WEEKLY PROGRESS UPDATE
FOR JUNE 30 – JULY 4, 2003

EPA REGION I ADMINISTRATIVE ORDERS SDWA 1-97-1019, 1-2000-0014, & BOURNE-BWSC 4-15031

MASSACHUSETTS MILITARY RESERVATION
TRAINING RANGE AND IMPACT AREA

The following summary of progress is for the period from June 30 through July 4, 2003.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of July 4 is summarized in Table 1.

Table 1. Drilling progress as of July 4, 2003

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-276b	Bourne Area (BP-3) redrill	210	27	
MW-278	Northwest Corner (NWP-2)	230	147	80-90; 97-102; 113-123
MW-279	Northwest Corner (NWP-3)	224	155	

bgs = below ground surface
bwt = below water table

Completed well installation of MW-278 (NWP-2) and commenced well installation of MW-279 (NWP-3). Well development continued for newly installed wells.

Samples collected during the reporting period are summarized in Table 2. MW-276b is being redrilled to obtain additional analytical data before setting well screens. Groundwater samples were collected from Bourne water supply and monitoring wells, recently installed wells, from Snake Pond drive points, and as part of the April Long-Term Groundwater Monitoring Plan. Water samples were collected from the FS-12 Treatment system influent and effluent.

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. Explosive analyses for monitoring wells, and 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:

Bourne Area

- Groundwater samples from water supply well 4036000-01G had a detection of perchlorate. This is the first detection of perchlorate in this well.

Demo Area 1

- Profile samples from Well 272 (IW-D1-2) had detections of perchlorate and various explosives. Perchlorate was detected at 56 feet below the water table. 2,6-DNT; 2,4-DNT; TNT; and RDX were detected and confirmed by PDA spectra, but with interference, between 11 and 116 feet below the water table.

Southeast Ranges

- Groundwater samples from MW-247M2, MW-250M2, M3 and duplicate had detections of RDX that were confirmed by PDA spectra. The results were similar to the previous sampling rounds.

- Groundwater samples from MW-235M1 had a detection of RDX that was confirmed by PDA spectra. HMX was also detected and confirmed by PDA spectra, but with interference. The results were similar to the previous sampling rounds.

- Groundwater samples from MW-241M1 and MW-242M1 had detections of various explosives. Only RDX was detected and confirmed by PDA spectra, but with interference. There have never been validated detections of RDX these wells.

- Groundwater samples from MW-242M2 had detections of various explosives. Only 1,3,5-trinitrobenzene was detected and confirmed by PDA spectra, but with interference. There have never been validated detections of 1,3,5-trinitrobenzene in this well.

Northwest Corner

- Groundwater samples from RSNW06 had a detection of perchlorate. The results were similar to the previous sampling rounds.

- Profile results from MW-279 (NWP-3) had detections of perchlorate and explosives. Of the explosive detections, only 2,4-DANT was confirmed by PDA spectra at 155 feet below the water table. Perchlorate was detected at 31 feet below the water table. Well screens were set at the depth (-3 to 7 ft bwt) of the water table, at the depth (14 to 19 ft bwt) corresponding to the depth of the perchlorate detections in MW-278M2, and at the depth (27

to 37 ft bwt) corresponding to the projected depth that the particle track from 4036011 would intersect the MW-279 borehole.

DELIVERABLES SUBMITTED

Final MSP3 Ammunition Supply Point Workplan	06/27/2003
Draft MSP3 Ox Pond Geophysical Report	06/27/2003
Weekly Progress Update for June 23 – June 27, 2003	07/02/2003

3. SCHEDULED ACTIONS

Scheduled actions for the week of July 7 include complete well installation at MW-279 (NWP-3), continue redrilling of MW-276b (BP-3), and commence drilling of MW-280 (WS4P-3). Groundwater sampling at Bourne water supply and monitoring wells will continue.

4. SUMMARY OF ACTIVITIES FOR DEMO AREA 1

Pumping and treating groundwater near the toe of the Demo Area 1 plume and at Frank Perkins Road has been selected as an Interim Action to address the Demo Area 1 Groundwater Operable Unit. Efforts to resolve EPA and DEP comments on the Draft RRA/RAM Plan for the Groundwater Operable Unit are ongoing. Responses to EPA and MADEP comments on the Soil RRA/RAM Plan are being developed. Anomaly excavation and removal in the area will commence next week.

TABLE 2
SAMPLING PROGRESS
06/29/2003 - 07/05/2003

OGDEN_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
58MW0003-E	FIELDQC	07/03/2003	FIELDQC	0	0		
SDW261160-E	FIELDQC	06/30/2003	FIELDQC	0	0		
TW1-88B-E	FIELDQC	07/01/2003	FIELDQC	0	0		
W166M1T	FIELDQC	07/02/2003	FIELDQC	0	0		
W166M2T	FIELDQC	07/01/2003	FIELDQC	0	0		
W234M2T	FIELDQC	06/30/2003	FIELDQC	0	0		
4036000-01G-A	4036000-01G	07/01/2003	GROUNDWATER	38	69.8	6	12
4036000-03G-A	4036000-03G	07/01/2003	GROUNDWATER	50	60	6	12
4036000-04G-A	4036000-04G	07/01/2003	GROUNDWATER	54.6	64.6	6	12
4036000-06G-A	4036000-06G	07/01/2003	GROUNDWATER	108	128	6	12
58MW0003-A	58MW0003	07/03/2003	GROUNDWATER	119	124	0	5
58MW0007B-A	58MW0007B	07/03/2003	GROUNDWATER	187.7	192.7	48.38	53.38
58MW0007C-A	58MW0007C	07/03/2003	GROUNDWATER	152.78	157.78	13.25	18.25
58MW0007C-D	58MW0007C	07/03/2003	GROUNDWATER	152.78	157.78	13.25	18.25
58MW0009C-A	58MW0009C	07/03/2003	GROUNDWATER	168.21	173.21	41	47
58MW0009C-D	58MW0009C	07/03/2003	GROUNDWATER	168.21	173.21	41	47
58MW0009E-A	58MW0009E	07/03/2003	GROUNDWATER	133.4	138.4	5.3	10.3
58MW0009E-D	58MW0009E	07/03/2003	GROUNDWATER	133.4	138.4	5.3	10.3
90SNP001-A	90SNP001	06/30/2003	GROUNDWATER	0	0		
90SNP002-A	90SNP002	06/30/2003	GROUNDWATER	0	0		
SDW261160-A	SDW261160	06/30/2003	GROUNDWATER	150	160	10	20
SDW261160-D	SDW261160	06/30/2003	GROUNDWATER	150	160	10	20
TW1-88B-A	1-88	07/01/2003	GROUNDWATER	105.5	105.5	69.6	69.6
TW1-88B-D	1-88	07/01/2003	GROUNDWATER	105.5	105.5	69.6	69.6
W02-12M1A	02-12	07/01/2003	GROUNDWATER	109	119	58.35	68.35
W02-12M2A	02-12	07/01/2003	GROUNDWATER	94	104	43.21	53.21
W02-12M3A	02-12	07/01/2003	GROUNDWATER	79	89	28.22	38.22
W02-13M1A	02-13	07/01/2003	GROUNDWATER	98	108	58.33	68.33
W02-13M2A	02-13	07/01/2003	GROUNDWATER	83	93	44.2	54.2
W02-13M3A	02-13	07/01/2003	GROUNDWATER	68	78	28.3	38.3
W02-13M3D	02-13	07/01/2003	GROUNDWATER	68	78	28.3	38.3
W118M2A	MW-118	07/02/2003	GROUNDWATER	116	126	8	18
W166M1A	MW-166	07/01/2003	GROUNDWATER	218	223	112	117
W166M1A-QA	MW-166	07/01/2003	GROUNDWATER	218	223	112	117

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, 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

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SAMPLING PROGRESS
06/29/2003 - 07/05/2003

OGDEN_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W166M2A	MW-166	06/30/2003	GROUNDWATER	150	160	44	54
W166M2A-QA	MW-166	06/30/2003	GROUNDWATER	150	160	44	54
W166M3A	MW-166	07/02/2003	GROUNDWATER	125	135	19	29
W200M1A	MW-200	06/30/2003	GROUNDWATER	294	304	89.8	99.8
W201M1A	MW-201	06/30/2003	GROUNDWATER	306	316	106.9	116.9
W201M2A	MW-201	06/30/2003	GROUNDWATER	286	296	86.9	96.9
W201M3A	MW-201	06/30/2003	GROUNDWATER	266	276	66.5	76.5
W219M1A	MW-219	07/02/2003	GROUNDWATER	357	367	178	188
W219M2A	MW-219	07/02/2003	GROUNDWATER	332	342	153.05	163.05
W219M3A	MW-219	07/02/2003	GROUNDWATER	315	325	135.8	145.8
W219M4A	MW-219	07/02/2003	GROUNDWATER	225	235	45.7	55.7
W234M1A	MW-234	06/30/2003	GROUNDWATER	130	140	25.3	35.3
W234M2A	MW-234	06/30/2003	GROUNDWATER	110	120	1.6	11.6
W236SSA	MW-236	06/30/2003	GROUNDWATER	96	106	0	10
W254M1A	MW-254	07/02/2003	GROUNDWATER	230	240	165.75	175.75
W254M2A	MW-254	07/01/2003	GROUNDWATER	190	200	125.73	135.73
W254M2D	MW-254	07/01/2003	GROUNDWATER	190	200	125.73	135.73
W35M1A	MW-35	07/01/2003	GROUNDWATER	155	165	68	78
W35M1D	MW-35	07/01/2003	GROUNDWATER	155	165	68	78
W60SSA	MW-60	07/02/2003	GROUNDWATER	90.7	100.7	0	10
W60SSD	MW-60	07/02/2003	GROUNDWATER	90.7	100.7	0	10
W81M2A	MW-81	06/30/2003	GROUNDWATER	83	93	55	65
W81SSA	MW-81	06/30/2003	GROUNDWATER	25	35	0	10
WS-4-A	WS-4	07/03/2003	GROUNDWATER	207	227		
FS12TSEF-A	FS12TSEF	07/02/2003	PROCESS WATER	0	0		
FS12TSIN-A	FS12TSIN	07/02/2003	PROCESS WATER	0	0		

Profiling methods include: Volatiles and Explosives
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TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 06/06/03 - 07/05/03

OGDEN_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
4036000-01G-A	4036000-01G	06/24/2003	GROUNDWATER	38	69.8	6	12	E314.0	PERCHLORATE	
RSNW06-A	RSNW06	06/12/2003	GROUNDWATER	0	0			E314.0	PERCHLORATE	
W235M1A	MW-235	06/27/2003	GROUNDWATER	154	164	25.3	35.3	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
W235M1A	MW-235	06/27/2003	GROUNDWATER	154	164	25.3	35.3	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	YES*
W241M1A	MW-241	06/19/2003	GROUNDWATER	97	107	2.75	12.75	8330N	2,6-DINITROTOLUENE	NO
W241M1A	MW-241	06/19/2003	GROUNDWATER	97	107	2.75	12.75	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
W241M1A	MW-241	06/19/2003	GROUNDWATER	97	107	2.75	12.75	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
W241M1A	MW-241	06/19/2003	GROUNDWATER	97	107	2.75	12.75	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES*
W241M1A	MW-241	06/19/2003	GROUNDWATER	97	107	2.75	12.75	8330N	PENTAERYTHRITOL TETRANITRATE	NO
W241M1A	MW-241	06/19/2003	GROUNDWATER	97	107	2.75	12.75	8330N	PICRIC ACID	NO
W241M1A	MW-241	06/19/2003	GROUNDWATER	97	107	2.75	12.75	8330N	NITROGLYCERIN	NO
W241M1A	MW-241	06/19/2003	GROUNDWATER	97	107	2.75	12.75	8330N	3-NITROTOLUENE	NO
W241M1A	MW-241	06/19/2003	GROUNDWATER	97	107	2.75	12.75	8330N	2-NITROTOLUENE	NO
W242M1A	MW-242	06/23/2003	GROUNDWATER	235	245	141.68	151.68	8330N	NITROGLYCERIN	NO
W242M1A	MW-242	06/23/2003	GROUNDWATER	235	245	141.68	151.68	8330N	4-NITROTOLUENE	NO
W242M1A	MW-242	06/23/2003	GROUNDWATER	235	245	141.68	151.68	8330N	2-NITROTOLUENE	NO
W242M1A	MW-242	06/23/2003	GROUNDWATER	235	245	141.68	151.68	8330N	PICRIC ACID	NO
W242M1A	MW-242	06/23/2003	GROUNDWATER	235	245	141.68	151.68	8330N	3-NITROTOLUENE	NO
W242M1A	MW-242	06/23/2003	GROUNDWATER	235	245	141.68	151.68	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
W242M1A	MW-242	06/23/2003	GROUNDWATER	235	245	141.68	151.68	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	Yes*
W242M1A	MW-242	06/23/2003	GROUNDWATER	235	245	141.68	151.68	8330N	1,3,5-TRINITROBENZENE	NO
W242M1A	MW-242	06/23/2003	GROUNDWATER	235	245	141.68	151.68	8330N	2,6-DINITROTOLUENE	NO*

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TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 06/06/03 - 07/05/03

OGDEN_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W242M2A	MW-242	06/23/2003	GROUNDWATER	165	175	71.75	81.75	8330N	NITROGLYCERIN	NO
W242M2A	MW-242	06/23/2003	GROUNDWATER	165	175	71.75	81.75	8330N	1,3,5-TRINITROBENZENE	YES*
W242M2A	MW-242	06/23/2003	GROUNDWATER	165	175	71.75	81.75	8330N	PICRIC ACID	NO
W242M2A	MW-242	06/23/2003	GROUNDWATER	165	175	71.75	81.75	8330N	2-NITROTOLUENE	NO
W247M2A	MW-247	06/23/2003	GROUNDWATER	125	135	102.78	112.78	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
W250M2A	MW-250	06/23/2003	GROUNDWATER	145	155	134.82	144.82	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
W250M3A	MW-250	06/23/2003	GROUNDWATER	95	105	84.85	94.85	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES*
W250M3D	MW-250	06/23/2003	GROUNDWATER	95	105	84.85	94.85	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES*
G272DBA	MW-272	06/09/2003	PROFILE	110	110	15.5	15.5	8330N	2,4-DINITROTOLUENE	YES*
G272DBA	MW-272	06/09/2003	PROFILE	110	110	15.5	15.5	8330N	1,3,5-TRINITROBENZENE	NO*
G272DBA	MW-272	06/09/2003	PROFILE	110	110	15.5	15.5	8330N	PENTAERYTHRITOL TETRANITRATE	NO
G272DBA	MW-272	06/09/2003	PROFILE	110	110	15.5	15.5	8330N	1,3-DINITROBENZENE	NO
G272DBA	MW-272	06/09/2003	PROFILE	110	110	15.5	15.5	8330N	2,4,6-TRINITROTOLUENE	NO
G272DBA	MW-272	06/09/2003	PROFILE	110	110	15.5	15.5	8330N	2,6-DINITROTOLUENE	YES*
G272DBA	MW-272	06/09/2003	PROFILE	110	110	15.5	15.5	8330N	PICRIC ACID	NO
G272DBA	MW-272	06/09/2003	PROFILE	110	110	15.5	15.5	8330N	NITROGLYCERIN	NO
G272DCA	MW-272	06/09/2003	PROFILE	120	120	25.5	25.5	8330N	NITROGLYCERIN	NO*
G272DCA	MW-272	06/09/2003	PROFILE	120	120	25.5	25.5	8330N	PICRIC ACID	NO
G272DCA	MW-272	06/09/2003	PROFILE	120	120	25.5	25.5	8330N	2,4-DINITROTOLUENE	NO*
G272DCA	MW-272	06/09/2003	PROFILE	120	120	25.5	25.5	8330N	2,6-DINITROTOLUENE	NO*
G272DCA	MW-272	06/09/2003	PROFILE	120	120	25.5	25.5	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G272DCA	MW-272	06/09/2003	PROFILE	120	120	25.5	25.5	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO*

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SAMPLES COLLECTED 06/06/03 - 07/05/03

OGDEN_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G272DCA	MW-272	06/09/2003	PROFILE	120	120	25.5	25.5	8330N	PENTAERYTHRITOL TETRANITRATE	NO*
G272DCA	MW-272	06/09/2003	PROFILE	120	120	25.5	25.5	8330N	2,4,6-TRINITROTOLUENE	NO*
G272DCA	MW-272	06/09/2003	PROFILE	120	120	25.5	25.5	8330N	1,3-DINITROBENZENE	NO
G272DDA	MW-272	06/09/2003	PROFILE	130	130	35.5	35.5	8330N	NITROGLYCERIN	NO*
G272DDA	MW-272	06/09/2003	PROFILE	130	130	35.5	35.5	8330N	PENTAERYTHRITOL TETRANITRATE	NO*
G272DDA	MW-272	06/09/2003	PROFILE	130	130	35.5	35.5	8330N	PICRIC ACID	NO
G272DDA	MW-272	06/09/2003	PROFILE	130	130	35.5	35.5	8330N	2,4,6-TRINITROTOLUENE	NO*
G272DDA	MW-272	06/09/2003	PROFILE	130	130	35.5	35.5	8330N	2,4-DINITROTOLUENE	NO*
G272DDA	MW-272	06/09/2003	PROFILE	130	130	35.5	35.5	8330N	2,6-DINITROTOLUENE	NO*
G272DDA	MW-272	06/09/2003	PROFILE	130	130	35.5	35.5	8330N	1,3-DINITROBENZENE	NO
G272DEA	MW-272	06/10/2003	PROFILE	140	140	45.5	45.5	8330N	NITROGLYCERIN	NO*
G272DEA	MW-272	06/10/2003	PROFILE	140	140	45.5	45.5	8330N	2,4-DINITROTOLUENE	YES*
G272DEA	MW-272	06/10/2003	PROFILE	140	140	45.5	45.5	8330N	PICRIC ACID	NO
G272DEA	MW-272	06/10/2003	PROFILE	140	140	45.5	45.5	8330N	2,6-DINITROTOLUENE	YES*
G272DFA	MW-272	06/10/2003	PROFILE	150	150	55.5	55.5	8330N	PICRIC ACID	NO
G272DFA	MW-272	06/10/2003	PROFILE	150	150	55.5	55.5	8330N	2,4-DINITROTOLUENE	NO*
G272DFA	MW-272	06/10/2003	PROFILE	150	150	55.5	55.5	8330N	2,6-DINITROTOLUENE	NO*
G272DFA	MW-272	06/10/2003	PROFILE	150	150	55.5	55.5	E314.0	PERCHLORATE	
G272DFA	MW-272	06/10/2003	PROFILE	150	150	55.5	55.5	8330N	NITROGLYCERIN	NO
G272DGA	MW-272	06/11/2003	PROFILE	160	160	65.5	65.5	8330N	2,4-DINITROTOLUENE	YES*
G272DGA	MW-272	06/11/2003	PROFILE	160	160	65.5	65.5	8330N	PICRIC ACID	NO*
G272DGA	MW-272	06/11/2003	PROFILE	160	160	65.5	65.5	8330N	PENTAERYTHRITOL TETRANITRATE	NO

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SAMPLES COLLECTED 06/06/03 - 07/05/03

OGDEN_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G272DGA	MW-272	06/11/2003	PROFILE	160	160	65.5	65.5	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES*
G272DGA	MW-272	06/11/2003	PROFILE	160	160	65.5	65.5	8330N	2,6-DINITROTOLUENE	YES*
G272DGA	MW-272	06/11/2003	PROFILE	160	160	65.5	65.5	8330N	NITROGLYCERIN	NO
G272DHA	MW-272	06/11/2003	PROFILE	170	170	75.5	75.5	8330N	NITROGLYCERIN	NO
G272DHA	MW-272	06/11/2003	PROFILE	170	170	75.5	75.5	8330N	PENTAERYTHRITOL TETRANITRATE	NO
G272DHA	MW-272	06/11/2003	PROFILE	170	170	75.5	75.5	8330N	PICRIC ACID	NO
G272DHA	MW-272	06/11/2003	PROFILE	170	170	75.5	75.5	8330N	2,4,6-TRINITROTOLUENE	NO*
G272DHA	MW-272	06/11/2003	PROFILE	170	170	75.5	75.5	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G272DHA	MW-272	06/11/2003	PROFILE	170	170	75.5	75.5	8330N	2,6-DINITROTOLUENE	YES*
G272DHA	MW-272	06/11/2003	PROFILE	170	170	75.5	75.5	8330N	2,4-DINITROTOLUENE	YES*
G272DIA	MW-272	06/11/2003	PROFILE	180	180	85.5	85.5	8330N	1,3,5-TRINITROBENZENE	NO*
G272DIA	MW-272	06/11/2003	PROFILE	180	180	85.5	85.5	8330N	NITROGLYCERIN	NO*
G272DIA	MW-272	06/11/2003	PROFILE	180	180	85.5	85.5	8330N	PENTAERYTHRITOL TETRANITRATE	NO*
G272DIA	MW-272	06/11/2003	PROFILE	180	180	85.5	85.5	8330N	PICRIC ACID	NO*
G272DIA	MW-272	06/11/2003	PROFILE	180	180	85.5	85.5	8330N	2,4-DINITROTOLUENE	NO*
G272DIA	MW-272	06/11/2003	PROFILE	180	180	85.5	85.5	8330N	2,6-DINITROTOLUENE	YES*
G272DIA	MW-272	06/11/2003	PROFILE	180	180	85.5	85.5	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G272DIA	MW-272	06/11/2003	PROFILE	180	180	85.5	85.5	8330N	2,4,6-TRINITROTOLUENE	NO*
G272DIA	MW-272	06/11/2003	PROFILE	180	180	85.5	85.5	8330N	1,3-DINITROBENZENE	NO
G272DJA	MW-272	06/11/2003	PROFILE	190	190	95.5	95.5	8330N	2,6-DINITROTOLUENE	NO*
G272DJA	MW-272	06/11/2003	PROFILE	190	190	95.5	95.5	8330N	PICRIC ACID	NO
G272DJA	MW-272	06/11/2003	PROFILE	190	190	95.5	95.5	8330N	2,4,6-TRINITROTOLUENE	NO*

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TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 06/06/03 - 07/05/03

OGDEN_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G272DJA	MW-272	06/11/2003	PROFILE	190	190	95.5	95.5	8330N	NITROGLYCERIN	NO
G272DJA	MW-272	06/11/2003	PROFILE	190	190	95.5	95.5	8330N	1,3-DINITROBENZENE	NO
G272DJA	MW-272	06/11/2003	PROFILE	190	190	95.5	95.5	8330N	2,4-DINITROTOLUENE	YES*
G272DJA	MW-272	06/11/2003	PROFILE	190	190	95.5	95.5	8330N	PENTAERYTHRITOL TETRANITRATE	NO
G272DJA	MW-272	06/11/2003	PROFILE	190	190	95.5	95.5	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G272DKA	MW-272	06/11/2003	PROFILE	200	200	105.5	105.5	8330N	NITROGLYCERIN	NO*
G272DKA	MW-272	06/11/2003	PROFILE	200	200	105.5	105.5	8330N	1,3-DINITROBENZENE	NO
G272DKA	MW-272	06/11/2003	PROFILE	200	200	105.5	105.5	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G272DKA	MW-272	06/11/2003	PROFILE	200	200	105.5	105.5	8330N	4-AMINO-2,6-DINITROTOLUENE	NO*
G272DKA	MW-272	06/11/2003	PROFILE	200	200	105.5	105.5	8330N	2,4,6-TRINITROTOLUENE	YES*
G272DKA	MW-272	06/11/2003	PROFILE	200	200	105.5	105.5	8330N	PENTAERYTHRITOL TETRANITRATE	NO
G272DKA	MW-272	06/11/2003	PROFILE	200	200	105.5	105.5	8330N	PICRIC ACID	NO
G272DKA	MW-272	06/11/2003	PROFILE	200	200	105.5	105.5	8330N	1,3,5-TRINITROBENZENE	NO*
G272DKA	MW-272	06/11/2003	PROFILE	200	200	105.5	105.5	8330N	2,6-DINITROTOLUENE	YES*
G272DKA	MW-272	06/11/2003	PROFILE	200	200	105.5	105.5	8330N	2,4-DINITROTOLUENE	YES*
G272DLA	MW-272	06/11/2003	PROFILE	210	210	115.5	115.5	8330N	NITROGLYCERIN	NO
G272DLA	MW-272	06/11/2003	PROFILE	210	210	115.5	115.5	8330N	PENTAERYTHRITOL TETRANITRATE	NO
G272DLA	MW-272	06/11/2003	PROFILE	210	210	115.5	115.5	8330N	PICRIC ACID	NO
G272DLA	MW-272	06/11/2003	PROFILE	210	210	115.5	115.5	8330N	2,4-DINITROTOLUENE	YES*
G272DLA	MW-272	06/11/2003	PROFILE	210	210	115.5	115.5	8330N	2,6-DINITROTOLUENE	YES*
G272DLA	MW-272	06/11/2003	PROFILE	210	210	115.5	115.5	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G272DLA	MW-272	06/11/2003	PROFILE	210	210	115.5	115.5	8330N	1,3-DINITROBENZENE	NO

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OGDEN_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G272DLA	MW-272	06/11/2003	PROFILE	210	210	115.5	115.5	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G279DAA	MW-279	06/19/2003	PROFILE	100	100	30.95	30.95	8330N	PICRIC ACID	NO
G279DAA	MW-279	06/19/2003	PROFILE	100	100	30.95	30.95	8330N	NITROGLYCERIN	NO
G279DAA	MW-279	06/19/2003	PROFILE	100	100	30.95	30.95	8330N	2,6-DINITROTOLUENE	NO
G279DAA	MW-279	06/19/2003	PROFILE	100	100	30.95	30.95	E314.0	PERCHLORATE	
G279DBA	MW-279	06/20/2003	PROFILE	110	110	40.95	40.95	8330N	1,3-DINITROBENZENE	NO
G279DBA	MW-279	06/20/2003	PROFILE	110	110	40.95	40.95	8330N	NITROGLYCERIN	NO
G279DBA	MW-279	06/20/2003	PROFILE	110	110	40.95	40.95	8330N	PICRIC ACID	NO
G279DCA	MW-279	06/20/2003	PROFILE	120	120	50.95	50.95	8330N	NITROGLYCERIN	NO
G279DCA	MW-279	06/20/2003	PROFILE	120	120	50.95	50.95	8330N	PICRIC ACID	NO
G279DCA	MW-279	06/20/2003	PROFILE	120	120	50.95	50.95	8330N	2,6-DINITROTOLUENE	NO
G279DDA	MW-279	06/20/2003	PROFILE	130	130	60.95	60.95	8330N	PICRIC ACID	NO
G279DDA	MW-279	06/20/2003	PROFILE	130	130	60.95	60.95	8330N	2,6-DINITROTOLUENE	NO
G279DDA	MW-279	06/20/2003	PROFILE	130	130	60.95	60.95	8330N	NITROGLYCERIN	NO
G279DEA	MW-279	06/20/2003	PROFILE	140	140	70.95	70.95	8330N	PICRIC ACID	NO
G279DEA	MW-279	06/20/2003	PROFILE	140	140	70.95	70.95	8330N	NITROGLYCERIN	NO
G279DED	MW-279	06/20/2003	PROFILE	140	140	70.95	70.95	8330N	NITROGLYCERIN	NO
G279DED	MW-279	06/20/2003	PROFILE	140	140	70.95	70.95	8330N	PICRIC ACID	NO
G279DFA	MW-279	06/23/2003	PROFILE	150	150	80.95	80.95	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G279DFA	MW-279	06/23/2003	PROFILE	150	150	80.95	80.95	8330N	NITROGLYCERIN	NO
G279DFA	MW-279	06/23/2003	PROFILE	150	150	80.95	80.95	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G279DFA	MW-279	06/23/2003	PROFILE	150	150	80.95	80.95	8330N	PICRIC ACID	NO

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SAMPLES COLLECTED 06/06/03 - 07/05/03

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G279DGA	MW-279	06/23/2003	PROFILE	160	160	90.95	90.95	8330N	PICRIC ACID	NO
G279DHA	MW-279	06/23/2003	PROFILE	170	170	100.95	100.95	8330N	PICRIC ACID	NO
G279DIA	MW-279	06/23/2003	PROFILE	180	180	110.95	110.95	8330N	NITROGLYCERIN	NO
G279DIA	MW-279	06/23/2003	PROFILE	180	180	110.95	110.95	8330N	PICRIC ACID	NO
G279DIA	MW-279	06/23/2003	PROFILE	180	180	110.95	110.95	8330N	1,3,5-TRINITROBENZENE	NO*
G279DIA	MW-279	06/23/2003	PROFILE	180	180	110.95	110.95	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G279DIA	MW-279	06/23/2003	PROFILE	180	180	110.95	110.95	8330N	2,6-DINITROTOLUENE	NO
G279DJA	MW-279	06/23/2003	PROFILE	190	190	120.95	120.95	8330N	PICRIC ACID	NO
G279DJA	MW-279	06/23/2003	PROFILE	190	190	120.95	120.95	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G279DJA	MW-279	06/23/2003	PROFILE	190	190	120.95	120.95	8330N	NITROGLYCERIN	NO
G279DKA	MW-279	06/24/2003	PROFILE	200	200	130.95	130.95	8330N	PICRIC ACID	NO
G279DLA	MW-279	06/24/2003	PROFILE	210	210	140.95	140.95	8330N	NITROGLYCERIN	NO
G279DLA	MW-279	06/24/2003	PROFILE	210	210	140.95	140.95	8330N	PICRIC ACID	NO
G279DMA	MW-279	06/27/2003	PROFILE	220	220	150.95	150.95	8330N	PICRIC ACID	NO
G279DNA	MW-279	06/27/2003	PROFILE	224	224	154.95	154.95	8330N	PICRIC ACID	NO
G279DNA	MW-279	06/27/2003	PROFILE	224	224	154.95	154.95	8330N	NITROGLYCERIN	NO
G279DNA	MW-279	06/27/2003	PROFILE	224	224	154.95	154.95	8330N	2,4-DIAMINO-6-NITROTOLUENE	YES

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