

**MONTHLY PROGRESS REPORT #15
FOR JUNE 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 June 1 to June 30, 1998. Scheduled actions are for the six-week period ending August 14, 1998.

1. SUMMARY OF ACTIONS TAKEN

Sampling

Sampling of monitoring wells 90WT0006, 90MW0003, 90MW0034, 90MW0041, and 90WT0019 was completed in accordance with the response plan for 90WT0013. Well 90WT0019 was substituted for 90MW0051 after the latter well was found to be no longer functioning. Splits of samples from residential wells in the Snake Pond area were provided by AFCEE and were analyzed for explosives by EPA Method 8330. Fifteen residential wells have been sampled to date. A sample of untreated water from the "J" well supplying Camp Edwards was collected and analyzed for explosives by EPA Method 8330. Groundwater profile samples were collected from MW-31 located 300 feet downgradient from Demo Area 1 and were analyzed for explosives by EPA Method 8330.

Seven composite amples of surface soil from the Forestdale School were collected and analyzed for explosive compounds by EPA Method 8330.

Monitoring Well Installation

A nest of three monitoring wells was installed at MW-31 in accordance with the Immediate Response Plan for Demo Area 1. Well screen depths were established based on the results of groundwater profile samples analyzed for explosives, and were approximately 98-103, 113-123, and 133-138 feet below ground surface. Drilling for installation of wells at MW-32 located downgradient of MW-31 was initiated.

Analytical Results

Data deliverables were received from ITS (the laboratory contractor) for Sample Delivery Groups (SDGs) 74-81 in June. Data contained in SDGs 1-74 are being summarized in the Draft Completion of Work Report.

Validation

Ogden completed validation of hardcopy deliverables up to SDG 74 during June. All validated data entered in the database are being provided in the Draft Completion of Work Report.

Meetings

The Impact Area Study Review Team met on June 2. NGB discussed the preliminary results of groundwater profiling downgradient from Demo Area 1 with EPA and MADEP during conference calls at the end of the month.

2. SUMMARY OF DATA RECEIVED

Soil and groundwater samples described in Section 1 including those from FS-12 wells, residential wells in the Snake Pond area, the “J” water supply well located at MMR, and soil samples from the Forestdale School did not contain explosives based on results of EPA Method 8330 analyses and data validation. Groundwater profiling samples from MW-31 located approximately 300 feet downgradient of MW-19 indicate that the highest RDX concentration is at 270 ug/l (compared to 500 ug/l at MW-19), at a depth of approximately 35 feet below the water table (bwt). No explosives were detected in profile samples from MW-31 below a depth of approximately 85 feet bwt.

Data received up to and including SDG 74 will be provided in the Draft Completion of Work Report to be submitted in early July.

3. DELIVERABLES SUBMITTED

Deliverables submitted during the reporting period included the following:

Weekly Progress Update (May 29 to June 4)	June 5, 1998
Monthly Progress Report #14 for May 1998	June 10, 1998
Weekly Progress Update (June 5 to June 11)	June 12, 1998
Weekly Progress Update (June 12 to June 18)	June 19, 1998
Weekly Progress Update (June 19 to June 25)	June 26, 1998

4. SCHEDULED ACTIONS

Actions for the next six weeks are indicated in Figure 1. This figure provides a Gantt chart based on the Final Action Plan, updated to reflect progress and proposed work.

The draft Completion of Work Report will be submitted to EPA and MADEP July 2, and additional copies will be distributed to the Review Team and other stakeholders shortly thereafter. Installation and sampling of MW-32 and MW-33 located approximately 3000 feet downgradient of Demo Area 1 will be completed, and MW-19S and -19D will be resampled in accordance with the Immediate Response Plan. A meeting of the Impact Area Groundwater Study Review Team will be convened on July 23, 1998.