WEEKLY PROGRESS UPDATE
FOR MARCH 15 – MARCH 19, 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 March 15 through March 19, 2004.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of March 19, 2004 is summarized in Table 1.

Table 1. Drilling progress as of March 19, 2004

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-307	J-2 Range (J2P-28)	331	224	
MW-315	J-1 Range (J1P-27)	318	193	194-204; 215-225; 255-265
MW-316	Western Boundary (BP-6)	356	169	
MW-318	J-2 Range (J2P-35)	337	216	
MW-319	J-2 Range (J2P-21)	324	231	
MW-320	Northwest Corner (NWP-15)	270	154	
MW-321	J-2 Range (J2P-24)	260	155	
MW-322	J-2 Range (J2P-36)	336	217	

bgs = below ground surface
bwt = below water table

Completed well installation at MW-315 (J1P-27), commenced well installation at MW-307 (J2P-28) and MW-316 (BP-6), completed drilling at MW-320 (NWP-15), and continued drilling at MW-321 (J2P-24) and MW-322 (J2P-36). Well development continued for recently installed wells.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-316, MW-320, MW-321 and MW-322. Groundwater samples were collected from Bourne water supply and monitoring wells, residential wells, recently installed wells, wells installed along Canal View Road, and as part of the December round of the Draft 2003 Long-Term Groundwater Monitoring Program. Investigation-derived waste (IDW) samples were collected from the Granular Activated Carbon (GAC) treatment system and from the spoils pile at MW-288. Pore water samples were collected from lysimeters installed at Target 42 in the Impact Area. Samples were collected from well development water from IW-272. Soil samples were collected from grids at the J-2 Range and Target 42 in the Impact Area.

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 02-04M1 and MW-80M1, M2 had detections of perchlorate. The results were similar to previous sampling rounds.

- Profile samples from MW-316 (BP-6) had detections of explosives. Of the explosive compounds, TNT was confirmed by PDA spectra, but with interference, at 104 feet below the water table. A well screen was set at depth (-2 to 8 ft bwt) corresponding to the downgradient perchlorate detections in MW-216S.

Northwest Corner

- Groundwater samples from MW-309M1 and S had detections of perchlorate. This is the first sampling event for these wells and the results were consistent with the profile results.

- Profile samples from MW-320 (NWP-15) had detections of explosives and perchlorate. None of the explosives detections were confirmed by PDA spectra. Perchlorate was detected in four intervals between 0 and 29 feet below the water table. Well screens were set at depth (-2 to 8 ft bwt) corresponding to the top of the perchlorate detections and at the depth (22 to 32 ft bwt) corresponding to the bottom of the perchlorate detections.

Impact Area

- Groundwater samples from 58MW0009C, 58MW0009E and duplicate; 58MW0011D; 58MW0016B and 58MW0018A had detections of perchlorate. The results were similar to previous sampling rounds.

3. DELIVERABLES SUBMITTED

Draft Addendum to the IAGWSP Technical Team Memorandum 01-6 Central Impact Area Groundwater Report	03/18/2004
Weekly Progress Update for March 8, 2004 – March 12, 2004	03/18/2004

4. SCHEDULED ACTIONS

Scheduled actions for the week of March 22 include complete well installation at MW-307 (J2P-28), MW-316 (BP-6), and MW-320 (NWP-15); commence well installation at MW-319 (J2P-21); complete drilling at MW-321 (J2P-24), and MW-322 (J2P-36); and commence drilling at MW-317 (CBP-9), MW-323 (NWP-8a), MW-324 (J2P-23), and MW-325 (LP-13). Groundwater sampling of Bourne water supply and monitoring wells, and recently installed wells will continue. Groundwater sampling as part of the December round of the Draft 2003 Long-Term Groundwater Monitoring Plan will conclude.

5. SUMMARY OF ACTIVITIES FOR DEMO AREA 1

Development 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 will be completed this month. Installation of subsurface piping and electrical supply for the Pew Road Extraction, Treatment and Recharge System continues.

As part of the Soil RRA, excavation of contaminated soil within the Demo 1 depression continues. Approximately 3000 tons of contaminated soil has been processed as part of preliminary soil treatment activities. Preparation for the Proof of Performance testing is ongoing.

TABLE 2
SAMPLING PROGRESS
03/14/2004 - 03/20/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
4036000-01G-A	4036000-01G	03/15/2004	GROUNDWATER	38	69.8	6	12
4036000-06G-A	4036000-06G	03/15/2004	GROUNDWATER	108	128	6	12
58MW0007B-A	58MW0007B	03/15/2004	GROUNDWATER	187.7	192.7	49	54
90LWA0007-A	90LWA0007	03/18/2004	GROUNDWATER	92	102	0	10
90MW0019-A	90MW0019	03/16/2004	GROUNDWATER	161	166	78	83
90MW0022-A	90MW0022	03/16/2004	GROUNDWATER	112	117	72.79	77.79
90MW0031-A	90MW0031	03/16/2004	GROUNDWATER	195.32	200.2	112	117
90MW0038-A	90MW0038	03/16/2004	GROUNDWATER	94.75	99.62	29	34
90MW0041-A	90MW0041	03/16/2004	GROUNDWATER	125.37	130.2	31.5	36.5
90MW0061-A	90MW0061	03/16/2004	GROUNDWATER	150	155	58.65	63.65
90WT0004-A	90WT0004	03/16/2004	GROUNDWATER	35	45	3	13
90WT0006-A	90WT0006	03/16/2004	GROUNDWATER	95	105	0	10
90WT0006-D	90WT0006	03/16/2004	GROUNDWATER	95	105	0	10
RSNW01-A	RSNW01	03/17/2004	GROUNDWATER				
RSNW03-A	RSNW03	03/17/2004	GROUNDWATER				
W02-03M1A	02-03	03/15/2004	GROUNDWATER	130	140	86.1	96.1
W02-03M1D	02-03	03/15/2004	GROUNDWATER	130	140	86.1	96.1
W02-04M1A	02-04	03/15/2004	GROUNDWATER	123	133	73.97	83.97
W02-04M2A	02-04	03/15/2004	GROUNDWATER	98	108	48.93	58.93
W02-04M3A	02-04	03/15/2004	GROUNDWATER	83	93	34.01	44.01
W02-05M1A	02-05	03/18/2004	GROUNDWATER	110	120	81.44	91.44
W02-05M2A	02-05	03/18/2004	GROUNDWATER	92	102	63.41	73.41
W02-05M3A	02-05	03/18/2004	GROUNDWATER	70	80	41.37	51.37
W02-08M1A	02-08	03/15/2004	GROUNDWATER	108	113	86.56	91.56
W02-08M2A	02-08	03/18/2004	GROUNDWATER	82	87	60.65	65.65
W02-08M3A	02-08	03/18/2004	GROUNDWATER	62	67	40.58	45.58
W02-09M1A	02-09	03/18/2004	GROUNDWATER	74	84	65.26	75.26
W02-09M1D	02-09	03/18/2004	GROUNDWATER	74	84	65.26	75.26
W02-09M2A	02-09	03/18/2004	GROUNDWATER	59	69	50.3	60.3
W02-09SSA	02-09	03/18/2004	GROUNDWATER	7	17	0	10
W02-13M1A	02-13	03/15/2004	GROUNDWATER	98	108	58.33	68.33
W02-13M2A	02-13	03/15/2004	GROUNDWATER	83	93	44.2	54.2
W02-13M3A	02-13	03/15/2004	GROUNDWATER	68	78	28.3	38.3
W213M1A	MW-213	03/18/2004	GROUNDWATER	133	143	85.01	95.01
W213M2A	MW-213	03/18/2004	GROUNDWATER	89	99	41.15	51.15

Profiling methods may include: Volatiles, Explosives, and Perchlorate
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, Perchlorate and Wet Chemistry
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03/14/2004 - 03/20/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W213M3A	MW-213	03/19/2004	GROUNDWATER	77	82	29.38	34.38
W216SSA	MW-216	03/16/2004	GROUNDWATER	199	209	0	7.13
W218M1A	MW-218	03/15/2004	GROUNDWATER	128	133	123	128
W218M2A	MW-218	03/15/2004	GROUNDWATER	98	103	93	98
W218M3A	MW-218	03/15/2004	GROUNDWATER	78	83	73	78
W219M1A	MW-219	03/17/2004	GROUNDWATER	357	367	178	188
W219M2A	MW-219	03/17/2004	GROUNDWATER	332	342	153.05	163.05
W219M2D	MW-219	03/17/2004	GROUNDWATER	332	342	153.05	163.05
W219M3A	MW-219	03/17/2004	GROUNDWATER	315	325	135.8	145.8
W219M4A	MW-219	03/18/2004	GROUNDWATER	225	235	45.7	55.7
W220DDA	MW-220	03/17/2004	GROUNDWATER	299	309	171.83	181.83
W220M1A	MW-220	03/18/2004	GROUNDWATER	248	258	120.85	130.85
W220M1D	MW-220	03/18/2004	GROUNDWATER	248	258	120.85	130.85
W221M2A	MW-221	03/15/2004	GROUNDWATER	178	188	32.85	42.85
W221M2D	MW-221	03/15/2004	GROUNDWATER	178	188	32.85	42.85
W225M2A	MW-225	03/15/2004	GROUNDWATER	145	155	46.48	56.48
W225M3A	MW-225	03/15/2004	GROUNDWATER	125	135	26.48	36.48
W227M1A	MW-227	03/16/2004	GROUNDWATER	130	140	76.38	86.38
W227M2A	MW-227	03/16/2004	GROUNDWATER	110	120	56.38	66.38
W227M3A	MW-227	03/16/2004	GROUNDWATER	65	75	11.39	21.39
W276M1A	MW-276	03/18/2004	GROUNDWATER	295	305	114	124
W276M2A	MW-276	03/18/2004	GROUNDWATER	234	244	52.88	62.88
W276M3A	MW-276	03/18/2004	GROUNDWATER	185	195	0	10
W276M3D	MW-276	03/18/2004	GROUNDWATER	185	195	0	10
W277M1A	MW-277	03/17/2004	GROUNDWATER	130	140	26.3	36.3
W277SSA	MW-277	03/17/2004	GROUNDWATER	102	112	0	10
W278M1A	MW-278	03/17/2004	GROUNDWATER	113	123	25.76	35.76
W278M2A	MW-278	03/17/2004	GROUNDWATER	97	102	9.79	14.79
W279M1A	MW-279	03/17/2004	GROUNDWATER	96	106	37.4	47.4
W279M2A	MW-279	03/17/2004	GROUNDWATER	83	88	26.8	31.8
W279M2D	MW-279	03/17/2004	GROUNDWATER	83	88	26.8	31.8
W279SSA	MW-279	03/17/2004	GROUNDWATER	66	76	10	20
W285M1A	MW-285	03/19/2004	GROUNDWATER	179	189		
W288M1A	MW-288	03/16/2004	GROUNDWATER	190	200	102.19	112.19
DW031504B-NV	GAC WATER	03/15/2004	IDW	0	0		

Profiling methods may include: Volatiles, Explosives, and Perchlorate
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03/14/2004 - 03/20/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
DW031504B-NV	GACWATER	03/15/2004	IDW	0	0		
DW031504-NV	GAC WATER	03/15/2004	IDW	0	0		
DW031504-NV	GACWATER	03/15/2004	IDW	0	0		
JEGACDLM01	JEGACDLM01	03/19/2004	IDW	0	0		
SC28801	SOIL CUTTIN	03/16/2004	IDW	0	0		
IW272EFF0-A	MW-272	03/17/2004	PROCESS WATE				
IW272EFF1-A	MW-272	03/18/2004	PROCESS WATE				
IW272INF0-A	MW-272	03/18/2004	PROCESS WATE				
IW272INF1-A	MW-272	03/18/2004	PROCESS WATE				
IW272MID0-A	MW-272	03/17/2004	PROCESS WATE				
IW272MID1-A	MW-272	03/18/2004	PROCESS WATE				
G316DNA	MW-316	03/15/2004	PROFILE	320	320	133.5	133.5
G316DOA	MW-316	03/16/2004	PROFILE	330	330	143.5	143.5
G316DPA	MW-316	03/16/2004	PROFILE	340	340	153.5	153.5
G316DQA	MW-316	03/16/2004	PROFILE	350	350	163.5	163.5
G320DPA	MW-320	03/15/2004	PROFILE	265	265	148.85	148.85
G320DQA	MW-320	03/15/2004	PROFILE	270	270	153.85	153.85
MW-321	MW-321-13FD	03/17/2004	PROFILE	210	210	105	105
MW-321	MW-321-15	03/18/2004	PROFILE	220	220	115	115
MW-321	MW-321-17	03/18/2004	PROFILE	240	240	135	135
MW-321	MW-321-19	03/19/2004	PROFILE	250	250	145	145
MW-321	MW-321-13	03/17/2004	PROFILE	210	210	105	105
MW-321	MW-321-07	03/15/2004	PROFILE	170	170	65	65
MW-321	MW-321-10	03/16/2004	PROFILE	180	180	75	75
MW-321	MW-321-11	03/16/2004	PROFILE	200	200	95	95
MW-321	MW-321-09	03/16/2004	PROFILE	180	180	75	75
MW-321	MW-321-06	03/15/2004	PROFILE	160	160	55	55
MW-321	MW-321-02	03/15/2004	PROFILE	120	120	15	15
MW-321	MW-321-05	03/15/2004	PROFILE	150	150	45	45
MW-321	MW-321-03	03/15/2004	PROFILE	130	130	25	25
MW-321	MW-321-03FD	03/15/2004	PROFILE	130	130	25	25
MW-321	MW-321-04	03/15/2004	PROFILE	140	140	35	35
MW-321	MW-321-01	03/15/2004	PROFILE	116	116	11	11
MW-322	MW-322-07	03/15/2004	PROFILE	180	180	61	61
MW-322	MW-322-14	03/18/2004	PROFILE	240	240	121	121

Profiling methods may include: Volatiles, Explosives, and Perchlorate
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03/14/2004 - 03/20/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
MW-322	MW-322-13FD	03/18/2004	PROFILE	230	230	111	111
MW-322	MW-322-13	03/18/2004	PROFILE	230	230	111	111
MW-322	MW-322-12	03/17/2004	PROFILE	220	220	101	101
MW-322	MW-322-11	03/17/2004	PROFILE	210	210	91	91
MW-322	MW-322-15	03/18/2004	PROFILE	250	250	131	131
MW-322	MW-322-09	03/16/2004	PROFILE	190	190	71	71
MW-322	MW-322-23	03/19/2004	PROFILE	320	330	201	211
MW-322	MW-322-10	03/16/2004	PROFILE	200	200	81	81
MW-322	MW-322-16	03/18/2004	PROFILE	260	260	141	141
MW-322	MW-322-17	03/18/2004	PROFILE	270	270	151	151
MW-322	MW-322-18	03/18/2004	PROFILE	280	280	161	161
MW-322	MW-322-19	03/18/2004	PROFILE	290	290	171	171
MW-322	MW-322-20	03/18/2004	PROFILE	300	300	181	181
MW-322	MW-322-21	03/18/2004	PROFILE	310	310	191	191
MW-322	MW-322-03	03/15/2004	PROFILE	140	140	21	21
MW-322	MW-322-03FD	03/15/2004	PROFILE	140	140	21	21
MW-322	MW-322-06	03/15/2004	PROFILE	170	170	51	51
MW-322	MW-322-04	03/15/2004	PROFILE	150	150	31	31
MW-322	MW-322-05	03/15/2004	PROFILE	160	160	41	41
MW-322	MW-322-24	03/19/2004	PROFILE	330	330	211	211
HD125LB1AAA	125LB	03/19/2004	SOIL GRID	2	2		
HD125LB1BAA	125LB	03/19/2004	SOIL GRID	4	4		
SS101Q	SS101Q3-01	03/19/2004	SOIL GRID	0	0.25		
SS101Q	SS101Q3-02	03/19/2004	SOIL GRID	0.25	0.5		
SS101Q	SS101Q3-03	03/19/2004	SOIL GRID	0.5	1		
SS15158-A	101OYH-01	03/16/2004	SOIL GRID	0	0.25		
SS15158-A	101OYH-03	03/16/2004	SOIL GRID	0.5	1		
SS15158-A	101OYH-02	03/16/2004	SOIL GRID	0.25	0.5		
SS15158-A	101OYH-03FD	03/16/2004	SOIL GRID	0	0		
SS15162-A	101OYL-03	03/15/2004	SOIL GRID	0.5	1		
SS15162-A	101OYL-01	03/15/2004	SOIL GRID	0	0.25		
SS15162-A	101OYL-02	03/15/2004	SOIL GRID	0.25	0.5		
SS15163-A	101OYM-03-	03/16/2004	SOIL GRID	0.5	1		
SS15163-A	101OYM-02	03/16/2004	SOIL GRID	0.25	0.5		
SS15163-A	101OYM-01	03/16/2004	SOIL GRID	0	0.25		

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03/14/2004 - 03/20/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
SS15165-A	101DJ-03	03/18/2004	SOIL GRID	0.5	1		
SS15165-A	101DJ-02	03/18/2004	SOIL GRID	0.25	0.5		
SS15165-A	101DJ-01	03/18/2004	SOIL GRID	0	0.25		
SS15182-A	101NV-03	03/18/2004	SOIL GRID	0.5	1		
SS15182-A	101NV-02	03/18/2004	SOIL GRID	0.25	0.5		
SS15183-A	101NW-02	03/18/2004	SOIL GRID	0.25	0.5		
SS15183-A	101NW-01	03/18/2004	SOIL GRID	0	0.25		
SS15183-A	101NW-03	03/18/2004	SOIL GRID	0.5	1		
SS15183-A	101NW-01FD	03/18/2004	SOIL GRID	0	0.25		
SS15184-A	101NX-03	03/18/2004	SOIL GRID	0.5	1		
SS15184-A	101NX-02FD	03/18/2004	SOIL GRID	0.25	0.5		
SS15184-A	101NX-01	03/18/2004	SOIL GRID	0	0.25		
SS15184-A	101NX-02	03/18/2004	SOIL GRID	0.25	0.5		
SS15185-A	101NY-03FD	03/18/2004	SOIL GRID	0.5	1		
SS15185-A	101NY-03	03/18/2004	SOIL GRID	0.5	1		
SS15185-A	101NY-02	03/18/2004	SOIL GRID	0.25	0.5		
SS15185-A	101NY-01	03/18/2004	SOIL GRID	0	0.25		
SS15186-A	101NZ-02	03/18/2004	SOIL GRID	0.25	0.5		
SS15186-A	101NZ-03	03/18/2004	SOIL GRID	0.5	1		
SS15186-A	101NZ-01	03/18/2004	SOIL GRID	0	0.25		
SS15188-A	101ONA-01	03/15/2004	SOIL GRID	0	0.25		
SS15188-A	101ONA-02	03/15/2004	SOIL GRID	0.25	0.5		
SS15188-A	101ONA-03	03/15/2004	SOIL GRID	0.5	1		
SS15188-A	101ONA-03FD	03/15/2004	SOIL GRID	0.5	1		
SS15189-A	101OSB-01	03/15/2004	SOIL GRID	0	0.25		
SS15189-A	101OSB-02	03/15/2004	SOIL GRID	0.25	0.5		
SS15189-A	101OSB-03	03/15/2004	SOIL GRID	0.5	1		
SS15191-A	101OUA-03	03/16/2004	SOIL GRID	0.5	1		
SS15191-A	101OUA-02	03/16/2004	SOIL GRID	0.25	0.5		
SS15191-A	101OUA-01	03/16/2004	SOIL GRID	0	0.25		
SS15194-A	101OZA-01	03/15/2004	SOIL GRID	0	0.25		
SS15194-A	101OZA-02	03/15/2004	SOIL GRID	0.25	0.5		
SS15194-A	101OZA-03	03/15/2004	SOIL GRID	0.5	1		
LY125AA1A	125AA	03/16/2004	SOIL MOISTURE				
LY125AA1A	125AA	03/17/2004	SOIL MOISTURE				

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SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
LY125AA2A	125AA	03/16/2004	SOIL MOISTURE				
LY125AA3A	125AA	03/17/2004	SOIL MOISTURE				
LY125AA3A	125AA	03/16/2004	SOIL MOISTURE				
LY125AB1A	125AB	03/16/2004	SOIL MOISTURE				
LY125AB2A	125AB	03/16/2004	SOIL MOISTURE				
LY125AB2A	125AB	03/17/2004	SOIL MOISTURE				

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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 02/20/04 - 03/20/04

SAMPLE_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
58MW0009C-A	58MW0009C	03/05/2004	GROUNDWATER	168.21	173.21	41	47	E314.0	PERCHLORATE	
58MW0009E-A	58MW0009E	03/05/2004	GROUNDWATER	133.4	138.4	6.5	11.5	E314.0	PERCHLORATE	
58MW0009E-D	58MW0009E	03/05/2004	GROUNDWATER	133.4	138.4	6.5	11.5	E314.0	PERCHLORATE	
58MW0011D-A	58MW0011D	03/04/2004	GROUNDWATER	175.4	180.4	49.5	54.5	E314.0	PERCHLORATE	
58MW0016B-A	58MW0016B	03/05/2004	GROUNDWATER	151.09	160.74	28.5	38.5	E314.0	PERCHLORATE	
58MW0018A-A	58MW0018A	03/04/2004	GROUNDWATER	202.7	211.7	60.85	69.85	E314.0	PERCHLORATE	
W02-04M1A	02-04	03/15/2004	GROUNDWATER	123	133	73.97	83.97	E314.0	PERCHLORATE	
W309M1A	MW-309	03/08/2004	GROUNDWATER	65	75	31.91	41.91	E314.0	PERCHLORATE	
W309SSA	MW-309	03/08/2004	GROUNDWATER	32	42	0	10	E314.0	PERCHLORATE	
W80M1A	MW-80	03/11/2004	GROUNDWATER	130	140	86	96	E314.0	PERCHLORATE	
W80M2A	MW-80	03/11/2004	GROUNDWATER	100	110	56	66	E314.0	PERCHLORATE	
G316DAA	MW-316	03/10/2004	PROFILE	190	190	3.5	3.5	8330N	2,6-DINITROTOLUENE	NO*
G316DCD	MW-316	03/10/2004	PROFILE	210	210	23.5	23.5	8330N	NITROGLYCERIN	NO
G316DDA	MW-316	03/11/2004	PROFILE	220	220	33.5	33.5	8330N	PICRIC ACID	NO
G316DDA	MW-316	03/11/2004	PROFILE	220	220	33.5	33.5	8330N	2,6-DINITROTOLUENE	NO*
G316DDA	MW-316	03/11/2004	PROFILE	220	220	33.5	33.5	8330N	NITROGLYCERIN	NO
G316DIA	MW-316	03/11/2004	PROFILE	270	270	83.5	83.5	8330N	NITROGLYCERIN	NO
G316DIA	MW-316	03/11/2004	PROFILE	270	270	83.5	83.5	8330N	2,6-DINITROTOLUENE	NO
G316DIA	MW-316	03/11/2004	PROFILE	270	270	83.5	83.5	8330N	2,4,6-TRINITROTOLUENE	NO*
G316DIA	MW-316	03/11/2004	PROFILE	270	270	83.5	83.5	8330N	PICRIC ACID	NO
G316DKA	MW-316	03/12/2004	PROFILE	290	290	103.5	103.5	8330N	2,4,6-TRINITROTOLUENE	YES*
G316DKA	MW-316	03/12/2004	PROFILE	290	290	103.5	103.5	8330N	NITROGLYCERIN	NO*
G316DKA	MW-316	03/12/2004	PROFILE	290	290	103.5	103.5	8330N	3-NITROTOLUENE	NO*
G316DKA	MW-316	03/12/2004	PROFILE	290	290	103.5	103.5	8330N	4-AMINO-2,6-DINITROTOLUENE	NO*
G316DKA	MW-316	03/12/2004	PROFILE	290	290	103.5	103.5	8330N	PICRIC ACID	NO*
G316DKA	MW-316	03/12/2004	PROFILE	290	290	103.5	103.5	8330N	2,4-DINITROTOLUENE	NO*
G316DKA	MW-316	03/12/2004	PROFILE	290	290	103.5	103.5	8330N	2,6-DINITROTOLUENE	NO*
G316DKA	MW-316	03/12/2004	PROFILE	290	290	103.5	103.5	8330N	2-AMINO-4,6-DINITROTOLUENE	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 02/20/04 - 03/20/04

SAMPLE_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
G316DKA	MW-316	03/12/2004	PROFILE	290	290	103.5	103.5	8330N	4-NITROTOLUENE	NO*
G316DKD	MW-316	03/12/2004	PROFILE	290	290	103.5	103.5	8330N	3-NITROTOLUENE	NO*
G316DKD	MW-316	03/12/2004	PROFILE	290	290	103.5	103.5	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G316DKD	MW-316	03/12/2004	PROFILE	290	290	103.5	103.5	8330N	2,4,6-TRINITROTOLUENE	YES*
G316DKD	MW-316	03/12/2004	PROFILE	290	290	103.5	103.5	8330N	2,6-DINITROTOLUENE	NO*
G316DKD	MW-316	03/12/2004	PROFILE	290	290	103.5	103.5	8330N	NITROGLYCERIN	NO*
G316DKD	MW-316	03/12/2004	PROFILE	290	290	103.5	103.5	8330N	4-NITROTOLUENE	NO*
G316DKD	MW-316	03/12/2004	PROFILE	290	290	103.5	103.5	8330N	2,4-DINITROTOLUENE	NO*
G316DKD	MW-316	03/12/2004	PROFILE	290	290	103.5	103.5	8330N	PICRIC ACID	NO*
G316DKD	MW-316	03/12/2004	PROFILE	290	290	103.5	103.5	8330N	4-AMINO-2,6-DINITROTOLUENE	NO*
G320DAA	MW-320	03/09/2004	PROFILE	115	115	0	0	E314.0	PERCHLORATE	
G320DBA	MW-320	03/09/2004	PROFILE	125	125	8.85	8.85	E314.0	PERCHLORATE	
G320DBD	MW-320	03/09/2004	PROFILE	125	125	8.85	8.85	8330N	NITROGLYCERIN	NO
G320DBD	MW-320	03/09/2004	PROFILE	125	125	8.85	8.85	E314.0	PERCHLORATE	
G320DCA	MW-320	03/10/2004	PROFILE	135	135	18.85	18.85	8330N	NITROGLYCERIN	NO
G320DCA	MW-320	03/10/2004	PROFILE	135	135	18.85	18.85	E314.0	PERCHLORATE	
G320DDA	MW-320	03/10/2004	PROFILE	145	145	28.85	28.85	E314.0	PERCHLORATE	
G320DHA	MW-320	03/11/2004	PROFILE	185	185	68.85	68.85	8330N	1,3,5-TRINITROBENZENE	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