (GP-16) Grid N | 1.5-2 | CRREL | ND |
| BM3ABA | Area 20 (MP-3) Grid A | 1.5-2 | 8330 | ND |
| BM3ABD | Area 20 (MP-3) Grid A (dup) | 1.5-2 | 8330 | ND |
| BM3BBA | Area 20 (MP-3) Grid B | 1.5-2 | 8330 | ND |
| BM3DBA | Area 20 (MP-3) Grid D | 1.5-2 | 8330 | ND |

Table 1 Acronyms & Abbreviations:

CRREL - Cold Regions Research Environmental Laboratory colorimetric test

8330 - EPA Method 8330

ND - No Detected Explosives Compounds

RDX/HMX - Detected Explosive Compounds using the RDX/HMX Screen

TNT/DNT - Detected Explosive Compounds using the TNT/DNT Screen

| Table 2. Preliminary (non-validated) Results for Explosives in Ground water | | | | |
|--|------------------------|---------------------|---------------|-----------------|
| Sample ID | Location | Sample Depth | Method | Compound |
| W03M2A | Monitoring Well MW-3M2 | | 8330 | ND |
| W03M1A | Monitoring Well MW-3M1 | | 8330 | ND |

Table 2 Acronyms & Abbreviations:

8330 - EPA Method 8330

ND - No Detected Explosive Compounds