

**WEEKLY PROGRESS UPDATE  
FOR JANUARY 5 – JANUARY 9, 2004**

**EPA REGION I ADMINISTRATIVE ORDERS SDWA 1-97-1019 and 1-2000-0014**

**MASSACHUSETTS MILITARY RESERVATION  
TRAINING RANGE AND IMPACT AREA**

The following summary of progress is for the period from January 5 through January 9, 2004.

**1. SUMMARY OF ACTIONS TAKEN**

Drilling progress as of January 9, 2004 is summarized in Table 1.

<b>Table 1. Drilling progress as of January 9, 2004</b>				
<b>Boring Number</b>	<b>Purpose of Boring/Well</b>	<b>Total Depth (ft bgs)</b>	<b>Saturated Depth (ft bwt)</b>	<b>Completed Well Screens (ft bgs)</b>
IW-271	Demo Area 1 (IW-D1-1)	330	297	
IW-272	Demo Area 1 (IW-D1-2)	331	236	
MW-299	Northwest Corner (NWP-12)	85		
MW-301	Northwest Corner (NWP-8ba)	190	92	
MW-302	J-2 Range (J2P-32)	310	201	
MW-303	J-1 Range (J1P-21)	321	218	
MW-305	J-2 Range (J2P-33)	260	157	
MW-306	J-1 Range (J1P-22)	30		

bgs = below ground surface  
bwt = below water table

Continued well installation of IW-271 (IW-D1-1) and IW-272 (IW-D1-2), continued drilling of MW-305 (J2P-33), and commenced drilling of MW-299 (NWP-12) and MW-306 (J1P-22).

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-305. Groundwater samples were collected from Bourne water supply and monitoring wells, a residential well, a production well, and as part of the December round of the Draft 2003 Long-Term Groundwater Monitoring Program. An investigation-derived waste (IDW) sample was collected from the Granular Activated Carbon (GAC) treatment system. Process water samples were collected from MW-211 as part of an Innovative Technology Evaluation (ITE) Study.

**2. SUMMARY OF DATA RECEIVED**

Rush data are usually summarized and included in Table 3. These data are for analyses that are performed on a fast turn around time, typically 1-5 days. Perchlorate and explosive analyses for monitoring wells, and perchlorate, explosive and volatile organic compound (VOC) analyses for groundwater profile samples, are conducted in this timeframe, as well as any analyses pursuant to a special request. The rush data are not validated, but are provided as an indication of the most recent preliminary results. Table 3 summarizes only detects, and does not show samples with non-detects. However, there were no detections of perchlorate, explosive compounds, or VOCs this week. Therefore, Table 3 has not been included with this report

### 3. DELIVERABLES SUBMITTED

Weekly Progress Update for December 22 – December 26, 2003	01/06/2004
Weekly Progress Update for December 29, 2003 – January 2, 2004	01/08/2004
Monthly Progress Report for December 2003	01/09/2004

### 4. SCHEDULED ACTIONS

Scheduled actions for the week of January 12 include continue well installation at IW-271 (IW-D1-1) and IW-272 (IW-D1-2), complete drilling of MW-301 (NWP-8ba) and MW-305 (J2P-33), and continue drilling at MW-299 (NWP-12) and MW-306 (J1P-22). Groundwater sampling of Bourne water supply and monitoring wells and as part of the December round of the Draft 2003 Long-Term Groundwater Monitoring Plan will continue. Lysimeter installation at Target 42 in the Impact Area will also continue.

### 5. SUMMARY OF ACTIVITIES FOR DEMO AREA 1

The response to comments letter addressing EPA and DEP comments on the Draft Groundwater Report Addendum was submitted on December 31, 2003. A comment resolution meeting is scheduled for January 15, 2004. Modeling activities in support of the Feasibility Study are ongoing. A modeling meeting is tentatively scheduled with the Agencies to discuss the Demo Area 1 Feasibility Study modeling results on January 22, 2004.

Installation of extraction and injection wells for the Groundwater RRA is ongoing. Installation of subsurface piping and well vaults for the Frank Perkins Road Extraction, Treatment and Recharge System continues.

Geophysical anomaly and soil excavation within the Demo Area 1 depression continues. Site preparation activities for the Thermal Treatment of excavated soils continues at the H Range just south of Demo Area 1.

**TABLE 2  
SAMPLING PROGRESS  
01/04/2004 - 1/10/2004**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
4036000-01G-A	4036000-01G	01/05/2004	GROUNDWATER	38	69.8	6	12
4036000-06G-A	4036000-06G	01/05/2004	GROUNDWATER	108	128	6	12
PW-304-PD	PW-304	01/07/2004	GROUNDWATER	125	140	35	50
RSNW03-A	RSNW03	01/08/2004	GROUNDWATER				
W02-01M1A	02-01	01/06/2004	GROUNDWATER	95	105	42.9	52.9
W02-01M2A	02-01	01/06/2004	GROUNDWATER	83	93	30.9	40.9
W02-02M1A	02-02	01/07/2004	GROUNDWATER	114.5	124.5	63.5	73.5
W02-02M2A	02-02	01/07/2004	GROUNDWATER	94.5	104.5	42.65	52.65
W02-02SSA	02-02	01/07/2004	GROUNDWATER	49.5	59.5	0	10
W02-03M1A	02-03	01/08/2004	GROUNDWATER	130	140	86.1	96.1
W02-03M1D	02-03	01/08/2004	GROUNDWATER	130	140	86.1	96.1
W02-03M2A	02-03	01/08/2004	GROUNDWATER	92	102	48.15	58.15
W02-03M3A	02-03	01/08/2004	GROUNDWATER	75	85	31.05	41.05
W02-07M1A	02-07	01/06/2004	GROUNDWATER	135	145	101.14	111.14
W02-07M2A	02-07	01/06/2004	GROUNDWATER	107	117	72.86	82.86
W02-07M3A	02-07	01/06/2004	GROUNDWATER	47	57	13	23
W02-08M1A	02-08	01/08/2004	GROUNDWATER	108	113	86.56	91.56
W02-08M2A	02-08	01/08/2004	GROUNDWATER	82	87	60.65	65.65
W02-08M2D	02-08	01/08/2004	GROUNDWATER	82	87	60.65	65.65
W02-08M3A	02-08	01/08/2004	GROUNDWATER	62	67	40.58	45.58
W02-13M1A	02-13	01/05/2004	GROUNDWATER	98	108	58.33	68.33
W02-13M2A	02-13	01/05/2004	GROUNDWATER	83	93	44.2	54.2
W02-13M3A	02-13	01/05/2004	GROUNDWATER	68	78	28.3	38.3
W103M1A	MW-103	01/05/2004	GROUNDWATER	298	308	156	166
W103M2A	MW-103	01/05/2004	GROUNDWATER	282	292	140	150
W105M1A	MW-105	01/05/2004	GROUNDWATER	205	215	78	88
W105M2A	MW-105	01/06/2004	GROUNDWATER	165	175	38	48
W176M1A	MW-176	01/09/2004	GROUNDWATER	270	280	158.55	168.55
W176M2A	MW-176	01/09/2004	GROUNDWATER	229	239	117.6	127.6
W177M1A	MW-177	01/09/2004	GROUNDWATER	375	385	186.2	196.2
W177M1D	MW-177	01/09/2004	GROUNDWATER	375	385	186.2	196.2
W182M2A	MW-182	01/07/2004	GROUNDWATER	273	283	102.89	112.89
W182M2D	MW-182	01/07/2004	GROUNDWATER	273	283	102.89	112.89
W18DDA	MW-18	01/05/2004	GROUNDWATER	265	275	222	232
W18M1A	MW-18	01/05/2004	GROUNDWATER	171	176	128	133

**Profiling methods may include: Volatiles, Explosives, and Perchlorate**

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

**Other Sample Types methods are variable**

**SBD = Sample Begin Depth, measured in feet bgs**

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W18M2A	MW-18	01/05/2004	GROUNDWATER	107	112	64	69
W18M2D	MW-18	01/05/2004	GROUNDWATER	107	112	64	69
W226M1A	MW-226	01/09/2004	GROUNDWATER	285	295	172	182
W226M2A	MW-226	01/08/2004	GROUNDWATER	175	185	61.7	71.7
W226M3A	MW-226	01/09/2004	GROUNDWATER	135	145	21.53	31.53
W269M1A	MW-269	01/07/2004	GROUNDWATER	207	217	31.55	41.55
W269M2A	MW-269	01/08/2004	GROUNDWATER	186	196	9.85	19.85
W270DDA	MW-270	01/06/2004	GROUNDWATER	127	137	103.9	113.9
W270M1A	MW-270	01/06/2004	GROUNDWATER	74	79	50.89	55.89
W270M1D	MW-270	01/06/2004	GROUNDWATER	74	79	50.89	55.89
W270SSA	MW-270	01/06/2004	GROUNDWATER	22	32	0	10
W50DDA	MW-50	01/07/2004	GROUNDWATER	237	247	119	129
W50M1A	MW-50	01/07/2004	GROUNDWATER	207	217	89	99
W50M2A	MW-50	01/07/2004	GROUNDWATER	177	187	59	69
W50M2D	MW-50	01/07/2004	GROUNDWATER	177	187	59	69
WS-4-A	WS-4	01/07/2004	GROUNDWATER	200	220	140	160
WS-4-D	WS-4	01/07/2004	GROUNDWATER	200	220	140	160
DW010504-NV	GAC WATER	01/05/2004	IDW	0	0		
PLS211EB1A	MW-211	01/09/2004	OTHER				
PLS211FB1A	MW-211	01/09/2004	OTHER				
PLS211INF1A	MW-211	01/07/2004	OTHER				
PLS211INF2A	MW-211	01/09/2004	OTHER				
PLS211VA1A	MW-211	01/07/2004	OTHER				
PLS211VA2A	MW-211	01/09/2004	OTHER				
PLS211VB1A	MW-211	01/07/2004	OTHER				
PLS211VB2A	MW-211	01/09/2004	OTHER				
PLS211VC1A	MW-211	01/07/2004	OTHER				
PLS211VC2A	MW-211	01/09/2004	OTHER				
PLS211VCM1A	MW-211	01/07/2004	OTHER				
PLS211VCM5A	MW-211	01/09/2004	OTHER				
PLS211VG1A	MW-211	01/07/2004	OTHER				
PLS211VG2A	MW-211	01/09/2004	OTHER				
MW-305-01	MW-305	01/06/2004	PROFILE	120	120	17	17
MW-305-02	MW-305	01/06/2004	PROFILE	130	130	27	27
MW-305-03	MW-305	01/07/2004	PROFILE	140	140	37	37

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MW-305-03FD	MW-305	01/07/2004	PROFILE	140	140	37	37
MW-305-04	MW-305	01/07/2004	PROFILE	150	150	47	47
MW-305-05	MW-305	01/07/2004	PROFILE	170	170	57	57
MW-305-07	MW-305	01/08/2004	PROFILE	180	180	67	67
MW-305-08	MW-305	01/08/2004	PROFILE	190	190	77	77
MW-305-09	MW-305	01/08/2004	PROFILE	200	200	87	87
MW-305-10	MW-305	01/08/2004	PROFILE	210	210	97	97
MW-305-11	MW-305	01/08/2004	PROFILE	220	220	107	107
MW-305-13	MW-305	01/09/2004	PROFILE	230	230	117	117
MW-305-13FD	MW-305	01/09/2004	PROFILE	230	230	117	117
MW-305-14	MW-305	01/09/2004	PROFILE	240	240	127	127
MW-305-15	MW-305	01/09/2004	PROFILE	250	250	137	137

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