

**WEEKLY PROGRESS UPDATE
FOR DECEMBER 15 – DECEMBER 19, 2003**

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 December 15 through December 19, 2003.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of December 19 is summarized in Table 1.

Table 1. Drilling progress as of December 19, 2003				
Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-301	Northwest Corner (NWP-8ba)	160	62	
MW-302	J-2 Range (J2P-32)	310	201	
MW-303	J-1 Range (J1P-21)	321	218	
bgs = below ground surface bwt = below water table				

Completed drilling of MW-302 (J2P-32) and MW-303 (J1P-21), and continued drilling of MW-301 (NWP-8ba).

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-301, MW-302, and MW-303. Groundwater samples were collected from Bourne water supply and monitoring wells, well 4036011, from recently installed wells, residential wells, and a production well. Investigation-derived waste (IDW) samples were collected from the Granular Activated Carbon (GAC) treatment system. Soil samples were collected from gun and mortar positions near the western boundary and along Canal View Road. Pre-excavation and post excavation samples were taken from the J-2 Range target control pits.

2. SUMMARY OF DATA RECEIVED

Rush data are summarized 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.

The status of the explosive detections with respect to confirmation using Photo Diode Array (PDA) spectra is indicated in Table 3. PDA is a procedure that has been implemented for the explosive analysis, to reduce the likelihood of false positive identifications. Where the PDA status is "YES" in Table 3, the detected compound is verified as properly identified. Where the status is "NO", the identification of an explosive has been determined to be a false positive. Where the status is blank, PDA has not yet been used to evaluate the detection, or PDA is not applicable because the analyte is a VOC or perchlorate. Most explosive detections verified by PDA are confirmed to be present upon completion of validation. Table 3 includes the following detections:

Table 3 includes detections from the following areas:

Western Boundary

- Groundwater samples from 97-2C; 00-1; 02-05M1, M2, M3; 02-08M3; and MW-80M1 and M2 had detections of perchlorate. The results were similar to previous sampling rounds.
- Groundwater samples from 02-12M2 and MW-81M2 had detections of perchlorate. These are the first detections of perchlorate in these wells since August 2002.

Northwest Corner

- Groundwater samples from MW-277M1; MW-279S, M1, M2; and RSNW06 and duplicate had detections of perchlorate. The results were similar to the previous sampling rounds.
- Groundwater samples from MW-287M1 and S had detections of perchlorate. This is the first sampling event at these wells and the results were consistent with the profile results.

Demo Area 1

- Samples of well development water from EW-275 (EW-D1-2), collected prior to GAC treatment, had detections of perchlorate.

Demo Area 2

- Groundwater samples from MW-259M1 and MW-262M1 and duplicate had detections of various explosives that were confirmed by PDA spectra. The results were similar to the previous sampling rounds.

Southeast Ranges

- Profile samples from MW-302 (J2P-32) had detections of perchlorate and RDX. Perchlorate was detected in three intervals at 81, 91, and 101 feet below the water table. RDX was confirmed by PDA spectra, but with interference at 91 and 141 feet below the water table. Well screens will not be set until data from J2P-33 is received.

- Profile samples from MW-303 (J1P-21) had detections of perchlorate, VOCs, and various explosives. Perchlorate was detected in 12 intervals between 37 and 187 feet below the water table. Of the explosives compounds, HMX was detected and confirmed by PDA spectra in ten intervals between 37 and 137 feet below the water table. RDX was detected and confirmed by PDA spectra in seventeen intervals between 37 and 197 feet below the water table. RDX, 2,6-DNT, 2A-DNT, and nitrobenzene were detected and confirmed by PDA spectra, but with interference, in various intervals between 17 and 207 feet below the water table. Well screen selection is pending.

DELIVERABLES SUBMITTED

Weekly Progress Update for December 8 – December 12, 2003

12/19/2003

3. SCHEDULED ACTIONS

Scheduled actions for the week of December 22 include continue drilling of MW-301 (NWP-8ba). 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 also continue. Soil sampling will be conducted at Target 42 for the Central Impact Area Focused Investigation.

4. SUMMARY OF ACTIVITIES FOR DEMO AREA 1

Comments on the Draft Groundwater Report Addendum for the Demo Area 1 Groundwater Operable Unit were received from DEP. The Response to comments letter will be submitted on December 31, 2003.

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. Modeling activities in support of the Feasibility Study are ongoing.

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

**TABLE 2
SAMPLING PROGRESS
12/14/2003 - 12/20/2003**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
4036000-01G-A	4036000-01G	12/15/2003	GROUNDWATER	38	69.8	6	12
4036000-03G-A	4036000-03G	12/15/2003	GROUNDWATER	50	60	6	12
4036000-04G-A	4036000-04G	12/15/2003	GROUNDWATER	54.6	64.6	6	12
4036000-06G-A	4036000-06G	12/15/2003	GROUNDWATER	108	128	6	12
4036011-A	4036011	12/17/2003	GROUNDWATER	0	0		
97-2F-A	97-2	12/16/2003	GROUNDWATER	120	120	76.7	76.7
97-2F-D	97-2	12/16/2003	GROUNDWATER	120	120	76.7	76.7
PW-304-01	PW-304	12/18/2003	GROUNDWATER	140	140	50	50
RANGECON-A	RANGECON	12/18/2003	GROUNDWATER	260	270	30	40
RSNW06-A	RSNW06	12/16/2003	GROUNDWATER				
RSNW06-D	RSNW06	12/16/2003	GROUNDWATER				
SPRING1-A	SPRING1	12/18/2003	GROUNDWATER	0	0	0	0
SPRING1-D	SPRING1	12/18/2003	GROUNDWATER	0	0	0	0
TW1-88A-A	1-88	12/16/2003	GROUNDWATER	102.9	102.9	67.4	67.4
TW1-88B-A	1-88	12/15/2003	GROUNDWATER	105.5	105.5	69.6	69.6
W02-09M1A	02-09	12/17/2003	GROUNDWATER	74	84	65.26	75.26
W02-09M2A	02-09	12/17/2003	GROUNDWATER	59	69	50.3	60.3
W02-09M2D	02-09	12/17/2003	GROUNDWATER	59	69	50.3	60.3
W02-09SSA	02-09	12/17/2003	GROUNDWATER	7	17	0	10
W02-10M1A	02-10	12/15/2003	GROUNDWATER	135	145	94	104
W02-10M2A	02-10	12/15/2003	GROUNDWATER	110	120	68.61	78.61
W02-10M3A	02-10	12/16/2003	GROUNDWATER	85	95	43.65	53.65
W02-12M1A	02-12	12/15/2003	GROUNDWATER	109	119	58.35	68.35
W02-12M2A	02-12	12/15/2003	GROUNDWATER	94	104	43.21	53.21
W02-12M3A	02-12	12/15/2003	GROUNDWATER	79	89	28.22	38.22
W02-13M1A	02-13	12/15/2003	GROUNDWATER	98	108	58.33	68.33
W02-13M2A	02-13	12/15/2003	GROUNDWATER	83	93	44.2	54.2
W02-13M2D	02-13	12/15/2003	GROUNDWATER	83	93	44.2	54.2
W02-13M3A	02-13	12/15/2003	GROUNDWATER	68	78	28.3	38.3
W126M1A	MW-126	12/18/2003	GROUNDWATER	118	128	19	29
W126SSA	MW-126	12/18/2003	GROUNDWATER	99	109	0	10
W131M1A	MW-131	12/19/2003	GROUNDWATER	300	310	204	214
W131M2A	MW-131	12/19/2003	GROUNDWATER	195	205	99	109
W131M2D	MW-131	12/19/2003	GROUNDWATER	195	205	99	109
W131SSA	MW-131	12/19/2003	GROUNDWATER	96	106	0	10

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

SED = Sample End Depth, measured in feet bgs

BWTS = Depth below water table, start depth, measured in feet

BWTE = Depth below water table, end depth, measured in feet

**TABLE 2
SAMPLING PROGRESS
12/14/2003 - 12/20/2003**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W132M1A	MW-132	12/18/2003	GROUNDWATER	224	234	187	197
W132SSA	MW-132	12/18/2003	GROUNDWATER	37	47	0	10
W140M1A	MW-140	12/18/2003	GROUNDWATER	107.5	117	19	29
W142M1A	MW-142	12/17/2003	GROUNDWATER	225	235	185	195
W142M2A	MW-142	12/18/2003	GROUNDWATER	140	150	100	110
W142SSA	MW-142	12/18/2003	GROUNDWATER	42	52	2	12
W143M1A	MW-143	12/18/2003	GROUNDWATER	144	154	114	124
W143M2A	MW-143	12/18/2003	GROUNDWATER	117	122	87	92
W143M3A	MW-143	12/18/2003	GROUNDWATER	107	112	77	82
W143M3D	MW-143	12/18/2003	GROUNDWATER	107	112	77	82
W144M2A	MW-144	12/18/2003	GROUNDWATER	130	140	109	119
W144M2D	MW-144	12/18/2003	GROUNDWATER	130	140	109	119
W144SSA	MW-144	12/18/2003	GROUNDWATER	26	36	5	15
W145SSA	MW-145	12/18/2003	GROUNDWATER	30	40	0	10
W145SSD	MW-145	12/18/2003	GROUNDWATER	30	40	0	10
W147M1A	MW-147	12/18/2003	GROUNDWATER	167	177	94	104
W147M2A	MW-147	12/18/2003	GROUNDWATER	150	160	77	87
W147M3A	MW-147	12/18/2003	GROUNDWATER	82	92	9	19
W148M1A	MW-148	12/18/2003	GROUNDWATER	90	100	29	39
W148SSA	MW-148	12/18/2003	GROUNDWATER	61	71	0	10
W152M2A	MW-152	12/19/2003	GROUNDWATER	154	164	48	58
W153M1A	MW-153	12/19/2003	GROUNDWATER	199	209	108	118
W155M1A	MW-155	12/19/2003	GROUNDWATER	124	134	99	109
W190M1A	MW-190	12/19/2003	GROUNDWATER	145	155	44.32	54.32
W190M2A	MW-190	12/19/2003	GROUNDWATER	110	120	9.3	19.3
W191M1A	MW-191	12/19/2003	GROUNDWATER	137	142	25.2	30.2
W191M2A	MW-191	12/19/2003	GROUNDWATER	120	130	8.4	18.4
W191M2D	MW-191	12/19/2003	GROUNDWATER	120	130	8.4	18.4
W191SSA	MW-191	12/19/2003	GROUNDWATER	106	116	0	10
W244M1A	MW-244	12/19/2003	GROUNDWATER	270	280	150.73	160.73
W280M1A	MW-280	12/17/2003	GROUNDWATER	255	265	93.99	103.99
W280M2A	MW-280	12/17/2003	GROUNDWATER	202	212	41.64	51.64
W280M3A	MW-280	12/17/2003	GROUNDWATER	185	195	24.12	34.12
W280M3D	MW-280	12/17/2003	GROUNDWATER	185	195	24.12	34.12
XXM971-A	97-1	12/18/2003	GROUNDWATER	83	93	62	72

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**TABLE 2
SAMPLING PROGRESS
12/14/2003 - 12/20/2003**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
XXM972-A	97-2	12/18/2003	GROUNDWATER	75	85	53	63
XXM973-A	97-3	12/15/2003	GROUNDWATER	75	85	36	46
XXM975-A	97-5	12/18/2003	GROUNDWATER	84	94	76	86
G301DBA	MW-301	12/16/2003	PROFILE	110	110	11.8	11.8
G301DCA	MW-301	12/17/2003	PROFILE	120	120	21.8	21.8
G301DCD	MW-301	12/17/2003	PROFILE	120	120	21.8	21.8
G301DDA	MW-301	12/17/2003	PROFILE	130	130	31.8	31.8
G301DEA	MW-301	12/17/2003	PROFILE	140	140	41.8	41.8
G301DFA	MW-301	12/17/2003	PROFILE	150	150	51.8	51.8
MW-302-21	MW-302	12/15/2003	PROFILE	320	320	217	217
MW-302-22	MW-302	12/15/2003	PROFILE	330	330	227	227
MW-302-23	MW-302	12/15/2003	PROFILE	338	338	237	237
MW-303-07	MW-303	12/15/2003	PROFILE	180	180	68	68
MW-303-08	MW-303	12/15/2003	PROFILE	190	190	78	78
MW-303-09	MW-303	12/15/2003	PROFILE	200	200	88	88
MW-303-11	MW-303	12/16/2003	PROFILE	210	210	98	98
MW-303-12	MW-303	12/16/2003	PROFILE	220	220	108	108
MW-303-13	MW-303	12/16/2003	PROFILE	230	230	118	118
MW-303-13FD	MW-303	12/16/2003	PROFILE	230	230	118	118
MW-303-15	MW-303	12/16/2003	PROFILE	240	240	128	128
MW-303-16	MW-303	12/16/2003	PROFILE	250	250	138	138
MW-303-17	MW-303	12/16/2003	PROFILE	260	260	148	148
MW-303-18	MW-303	12/16/2003	PROFILE	270	270	158	158
MW-303-19	MW-303	12/17/2003	PROFILE	280	280	168	168
MW-303-20	MW-303	12/17/2003	PROFILE	290	290	178	178
MW-303-21	MW-303	12/17/2003	PROFILE	300	300	188	188
MW-303-22	MW-303	12/17/2003	PROFILE	310	310	198	198
MW-303-23	MW-303	12/17/2003	PROFILE	320	320	208	208
HC199E1AAA	199E	12/17/2003	SOIL GRID	0	0.5		
HC199E1BAA	199E	12/17/2003	SOIL GRID	1.5	2		
HC199G1AAA	199G	12/17/2003	SOIL GRID	0	0.5		
HC199G1AAD	199G	12/17/2003	SOIL GRID	0	0.5		
HC199G1BAA	199G	12/17/2003	SOIL GRID	1.5	2		
HC19D1AAA	19D	12/16/2003	SOIL GRID	0	0.5		
HC19D1BAA	19D	12/16/2003	SOIL GRID	1.5	2		

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SAMPLING PROGRESS
12/14/2003 - 12/20/2003**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
HC19E1AAA	19E	12/16/2003	SOIL GRID	0	0.5		
HC19E1BAA	19E	12/16/2003	SOIL GRID	1.5	2		
HC19F1AAA	199F	12/17/2003	SOIL GRID	0	0.5		
HC19F1AAD	199F	12/17/2003	SOIL GRID	0	0.5		
HC19F1BAA	199F	12/17/2003	SOIL GRID	1.5	2		
HC19G1AAA	19G	12/16/2003	SOIL GRID	0	0.5		
HC19G1BAA	19G	12/16/2003	SOIL GRID	1.5	2		
HC200A1AAA	200A	12/17/2003	SOIL GRID	0	0.5		
HC200A1BAA	200A	12/17/2003	SOIL GRID	1.5	2		
HC51R1AAA	51R	12/16/2003	SOIL GRID	0	0.5		
HC51R1AAD	51R	12/16/2003	SOIL GRID	0	0.5		
HC51R1BAA	51R	12/16/2003	SOIL GRID	1.5	2		
PIT4J-02	TR5-A	12/18/2003	SOIL GRID	0	0		
PIT5B-01	TR6-A	12/17/2003	SOIL GRID	3	4		
PIT5B-01FD	TR6-A	12/17/2003	SOIL GRID	3	4		
PIT5B-02	TR6-A	12/18/2003	SOIL GRID	0	0		
PIT6B-01	TR7-A	12/17/2003	SOIL GRID	7.2	7.2		
PIT6B-02	TR7-A	12/17/2003	SOIL GRID	7.2	7.2		
PIT8F-01	TR8-A	12/19/2003	SOIL GRID	6.5	6.5		
PIT8F-01FD	TR8-A	12/19/2003	SOIL GRID	6.5	6.5		
PIT8F-02	TR8-A	12/19/2003	SOIL GRID	2.5	4		

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

SED = Sample End Depth, measured in feet bgs

BWTS = Depth below water table, start depth, measured in feet

BWTE = Depth below water table, end depth, measured in feet

**TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 11/21/03 - 12/20/03**

SAMPLE ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
97-2C-A	97-2	12/13/2003	GROUNDWATER	132	132	68	68	E314.0	PERCHLORATE	
RSNW06-A	RSNW06	12/16/2003	GROUNDWATER					E314.0	PERCHLORATE	
RSNW06-D	RSNW06	12/16/2003	GROUNDWATER					E314.0	PERCHLORATE	
TW00-1-A	00-1	12/13/2003	GROUNDWATER	64	70	52.1	58.1	E314.0	PERCHLORATE	
W02-05M1A	02-05	12/09/2003	GROUNDWATER	110	120	81.44	91.44	E314.0	PERCHLORATE	
W02-05M2A	02-05	12/09/2003	GROUNDWATER	92	102	63.41	73.41	E314.0	PERCHLORATE	
W02-05M3A	02-05	12/09/2003	GROUNDWATER	70	80	41.37	51.37	E314.0	PERCHLORATE	
W02-08M3A	02-08	12/09/2003	GROUNDWATER	62	67	40.58	45.58	E314.0	PERCHLORATE	
W02-12M2A	02-12	12/15/2003	GROUNDWATER	94	104	43.21	53.21	E314.0	PERCHLORATE	
W259M1A	MW-259	12/04/2003	GROUNDWATER	189	199	7.62	17.62	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
W262M1A	MW-262	12/04/2003	GROUNDWATER	226	236	9.42	19.42	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	YES
W262M1A	MW-262	12/04/2003	GROUNDWATER	226	236	9.42	19.42	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
W262M1D	MW-262	12/04/2003	GROUNDWATER	226	236	9.42	19.42	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
W262M1D	MW-262	12/04/2003	GROUNDWATER	226	236	9.42	19.42	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	YES
W277M1A	MW-277	12/05/2003	GROUNDWATER	130	140	26.3	36.3	E314.0	PERCHLORATE	
W279M1A	MW-279	12/10/2003	GROUNDWATER	96	106	37.4	47.4	E314.0	PERCHLORATE	
W279M2A	MW-279	12/10/2003	GROUNDWATER	83	88	26.8	31.8	E314.0	PERCHLORATE	
W279SSA	MW-279	12/10/2003	GROUNDWATER	66	76	10	20	E314.0	PERCHLORATE	
W287M1A	MW-287	12/08/2003	GROUNDWATER	160	170	25.45	35.45	E314.0	PERCHLORATE	
W287SSA	MW-287	12/08/2003	GROUNDWATER	133	143	0	10	E314.0	PERCHLORATE	
W80M1A	MW-80	12/10/2003	GROUNDWATER	130	140	86	96	E314.0	PERCHLORATE	
W80M2A	MW-80	12/10/2003	GROUNDWATER	100	110	56	66	E314.0	PERCHLORATE	
W81M2A	MW-81	12/11/2003	GROUNDWATER	83	93	55	65	E314.0	PERCHLORATE	
EW275INF2-A	EW-275	12/03/2003	OTHER					E314.0	PERCHLORATE	
EW275INF2-D	EW-275	12/03/2003	OTHER					E314.0	PERCHLORATE	
MW-302-01	MW-302	12/10/2003	PROFILE	120	120	11	11	8330N	RDX	NO
MW-302-06	MW-302	12/10/2003	PROFILE	170	170	61	61	8330N	RDX	NO

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.

SBD = SAMPLE COLLECTION BEGIN DEPTH IN FEET BELOW GROUND SURFACE

SED = SAMPLE COLLECTION END DEPTH IN FEET BELOW GROUND SURFACE

BWTS = DEPTH BELOW WATER TABLE, START DEPTH, MEASURED IN FEET

BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET

PDA/YES = Photo Diode Array, Detect Confirmed

PDA/NO = Photo Diode Array, Detect Not Confirmed

* = Interference in sample

+ = PDAs are not good matches

**TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 11/21/03 - 12/20/03**

SAMPLE ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
MW-302-08	MW-302	12/10/2003	PROFILE	190	190	81	81	E314.0	PERCHLORATE	
MW-302-09	MW-302	12/10/2003	PROFILE	200	200	91	91	8330N	RDX	YES+
MW-302-09	MW-302	12/10/2003	PROFILE	200	200	91	91	E314.0	PERCHLORATE	
MW-302-10	MW-302	12/11/2003	PROFILE	210	210	101	101	E314.0	PERCHLORATE	
MW-302-14	MW-302	12/11/2003	PROFILE	250	250	141	141	8330N	RDX	YES+
MW-303-01	MW-303	12/11/2003	PROFILE	120	120	17	17	8260B	Acetone	
MW-303-01	MW-303	12/11/2003	PROFILE	120	120	17	17	8260B	2-Butanone (MEK)	
MW-303-01	MW-303	12/11/2003	PROFILE	120	120	17	17	8260B	4-Methyl-2-Pentanone (MIBK)	
MW-303-01	MW-303	12/11/2003	PROFILE	120	120	17	17	8330N	Nitroglycerin	NO
MW-303-01	MW-303	12/11/2003	PROFILE	120	120	17	17	8330N	Picric Acid	NO
MW-303-01	MW-303	12/11/2003	PROFILE	120	120	17	17	8330N	2-Amino-4,6-Dinitrotoluene	YES+
MW-303-01	MW-303	12/11/2003	PROFILE	120	120	17	17	8330N	RDX	YES+
MW-303-01	MW-303	12/11/2003	PROFILE	120	120	17	17	8330N	Nitrobenzene	NO
MW-303-02	MW-303	12/11/2003	PROFILE	130	130	27	27	8260B	Chloroethane	
MW-303-02	MW-303	12/11/2003	PROFILE	130	130	27	27	8260B	Chlorobenzene	
MW-303-02	MW-303	12/11/2003	PROFILE	130	130	27	27	8260B	2-Hexanone	
MW-303-02	MW-303	12/11/2003	PROFILE	130	130	27	27	8260B	4-Methyl-2-Pentanone (MIBK)	
MW-303-02	MW-303	12/11/2003	PROFILE	130	130	27	27	8260B	Benzene	
MW-303-02	MW-303	12/11/2003	PROFILE	130	130	27	27	8260B	2-Butanone (MEK)	
MW-303-02	MW-303	12/11/2003	PROFILE	130	130	27	27	8260B	Acetone	
MW-303-02	MW-303	12/11/2003	PROFILE	130	130	27	27	8330N	2-Amino-4,6-Dinitrotoluene	NO+
MW-303-02	MW-303	12/11/2003	PROFILE	130	130	27	27	8330N	Nitrobenzene	NO
MW-303-02	MW-303	12/11/2003	PROFILE	130	130	27	27	8330N	Picric Acid	NO
MW-303-02	MW-303	12/11/2003	PROFILE	130	130	27	27	8330N	RDX	NO
MW-303-02	MW-303	12/11/2003	PROFILE	130	130	27	27	8330N	2,6-Dinitrotoluene	YES+
MW-303-03	MW-303	12/11/2003	PROFILE	140	140	37	37	8330N	RDX	YES
MW-303-03	MW-303	12/11/2003	PROFILE	140	140	37	37	8330N	2,6-Dinitrotoluene	YES+

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SAMPLE ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
MW-303-03	MW-303	12/11/2003	PROFILE	140	140	37	37	8330N	Picric Acid	NO
MW-303-03	MW-303	12/11/2003	PROFILE	140	140	37	37	8330N	HMX	YES
MW-303-03	MW-303	12/11/2003	PROFILE	140	140	37	37	8330N	2-Amino-4,6-Dinitrotoluene	NO
MW-303-03	MW-303	12/11/2003	PROFILE	140	140	37	37	E314.0	PERCHLORATE	
MW-303-03FD	MW-303	12/11/2003	PROFILE	140	140	37	37	8330N	RDX	YES
MW-303-03FD	MW-303	12/11/2003	PROFILE	140	140	37	37	8330N	HMX	YES
MW-303-03FD	MW-303	12/11/2003	PROFILE	140	140	37	37	8330N	Picric Acid	NO
MW-303-03FD	MW-303	12/11/2003	PROFILE	140	140	37	37	8330N	2-Amino-4,6-Dinitrotoluene	NO
MW-303-03FD	MW-303	12/11/2003	PROFILE	140	140	37	37	8330N	2,6-Dinitrotoluene	YES+
MW-303-03FD	MW-303	12/11/2003	PROFILE	140	140	37	37	E314.0	PERCHLORATE	
MW-303-04	MW-303	12/11/2003	PROFILE	150	150	47	47	8260B	2-Butanone (MEK)	
MW-303-04	MW-303	12/11/2003	PROFILE	150	150	47	47	8330N	HMX	YES
MW-303-04	MW-303	12/11/2003	PROFILE	150	150	47	47	8330N	PETN	NO
MW-303-04	MW-303	12/11/2003	PROFILE	150	150	47	47	8330N	2,6-Dinitrotoluene	YES+
MW-303-04	MW-303	12/11/2003	PROFILE	150	150	47	47	8330N	2-Amino-4,6-Dinitrotoluene	NO
MW-303-04	MW-303	12/11/2003	PROFILE	150	150	47	47	8330N	Nitrobenzene	YES+
MW-303-04	MW-303	12/11/2003	PROFILE	150	150	47	47	8330N	RDX	YES
MW-303-04	MW-303	12/11/2003	PROFILE	150	150	47	47	8330N	Picric Acid	NO
MW-303-04	MW-303	12/11/2003	PROFILE	150	150	47	47	E314.0	PERCHLORATE	
MW-303-05	MW-303	12/12/2003	PROFILE	160	160	57	57	8260B	2-Butanone (MEK)	
MW-303-05	MW-303	12/12/2003	PROFILE	160	160	57	57	8260B	Acetone	
MW-303-05	MW-303	12/12/2003	PROFILE	160	160	57	57	8330N	Picric Acid	NO
MW-303-05	MW-303	12/12/2003	PROFILE	160	160	57	57	8330N	HMX	YES
MW-303-05	MW-303	12/12/2003	PROFILE	160	160	57	57	8330N	RDX	YES
MW-303-06	MW-303	12/12/2003	PROFILE	170	170	67	67	8260B	Acetone	
MW-303-06	MW-303	12/12/2003	PROFILE	170	170	67	67	8260B	2-Butanone (MEK)	
MW-303-06	MW-303	12/12/2003	PROFILE	170	170	67	67	8330N	HMX	YES

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SAMPLE ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
MW-303-06	MW-303	12/12/2003	PROFILE	170	170	67	67	8330N	RDX	YES
MW-303-06	MW-303	12/12/2003	PROFILE	170	170	67	67	8330N	Picric Acid	NO
MW-303-07	MW-303	12/15/2003	PROFILE	180	180	77	77	8260B	Chloromethane	
MW-303-07	MW-303	12/15/2003	PROFILE	180	180	77	77	8260B	4-Methyl-2-Pentanone (MIBK)	
MW-303-07	MW-303	12/15/2003	PROFILE	180	180	77	77	8260B	2-Hexanone	
MW-303-07	MW-303	12/15/2003	PROFILE	180	180	77	77	8260B	Chloroform	
MW-303-07	MW-303	12/15/2003	PROFILE	180	180	77	77	8260B	2-Butanone (MEK)	
MW-303-07	MW-303	12/15/2003	PROFILE	180	180	77	77	8260B	Chloroethane	
MW-303-07	MW-303	12/15/2003	PROFILE	180	180	77	77	8260B	Acetone	
MW-303-07	MW-303	12/15/2003	PROFILE	180	180	77	77	8330N	2-Amino-4,6-Dinitrotoluene	NO
MW-303-07	MW-303	12/15/2003	PROFILE	180	180	77	77	8330N	Nitroglycerin	NO
MW-303-07	MW-303	12/15/2003	PROFILE	180	180	77	77	8330N	RDX	YES
MW-303-07	MW-303	12/15/2003	PROFILE	180	180	77	77	8330N	2,6-Dinitrotoluene	YES+
MW-303-08	MW-303	12/15/2003	PROFILE	190	190	87	87	8260B	2-Butanone (MEK)	
MW-303-08	MW-303	12/15/2003	PROFILE	190	190	87	87	8260B	2-Hexanone	
MW-303-08	MW-303	12/15/2003	PROFILE	190	190	87	87	8260B	4-Methyl-2-Pentanone (MIBK)	
MW-303-08	MW-303	12/15/2003	PROFILE	190	190	87	87	8330N	HMX	YES
MW-303-08	MW-303	12/15/2003	PROFILE	190	190	87	87	8330N	RDX	YES
MW-303-09	MW-303	12/15/2003	PROFILE	200	200	97	97	8260B	Acetone	
MW-303-09	MW-303	12/15/2003	PROFILE	200	200	97	97	8330N	HMX	YES
MW-303-09	MW-303	12/15/2003	PROFILE	200	200	97	97	8330N	RDX	YES
MW-303-09	MW-303	12/15/2003	PROFILE	200	200	97	97	8330N	Picric Acid	NO
MW-303-09	MW-303	12/15/2003	PROFILE	200	200	97	97	E314.0	PERCHLORATE	
MW-303-11	MW-303	12/16/2003	PROFILE	210	210	107	107	8260B	Acetone	
MW-303-11	MW-303	12/16/2003	PROFILE	210	210	107	107	8330N	HMX	YES
MW-303-11	MW-303	12/16/2003	PROFILE	210	210	107	107	8330N	RDX	YES
MW-303-11	MW-303	12/16/2003	PROFILE	210	210	107	107	8330N	Picric Acid	NO

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MW-303-11	MW-303	12/16/2003	PROFILE	210	210	107	107	E314.0	PERCHLORATE	
MW-303-12	MW-303	12/16/2003	PROFILE	220	220	117	117	8260B	Acetone	
MW-303-12	MW-303	12/16/2003	PROFILE	220	220	117	117	8330N	HMX	YES
MW-303-12	MW-303	12/16/2003	PROFILE	220	220	117	117	8330N	RDX	YES
MW-303-12	MW-303	12/16/2003	PROFILE	220	220	117	117	E314.0	PERCHLORATE	
MW-303-13	MW-303	12/16/2003	PROFILE	230	230	127	127	8330N	RDX	YES
MW-303-13	MW-303	12/16/2003	PROFILE	230	230	127	127	8330N	HMX	YES
MW-303-13	MW-303	12/16/2003	PROFILE	230	230	127	127	E314.0	PERCHLORATE	
MW-303-13FD	MW-303	12/16/2003	PROFILE	230	230	127	127	8330N	HMX	YES
MW-303-13FD	MW-303	12/16/2003	PROFILE	230	230	127	127	8330N	RDX	YES
MW-303-13FD	MW-303	12/16/2003	PROFILE	230	230	127	127	E314.0	PERCHLORATE	
MW-303-15	MW-303	12/16/2003	PROFILE	240	240	137	137	8260B	Acetone	
MW-303-15	MW-303	12/16/2003	PROFILE	240	240	137	137	8260B	Chloroform	
MW-303-15	MW-303	12/16/2003	PROFILE	240	240	137	137	8330N	RDX	YES
MW-303-15	MW-303	12/16/2003	PROFILE	240	240	137	137	8330N	HMX	YES
MW-303-15	MW-303	12/16/2003	PROFILE	240	240	137	137	E314.0	PERCHLORATE	
MW-303-16	MW-303	12/16/2003	PROFILE	250	250	147	147	8260B	Acetone	
MW-303-16	MW-303	12/16/2003	PROFILE	250	250	147	147	8260B	2-Butanone (MEK)	
MW-303-16	MW-303	12/16/2003	PROFILE	250	250	147	147	8260B	Chloroform	
MW-303-16	MW-303	12/16/2003	PROFILE	250	250	147	147	8330N	RDX	YES
MW-303-16	MW-303	12/16/2003	PROFILE	250	250	147	147	E314.0	PERCHLORATE	
MW-303-17	MW-303	12/16/2003	PROFILE	260	260	157	157	8260B	Acetone	
MW-303-17	MW-303	12/16/2003	PROFILE	260	260	157	157	8260B	Chloroform	
MW-303-17	MW-303	12/16/2003	PROFILE	260	260	157	157	8260B	2-Butanone (MEK)	
MW-303-17	MW-303	12/16/2003	PROFILE	260	260	157	157	8330N	RDX	YES
MW-303-17	MW-303	12/16/2003	PROFILE	260	260	157	157	8330N	Picric Acid	NO
MW-303-17	MW-303	12/16/2003	PROFILE	260	260	157	157	E314.0	PERCHLORATE	

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SAMPLE ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
MW-303-18	MW-303	12/16/2003	PROFILE	270	270	167	167	8260B	Acetone	
MW-303-18	MW-303	12/16/2003	PROFILE	270	270	167	167	8260B	2-Butanone (MEK)	
MW-303-18	MW-303	12/16/2003	PROFILE	270	270	167	167	8260B	Chloroform	
MW-303-18	MW-303	12/16/2003	PROFILE	270	270	167	167	8330N	RDX	YES
MW-303-18	MW-303	12/16/2003	PROFILE	270	270	167	167	E314.0	PERCHLORATE	
MW-303-19	MW-303	12/17/2003	PROFILE	280	280	177	177	8260B	Chloroform	
MW-303-19	MW-303	12/17/2003	PROFILE	280	280	177	177	8330N	RDX	YES
MW-303-19	MW-303	12/17/2003	PROFILE	280	280	177	177	E314.0	PERCHLORATE	
MW-303-20	MW-303	12/17/2003	PROFILE	290	290	187	187	8330N	RDX	YES
MW-303-20	MW-303	12/17/2003	PROFILE	290	290	187	187	E314.0	PERCHLORATE	
MW-303-21	MW-303	12/17/2003	PROFILE	300	300	197	197	8260B	2-Butanone (MEK)	
MW-303-21	MW-303	12/17/2003	PROFILE	300	300	197	197	8330N	RDX	YES
MW-303-22	MW-303	12/17/2003	PROFILE	310	310	207	207	8260B	2-Butanone (MEK)	
MW-303-22	MW-303	12/17/2003	PROFILE	310	310	207	207	8330N	RDX	YES+
MW-303-23	MW-303	12/17/2003	PROFILE	320	320	217	217	8260B	2-Butanone (MEK)	

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