WEEKLY PROGRESS UPDATE
FOR FEBRUARY 9 – FEBRUARY 13, 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 February 9 through February 13, 2004.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of February 13, 2004 is summarized in Table 1.

Table 1. Drilling progress as of February 13, 2004

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-302	J-2 Range (J2P-32)	339	236	195-205; 235-245
MW-305	J-2 Range (J2P-33)	338	235	
MW-306	J-1 Range (J1P-22)	304	180	
MW-307	J-2 Range (J2P-28)	331	224	
MW-308	Western Boundary (CBP-3)	350	152	
MW-309	Northwest Corner (NWP-9)	156	122	
MW-310	J-2 Range (J2P-22)	322	237	
MW-311	Demo Area 2 (D2P-5)	250	52	
MW-313	J-2 Range (J2P-34)	200	122	

bgs = below ground surface
bwt = below water table

Completed well installation at MW-302 (J2P-32); commenced well installation at MW-305 (J2P-33) and MW-309 (NWP-9); completed drilling at MW-310 (J2P-22) and MW-311 (D2P-5); continued drilling at MW-308 (CBP-3); and commenced drilling at MW-313 (J2P-34).

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-308, MW-309, MW-310, MW-311, and MW-313. Groundwater samples were collected from Bourne water supply and monitoring wells, recently installed wells, proposed water supply well WS-4, and as part of the January Quarterly and December rounds of the Draft 2003 Long-Term Groundwater Monitoring Program. Soil samples were collected from soil grids at Demo Area 1 and the J-2 Range.

The following are the notes from the February 12, 2004 Technical Team meeting of the Impact Area Groundwater Study Program office at Camp Edwards:

Participants

Hap Gonser (IAGWSPO)	Ben Gregson (IAGWSPO)	Bill Gallagher (IAGWSPO)
Paul Nixon (IAGWSPO)	Karen Wilson (IAGWSPO)	Todd Borci (EPA)
Meghan Cassidy (EPA)	Jane Dolan (EPA)	Desiree Moyer (EPA)
Bob Lim (EPA)	Len Pinaud (MADEP)	Mark Panni (MADEP)
Dave Williams (MDPH)	Gina Kaso (ACE)	Frank Fedele (ACE)
Ed Wise (ACE)	Katarzyna Chelkowska (ACE)	Dave Margolis (ACE)
Darrin Smith (ACE)	Michelle Clemens (ACE)	Scott Michalak (ACE)
Travis McCoun (AEC)	Scott Belfit (AEC)	Kevin Hood (UConn)
Mike Robinson (AMEC)	Dick Skryness (ECC)	

Punchlist Items

#1 Provide update on requested access letter to Regional Technical School (IAGWSP). Bill Gallagher (IAGWSPO) has not received the requested written response from Barry Motta (UPRTS) to date.

#2 Provide update on access agreement to install a monitoring well at Schooner Pass Condominium Association (IAGWSPO). Army Corps Real Estate is working on the access agreement. A letter was sent late last week to the Condo Association attorney to begin the negotiation process.

#3 Provide results of J-1 Range EM-31 survey results (IAGWSPO) at next tech meeting.

Fieldwork Update

Frank Fedele (ACE) provided an update on the IAGWSP fieldwork.

- As part of AMEC's investigation, well installation was completed at IW-273 (IW-D1-3) and MW-301 (NWP-11). Drilling was completed at MW-309 (NWP-9) at 156 ft bgs, MW-311 (D2P-5) at 250 ft bgs, and continues at MW-308 (CBP-3). Well development was completed at MW-298 (NWP-11) and MW-301 (NWP-8ba) and continues for MW-299 (NWP-12).
- Well pad construction was completed at BP-6 and continues at CBP-9, and D2P-6.
- Groundwater sampling at Bourne, LTM and/or new wells continues.
- Preliminary design and construction of the Demo 1 Frank Perkins RD ETR continued.
- The ITE study at the Demo 1 Pew Road location continues.
- As part of ECC's investigation, well installation of MW-303 (J1P-21) and MW-302 (J2P-32) was completed and screen installation at MW-305 (J2P-33) continues. Drilling of MW-307 (J2P-28) and MW-310 (J2P-22) was completed. Drilling at MW-313 (J2P-34) continues and drilling at J1P-27 is scheduled to begin today.
- UXO clearance was completed at J2P-34. Well pad construction was completed at J1P-27 and J2P-34.
- Removal of scrap from J-2 Range Disposal Area 2 continued.
- The EM-31 survey of the J-1 Range Interberm area was completed on 2/4/04.
- J-1 Range soil sampling continued with 24 of 28 locations completed, 4 locations requiring VOC analysis remain.
- J-1 Range soil sampling continued with 19 of 38 locations completed.
- Jane Dolan (EPA) inquired as to the schedule for developing and sampling a well once drilling has been completed. Dave Margolis indicated that for AMEC wells, the schedule is to select screen intervals 2-3 days after drilling, then allow 2 to 3 days for well installation, 1 week for development and 2 weeks for sampling. Lag time is longer for ECC wells because of the use of the cable tool rig for the well installations because drilling is being expedited over well screen installation. Darren Smith (ACE) indicated that AMEC uses the Barber rig

for the well installation. Todd Borci (EPA) stated that the objective of incorporating the cable tool rig was to decrease the time between completion of the drilling and receiving the well data. EPA requested an update on the time lag between sampling and completion of drilling at the next tech meeting.

- Jane Dolan (EPA) requested that the results from the ongoing J-1 and J-2 Range soil sampling be presented to the agencies when the data is validated and not in the next submittal.

Demo Area 1 Update

Frank Fedele (ACE) provided an update on the Demo 1 fieldwork, distributing a figure detail the progress of the soil excavation as of 2/11.

- Soil excavation has been conducted to a depth of 1 ft bgs at several grids as indicated on the handout. It is estimated that approximately 50% of the area to be excavated to a depth of 1 ft bgs has been completed resulting in approximately 3,000 CY of soil. The soil will be screened for UXO in the screening area at Demo Area 1. Based on existing analytical data, soils to be included in the pop test have been segregated from the remaining material.
- The screening equipment has set up and is undergoing final mechanical checks. Screening of contaminated soil could begin as early as tomorrow.
- Treatment unit has been set up at the H Range and continues to undergo functional testing. The main components left to be tested are the burners. Temporary propane tanks are being brought to the site either today or tomorrow to make sure the burners are working properly. Also, work continues today on the fire suppression system at the permanent propane tanks. Inspection by the fire chief is scheduled for tomorrow. Also, work continues on finalizing feed prep areas, soil stockpile areas, etc. Based on current schedule, soil treatment is slated to begin on 2/20.

CDC Update

- The CDC crew had previously demobilized from the site due to the cold weather which caused operation problems with the filters. The tent had been installed over the unit in an attempt to remedy the situation, but this was deemed insufficient to solve the problem and the tent will be removed today. Next week, a temporary building will be set up in an attempt to keep the unit warm enough to prevent the freezing problems. If this works, it is anticipated that the CDC crew will return on 2/24.

ROA Status and Drilling Schedule

Darrin Smith (ACE) reviewed the ROA status and drilling schedule, distributing an ROA status table and drilling schedule.

- AMEC Barber rigs are located at D2P-5 and CBP-3. The Sonic rig is at NWP-9.
- ECC Barber rigs are located at J2P-22 and J2P-34. The Cable-Tool rig is setting up on J2P-32 to complete well installation.
- Jane Dolan (EPA) asked about sequencing of J-1 Range wells. Dave Margolis (ACE) indicated that the anticipated sequence was to go to J1P-24 and then install J1P-23 because based on the data from MW-306 (J1P-22), the location of J1P-23 may need to be reconsidered. Ms. Dolan indicated that she needs written notification if the location is to be changed.
- Jane Dolan (EPA) inquired about area included in the ROA for the J-2 Range RRA. Dave Margolis (ACE) indicated that a conservative approach was used in determining the area to include in the ROA. The area will be sufficient to allow for the expanded excavations as well as additional area for equipment use and storage.
- Todd Borci (EPA) indicated that consideration should be given to the that given that there are many wells to be installed at the SE Ranges.

J-2 Range Groundwater Investigation

Dave Margolis (ACE) led a discussion on the plan to delineate the J-2 Range perchlorate plume. Three figures were distributed to the agencies showing various plume depictions based on the fate and transport model simulations.

- Jane Dolan (EPA) asked why work wasn't proceeding on upgradient well locations. Mr. Margolis indicated that the strategy was to define the downgradient extent of the plume and then install wells to fill in upgradient data gaps. Ms. Dolan requested that the IAGWSP prepare a proposal to select well locations for delineation of the upgradient portion of the plume.

Northwest Corner Update

Bill Gallagher (IAGWSPO) provided an update on the Northwest Corner investigation.

- Drilling completed at MW-309 (NWP-9), TD of 251 ft bgs. Screen setting call will be later today or tomorrow am. Upon completion of the installation at MW-309 (NWP-9) the rig will move to NWP-14. Cable tool rig will be used where possible
- IAGWSP has implemented monthly sampling of the three wells on Canal View Road (MW-277, MW-278 and MW-279), which are located in the core of the perchlorate plume. In response to EPA's request, the monthly sampling will be conducted at all well screens at these well clusters for a period of 6 months, at which time the need for continued monthly monitoring of the deeper screens will be evaluated.
- IAGWSP has agreed to collect one groundwater sample each from wells HW-2 and HW-3 located at the Gallo property. Analytical results will be evaluated in concert with the results from HW-1.
- Recent sampling results at RSNW03 indicated the presence of perchlorate at a concentration of 1.76 ug/L (1.67 ug/l in the duplicate sample). This concentration is consistent with historical results at this location.
- The property owner of RSNW02 was sent a certified letter requesting permission to sample this residential well monthly. Certification card received indicating letter received by property owner. No response to date.
- Quarterly sampling of well 4036011 at the Schooner Pass Condominiums has been scheduled for 2/18.
- Desiree Moyer (EPA) indicated that the CD of the raw data for the recent MW-270S explosives analysis and validation report had been received. Todd Borci (EPA) indicated that the data package included unnecessary information and requested that future data packages be more in line with previous requests.
- AMEC is working on developing a subregional model for the Northwest Corner. The subregional model is derived from the most recent version of the regional model which incorporates recent slug test, synoptic water level survey, and bedrock surface data. It is anticipated that the subregional model would be complete by the end of the week. Desiree Moyer requested that upon completion of the model, she would like to see reverse particle tracks from NWP-8ba, NWP-11 and NWP-12. Ms. Moyer also indicated that she would like wells proposed for areas upgradient of NWP-8ba, and MW-277, MW-278 and MW-279.
- Gina Kaso (ACE) indicated, as mentioned previously, the Army Corps Real Estate group had issued a request late last week for an ROE to the Schooner Pass property to install a monitoring well and will start the negotiation process with the Condominium Association attorney.
- Draft Northwest Corner Data Summary Reports were sent out to select individuals last Thursday (1/22) via Fedex. The balance of the copies to IART team members were mailed on Monday, 1/26. An electronic version of the report will be made available on disc, but will be to large to email. Three additional report copies will be distributed as requested by Desiree Moyer.

- Len Pinaud (MADEP) asked whether there have been any problems with gaining access to the Schooner Pass well to conduct quarterly sampling. Bill Gallagher (IAGWSPO) indicated that there have been no problems gaining access for quarterly sampling.

Miscellaneous

- Len Pinaud (MADEP) indicated that AFCEE is currently installing drive points to collect groundwater samples at several locations within the FS-12 plume area including near the source area, at an older well with sampling problems, and at a plumelet east of Snake Pond. Mr. Pinaud suggested that it seemed to be worth it for the IAGWSP to collect split samples for at these locations.
- Todd Borci (EPA) noted the following recent groundwater detects included in the table distributed at the last IART meeting: 1) Unvalidated thallium detects at 95-6ES, MW-71M1, MW-38M2, MW-38M3, MW-46M2 and MW-90S; 2) SVOCs at MW-56 and MW-84, and 3) SVOC/VOCs at MW-264. Mr. Borci requested that these recent detects be evaluated for potential. Mr. Borci thought we were using a new analytical method designed to minimize thallium false positives. Mr. Borci suggested that a chemist review the data from MW-264 to determine if the observed distribution are consistent with weathered fuel or burn residue material. If weathered fuel, the information should be passed on to AFCEE.
- Ben Gregson (IAGWSPO) stated that the current protocol for tech meeting notes was for the notes to be reviewed internally and distributed to the agencies by COB Monday following a tech meeting with agency comments due by COB Thursday. Mr. Gregson also requested that in light of the new bi-weekly tech meeting schedule, the agencies consider either eliminating the weekly reports or preparing reports on a bi-weekly basis. All of the information in the weekly reports is included in the monthly reports. The monthly reports are distributed on the 10th of each month. EPA indicated that this would need to be discussed with the IART.

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:

Northwest Corner

- Profile samples from MW-309 (NWP-9) had detections of perchlorate. Perchlorate was detected in five intervals between 7 and 47 feet below the water table. Well screens will be set at the depth (-2 to 8 ft bwt) of the water table and at the depth (32 to 42 ft bwt) corresponding to the highest perchlorate detection.

Demo Area 2

- Profile samples from MW-311 (D2P-5) had detections of RDX and Nitroglycerin. RDX was confirmed by PDA spectra in two intervals at 2 and 12 feet below the water table. Nitroglycerin was not confirmed by PDA spectra. Well screens will be set at the depth (2-12 ft bwt) corresponding to the RDX detections and the depth (24 to 34 ft bwt) corresponding the depth the forward particle track from the midpoint of well MW-259 intersects the MW-311 borehole.

Southeast Ranges

- Profile samples from MW-307 (J2P-28) had detections of perchlorate, VOCs, and explosives. Perchlorate was detected in six intervals between 3 and 193 feet below the water table. Of the explosive compounds, RDX was detected and confirmed by PDA spectra in two intervals at 23 and 83 feet below the water table, but with interference at the shallower interval. 2-Nitrotoluene was detected and confirmed by PDA spectra in two intervals at 193 and 203 feet below the water table. Well screens will be set at the depth (18 to 28 ft bwt) corresponding to the shallowest RDX detection, at the depth (123 to 133 ft bwt) corresponding to the midpoint of the perchlorate detections, and at the depth (188 to 198 ft bwt) corresponding to the deepest perchlorate detection.

3. DELIVERABLES SUBMITTED

Weekly Progress Update for February 2, 2004 – February 6, 2004	02/13/2004
Final Central Impact Area Soil Ecological Risk Assessment Workplan	02/13/2004

4. SCHEDULED ACTIONS

Scheduled actions for the week of February 16 include complete well installation at MW-305 (J2P-33) and MW-309 (NWP-9); commence well installation at MW-306 (J1P-22); complete drilling at MW-313 (J2P-34); and commence drilling at MW-312 (D2P-6), MW-314 (NWP-14), and MW-315 (J1P-27). 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.

5. SUMMARY OF ACTIVITES FOR DEMO AREA 1

The conceptual design for the proposed containerized groundwater treatment system at Frank Perkins Road was verbally approved by DEP and EPA on 02/05/2004.

Installation and 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 is nearly compete but has been temporarily delayed due to weather conditions. Installation of subsurface piping and electrical supply for the Pew Road Extraction, Treatment and Recharge System will commence in March 2004.

Excavation of contaminated soil within the Demo 1 depression continues. Site preparation activities for the Thermal Treatment of excavated soils is nearly complete at the H Range just south of Demo Area 1. Functional testing of the Thermal Treatment Unit components is ongoing and preliminary soil treatment activities will start at the end of February 2004.

TABLE 2
SAMPLING PROGRESS
02/08/2004 - 02/14/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
4036000-01G-A	4036000-01G	02/10/2004	GROUNDWATER	38	69.8	6	12
4036000-03G-A	4036000-03G	02/10/2004	GROUNDWATER	50	60	6	12
4036000-04G-A	4036000-04G	02/10/2004	GROUNDWATER	54.6	64.6	6	12
4036000-06G-A	4036000-06G	02/10/2004	GROUNDWATER	108	128	6	12
4261000-02G-A	4261000-02G	02/10/2004	GROUNDWATER	53	63		
4261000-03G-A	4261000-03G	02/10/2004	GROUNDWATER	50	60		
4261000-04G-A	4261000-04G	02/10/2004	GROUNDWATER	101	116		
4261000-05G-A	4261000-05G	02/10/2004	GROUNDWATER	58	68		
4261000-06G-A	4261000-06G	02/10/2004	GROUNDWATER	85	105		
4261000-09G-A	4261000-09G	02/10/2004	GROUNDWATER	62	77		
4261000-10G-A	4261000-10G	02/10/2004	GROUNDWATER	115	135		
4261000-10G-D	4261000-10G	02/10/2004	GROUNDWATER	115	135		
4261000-11G-A	4261000-11G	02/10/2004	GROUNDWATER	98	118		
TW1-88A-A	1-88	02/11/2004	GROUNDWATER	102.9	102.9	67.4	67.4
TW1-88B-A	1-88	02/11/2004	GROUNDWATER	105.5	105.5	69.6	69.6
W02-12M1A	02-12	02/11/2004	GROUNDWATER	109	119	58.35	68.35
W02-12M2A	02-12	02/11/2004	GROUNDWATER	94	104	43.21	53.21
W02-12M3A	02-12	02/11/2004	GROUNDWATER	79	89	28.22	38.22
W02-13M1A	02-13	02/11/2004	GROUNDWATER	98	108	58.33	68.33
W02-13M2A	02-13	02/11/2004	GROUNDWATER	83	93	44.2	54.2
W02-13M3A	02-13	02/11/2004	GROUNDWATER	68	78	28.3	38.3
W02-13M3D	02-13	02/11/2004	GROUNDWATER	68	78	28.3	38.3
W114M1A	MW-114	02/09/2004	GROUNDWATER	177	187	96	106
W114M2A	MW-114	02/09/2004	GROUNDWATER	120	130	39	49
W123M2A	MW-123	02/10/2004	GROUNDWATER	236	246	98	108
W125M1A	MW-125	02/10/2004	GROUNDWATER	232	242	182	192
W125SSA	MW-125	02/10/2004	GROUNDWATER	50	60	0	10
W128M2A	MW-128	02/11/2004	GROUNDWATER	104	114	17	27
W128SSA	MW-128	02/11/2004	GROUNDWATER	87	97	0	10
W129M1A	MW-129	02/10/2004	GROUNDWATER	136	146	66	76
W129M2A	MW-129	02/10/2004	GROUNDWATER	116	126	46	56
W129M3A	MW-129	02/10/2004	GROUNDWATER	96	106	26	36
W138M2A	MW-138	02/09/2004	GROUNDWATER	151	161	30	40
W138M3A	MW-138	02/10/2004	GROUNDWATER	135	145	14	24
W157M1A	MW-157	02/10/2004	GROUNDWATER	154	164	144	154

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
02/08/2004 - 02/14/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W157M2A	MW-157	02/10/2004	GROUNDWATER	110	120	100	110
W172M1A	MW-172	02/10/2004	GROUNDWATER	199	209	134	144
W172M2A	MW-172	02/10/2004	GROUNDWATER	169	179	104	114
W172M2D	MW-172	02/10/2004	GROUNDWATER	169	179	104	114
W172M3A	MW-172	02/10/2004	GROUNDWATER	109	119	44	54
W173M2A	MW-173	02/10/2004	GROUNDWATER	208	218	72.2	82.2
W181SSA	MW-181	02/11/2004	GROUNDWATER	32.25	42.25	0	10
W183M1A	MW-183	02/10/2004	GROUNDWATER	286	296	103.9	113.9
W183M2A	MW-183	02/10/2004	GROUNDWATER	270	280	87.9	97.9
W184M1A	MW-184	02/09/2004	GROUNDWATER	186	196	58.2	68.2
W184M2A	MW-184	02/09/2004	GROUNDWATER	126	136	0	10
W193M1A	MW-193	02/09/2004	GROUNDWATER	57	62	23.8	28.8
W193SSA	MW-193	02/09/2004	GROUNDWATER	31	36	0	5
W196M1A	MW-196	02/09/2004	GROUNDWATER	45	50	12	17
W196M1D	MW-196	02/09/2004	GROUNDWATER	45	50	12	17
W196SSA	MW-196	02/10/2004	GROUNDWATER	32	37	0	5
W207M1A	MW-207	02/12/2004	GROUNDWATER	254	264	100.52	110.52
W207M2A	MW-207	02/12/2004	GROUNDWATER	224	234	79.33	89.33
W208M1A	MW-208	02/13/2004	GROUNDWATER	195	205	56.18	66.18
W208M2A	MW-208	02/13/2004	GROUNDWATER	158	168	18.41	28.41
W216SSA	MW-216	02/13/2004	GROUNDWATER	199	209	0	7.13
W23DDA	MW-23	02/12/2004	GROUNDWATER	272	282	149	159
W23M1A	MW-23	02/12/2004	GROUNDWATER	225	235	103	113
W298M1A	MW-298	02/12/2004	GROUNDWATER	191	201	105.11	115.11
W298M2A	MW-298	02/12/2004	GROUNDWATER	174	184	87.58	97.58
W298SSA	MW-298	02/11/2004	GROUNDWATER	83	93	0	10
W30SSA	MW-30	02/11/2004	GROUNDWATER	26	36	0	10
W30SSD	MW-30	02/11/2004	GROUNDWATER	26	36	0	10
W40M1A	MW-40	02/09/2004	GROUNDWATER	132.5	142.5	13	23
W40SSA	MW-40	02/09/2004	GROUNDWATER	115.5	125.5	0	10
W42M1A	MW-42	02/11/2004	GROUNDWATER	205	215	137	147
W42M2A	MW-42	02/11/2004	GROUNDWATER	185.8	195.8	118	128
W42M3A	MW-42	02/11/2004	GROUNDWATER	165.8	175.8	98	108
W57M2A	MW-57	02/09/2004	GROUNDWATER	148	158	62	72
W57SSA	MW-57	02/09/2004	GROUNDWATER	85	95	0	10

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BWTS = Depth below water table, start depth, measured in feet
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TABLE 2
SAMPLING PROGRESS
02/08/2004 - 02/14/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W77M1A	MW-77	02/12/2004	GROUNDWATER	180	190	98	108
W77M2A	MW-77	02/12/2004	GROUNDWATER	120	130	38	48
W77SSA	MW-77	02/12/2004	GROUNDWATER	83	93	1	11
W80DDA	MW-80	02/12/2004	GROUNDWATER	158	168	114	124
W80M1A	MW-80	02/12/2004	GROUNDWATER	130	140	86	96
W80M2A	MW-80	02/12/2004	GROUNDWATER	100	110	56	66
W80M3A	MW-80	02/12/2004	GROUNDWATER	70	80	26	36
W80M3D	MW-80	02/12/2004	GROUNDWATER	70	80	26	36
W80SSA	MW-80	02/12/2004	GROUNDWATER	43	53	0	10
W81M2A	MW-81	02/13/2004	GROUNDWATER	83	93	55	65
W81M3A	MW-81	02/13/2004	GROUNDWATER	53	58	25	30
W81SSA	MW-81	02/13/2004	GROUNDWATER	25	35	0	10
W82DDA	MW-82	02/13/2004	GROUNDWATER	125	135	97	107
W82M1A	MW-82	02/13/2004	GROUNDWATER	104	114	76	86
W82M3A	MW-82	02/13/2004	GROUNDWATER	54	64	26	36
W93M1A	MW-93	02/09/2004	GROUNDWATER	185	195	56	66
W93M2A	MW-93	02/10/2004	GROUNDWATER	145	155	16	26
WS-4-A	WS-4	02/12/2004	GROUNDWATER	200	220	140	160
WS-4-D	WS-4	02/12/2004	GROUNDWATER	200	220	140	160
G308DDA	MW-308	02/09/2004	PROFILE	230	230	32.3	32.3
G308DEA	MW-308	02/09/2004	PROFILE	240	240	42.3	42.3
G308DFA	MW-308	02/10/2004	PROFILE	250	250	52.3	52.3
G308DGA	MW-308	02/10/2004	PROFILE	260	260	62.3	62.3
G308DHA	MW-308	02/10/2004	PROFILE	270	270	72.3	72.3
G308DIA	MW-308	02/11/2004	PROFILE	280	280	82.3	82.3
G308DID	MW-308	02/11/2004	PROFILE	280	280	82.3	82.3
G308DJA	MW-308	02/11/2004	PROFILE	290	290	92.3	92.3
G308DKA	MW-308	02/11/2004	PROFILE	300	300	102.3	102.3
G308DLA	MW-308	02/11/2004	PROFILE	310	310	112.3	112.3
G308DMA	MW-308	02/12/2004	PROFILE	320	320	122.3	122.3
G308DMD	MW-308	02/12/2004	PROFILE	320	320	122.3	122.3
G308DNA	MW-308	02/12/2004	PROFILE	330	330	132.3	132.3
G308DOA	MW-308	02/13/2004	PROFILE	340	340	142.3	142.3
G308DPA	MW-308	02/13/2004	PROFILE	350	350	152.3	152.3
G309DGA	MW-309	02/09/2004	PROFILE	100	100	67.3	67.3

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
02/08/2004 - 02/14/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
G309DHA	MW-308	02/09/2004	PROFILE	110	110	77.3	77.3
G309DHA	MW-309	02/09/2004	PROFILE	110	110	77.3	77.3
G309DIA	MW-308	02/09/2004	PROFILE	120	120	87.3	87.3
G309DIA	MW-309	02/09/2004	PROFILE	120	120	87.3	87.3
G309DJA	MW-309	02/09/2004	PROFILE	130	130	97.3	97.3
G309DJD	MW-309	02/09/2004	PROFILE	130	130	97.3	97.3
G309DKA	MW-309	02/09/2004	PROFILE	140	140	107.3	107.3
G309DLA	MW-309	02/10/2004	PROFILE	150	150	117.3	117.3
G311DAA	MW-311	02/10/2004	PROFILE	200	200	2.1	2.1
G311DAD	MW-311	02/10/2004	PROFILE	200	200	2.1	2.1
G311DBA	MW-311	02/10/2004	PROFILE	210	210	12.1	12.1
G311DCA	MW-311	02/11/2004	PROFILE	220	220	22.1	22.1
G311DDA	MW-311	02/11/2004	PROFILE	230	230	32.1	32.1
G311DEA	MW-311	02/11/2004	PROFILE	240	240	42.1	42.1
G311DFA	MW-311	02/11/2004	PROFILE	250	250	52.1	52.1
MW-310-22	MW-310	02/10/2004	PROFILE	270	270	185	185
MW-310-23	MW-310	02/10/2004	PROFILE	290	290	195	195
MW-310-24	MW-310	02/10/2004	PROFILE	300	300	205	205
MW-310-25	MW-310	02/11/2004	PROFILE	320	320	215	215
MW-310-26	MW-310	02/10/2004	PROFILE	320	320	225	225
MW-310-26FD	MW-310	02/11/2004	PROFILE	320	320	225	225
MW-313-01	MW-313	02/12/2004	PROFILE	130	130	8	8
MW-313-02	MW-313	02/12/2004	PROFILE	140	140	18	18
MW-313-03	MW-313	02/12/2004	PROFILE	150	150	28	28
MW-313-03FD	MW-313	02/12/2004	PROFILE	150	150	28	28
MW-313-04	MW-313	02/13/2004	PROFILE	160	160	38	38
MW-313-05	MW-313	02/13/2004	PROFILE	170	170	48	48
MW-313-06	MW-313	02/13/2004	PROFILE	180	180	58	58
MW-313-07	MW-313	02/13/2004	PROFILE	190	190	68	68
101DI-01	SS15164-A	02/10/2004	SOIL_GRID	0	0.25		
101DI-02	SS15164-A	02/10/2004	SOIL_GRID	0.25	0.5		
101DI-03	SS15164-A	02/10/2004	SOIL_GRID	0.5	1		
101EN-01	SS15166-A	02/09/2004	SOIL_GRID	0	0.25		
101EN-02	SS15166-A	02/09/2004	SOIL_GRID	0.25	0.5		
101EN-03	SS15166-A	02/09/2004	SOIL_GRID	0.5	1		

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
02/08/2004 - 02/14/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
101EO-01	SS15167-A	02/11/2004	SOIL_GRID	0	0.25		
101EO-01FD	SS15167-A	02/11/2004	SOIL_GRID	0	0.25		
101EO-02	SS15167-A	02/11/2004	SOIL_GRID	0.25	0.5		
101EO-03	SS15167-A	02/11/2004	SOIL_GRID	0.5	1		
101EP-01	SS15168-A	02/10/2004	SOIL_GRID	0	0.25		
101EP-02	SS15168-A	02/10/2004	SOIL_GRID	0.25	0.5		
101EP-03	SS15168-A	02/10/2004	SOIL_GRID	0.5	1		
101EQ-01	SS15169-A	02/10/2004	SOIL_GRID	0	0.25		
101EQ-02	SS15169-A	02/10/2004	SOIL_GRID	0.25	0.5		
101EQ-03	SS15169-A	02/10/2004	SOIL_GRID	0.5	1		
101EQ-03FD	SS15169-A	02/10/2004	SOIL_GRID	0.5	1		
101ER-01	SS15170-A	02/10/2004	SOIL_GRID	0	0.25		
101ER-02	SS15170-A	02/10/2004	SOIL_GRID	0.25	0.5		
101ER-03	SS15170-A	02/10/2004	SOIL_GRID	0.5	1		
101GQ-01	SS15171-A	02/10/2004	SOIL_GRID	0	0.25		
101GQ-02	SS15171-A	02/10/2004	SOIL_GRID	0.25	0.5		
101GQ-03	SS15171-A	02/10/2004	SOIL_GRID	0.5	1		
101GR-01	SS15172-A	02/10/2004	SOIL_GRID	0	0.25		
101GR-02	SS15172-A	02/10/2004	SOIL_GRID	0.25	0.5		
101GR-02FD	SS15172-A	02/10/2004	SOIL_GRID	0.25	0.5		
101GR-03	SS15172-A	02/10/2004	SOIL_GRID	0.5	1		
101LH-01	SS15173-A	02/11/2004	SOIL_GRID	0	0.25		
101LH-01FD	SS15173-A	02/11/2004	SOIL_GRID	0	0.25		
101LH-02	SS15173-A	02/11/2004	SOIL_GRID	0.25	0.5		
101LH-03	SS15173-A	02/11/2004	SOIL_GRID	0.5	1		
101LI-01	SS15174-A	02/11/2004	SOIL_GRID	0	0.25		
101LI-02	SS15174-A	02/11/2004	SOIL_GRID	0.25	0.5		
101LI-03	SS15174-A	02/11/2004	SOIL_GRID	0.5	1		
101LJ-01	SS15175-A	02/11/2004	SOIL_GRID	0	0.25		
101LJ-02	SS15175-A	02/11/2004	SOIL_GRID	0.25	0.5		
101LJ-02FD	SS15175-A	02/11/2004	SOIL_GRID	0.25	0.5		
101LJ-03	SS15175-A	02/11/2004	SOIL_GRID	0.5	1		
101LK-01	SS15176-A	02/11/2004	SOIL_GRID	0	0.25		
101LK-02	SS15176-A	02/11/2004	SOIL_GRID	0.25	0.5		
101LK-03	SS15176-A	02/11/2004	SOIL_GRID	0.5	1		

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Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
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TABLE 2
SAMPLING PROGRESS
02/08/2004 - 02/14/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
101LL-01	SS15177-A	02/11/2004	SOIL_GRID	0	0.25		
101LL-02	SS15177-A	02/11/2004	SOIL_GRID	0.25	0.5		
101LL-03	SS15177-A	02/11/2004	SOIL_GRID	0.5	1		
101LM-01	SS15178-A	02/11/2004	SOIL_GRID	0	0.25		
101LM-02	SS15178-A	02/11/2004	SOIL_GRID	0.25	0.5		
101LM-03	SS15178-A	02/11/2004	SOIL_GRID	0.5	1		
101NPA-01	SS15179-A	02/12/2004	SOIL_GRID	0	0.25		
101NPA-02	SS15179-A	02/12/2004	SOIL_GRID	0.25	0.5		
101NPA-03	SS15179-A	02/12/2004	SOIL_GRID	0.5	1		
101NQA-01	SS15180-A	02/12/2004	SOIL_GRID	0	0.25		
101NQA-02	SS15180-A	02/12/2004	SOIL_GRID	0.25	0.5		
101NQA-03	SS15180-A	02/12/2004	SOIL_GRID	0.5	1		
101NU-01	SS15181-A	02/12/2004	SOIL_GRID	0	0.25		
101NU-02	SS15181-A	02/12/2004	SOIL_GRID	0.25	0.5		
101NU-03	SS15181-A	02/12/2004	SOIL_GRID	0.5	1		
101OYI-01	SS15159-A	02/12/2004	SOIL_GRID	0	0.25		
101OYI-02	SS15159-A	02/12/2004	SOIL_GRID	0.25	0.5		
101OYI-03	SS15159-A	02/12/2004	SOIL_GRID	0.5	1		
101PR-01	SS15195-A	02/09/2004	SOIL_GRID	0	0.25		
101PR-02	SS15195-A	02/09/2004	SOIL_GRID	0.25	0.5		
101PR-03	SS15195-A	02/09/2004	SOIL_GRID	0.5	1		
101PR-03FD	SS15195-A	02/09/2004	SOIL_GRID	0.5	1		
101PS-01	SS15196-A	02/09/2004	SOIL_GRID	0	0.25		
101PS-02	SS15196-A	02/09/2004	SOIL_GRID	0.25	0.5		
101PS-03	SS15196-A	02/09/2004	SOIL_GRID	0.5	1		
101PT-01	SS15197-A	02/09/2004	SOIL_GRID	0	0		
101PT-02	SS15197-A	02/09/2004	SOIL_GRID	0.25	0.5		
101PT-03	SS15197-A	02/09/2004	SOIL_GRID	0	0		
A3-NE01	TBD	02/12/2004	SOIL_GRID	0	0.5		
A4-NE01	TBD	02/12/2004	SOIL_GRID	0	0.5		
A4-NW01	TBD	02/12/2004	SOIL_GRID	0	0.5		
B3-NE01	TBD	02/11/2004	SOIL_GRID	0	0.5		
B3-SE01	TBD	02/11/2004	SOIL_GRID	0	0.5		
B4-NE01	TBD	02/11/2004	SOIL_GRID	0	0.5		
B4-NW01	TBD	02/11/2004	SOIL_GRID	0	0.5		

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TABLE 2
SAMPLING PROGRESS
02/08/2004 - 02/14/2004

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
B4-SE01	TBD	02/12/2004	SOIL_GRID	0	0.5		
B4-SW01	TBD	02/11/2004	SOIL_GRID	0	0.5		
B5-SW01	TBD	02/13/2004	SOIL_GRID	0	0.5		
C3-NE01	TBD	02/09/2004	SOIL_GRID	0	0.5		
C3-NE01 FD	TBD	02/09/2004	SOIL_GRID	0	0.5		
C3-SE01	TBD	02/09/2004	SOIL_GRID	0	0.5		
C4-SW01	TBD	02/10/2004	SOIL_GRID	0	0.5		
D4-NE01	TBD	02/09/2004	SOIL_GRID	0	0.5		
D5-NE01	TBD	02/09/2004	SOIL_GRID	0	0.5		
D6-NW01	TBD	02/10/2004	SOIL_GRID	0	0.5		
D7-NE01	TBD	02/09/2004	SOIL_GRID	0	0.5		
D7-NW01	TBD	02/11/2004	SOIL_GRID	0	0.5		
D8-NW01	TBD	02/09/2004	SOIL_GRID	0	0.5		
D8-SW01	TBD	02/13/2004	SOIL_GRID	0	0.5		
D8-SW01 FD	TBD	02/13/2004	SOIL_GRID	0	0.5		
E5-SE01	TBD	02/10/2004	SOIL_GRID	0	0.5		
E5-SW01	TBD	02/10/2004	SOIL_GRID	0	0.5		
E6-SE01	TBD	02/12/2004	SOIL_GRID	0	0.5		
E7-SE01	TBD	02/12/2004	SOIL_GRID	0	0.5		
E7-SW01	TBD	02/12/2004	SOIL_GRID	0	0.5		

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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 01/16/04 - 02/14/04

SAMPLE ID	LOCID OR WELL	SAMPLED	SAMP TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
G309DAA	MW-309	02/04/2004	PROFILE	40	40	7.3	7.3	E314.0	PERCHLORATE	
G309DBA	MW-309	02/04/2004	PROFILE	50	50	17.3	17.3	E314.0	PERCHLORATE	
G309DBD	MW-309	02/04/2004	PROFILE	50	50	17.3	17.3	E314.0	PERCHLORATE	
G309DCA	MW-309	02/05/2004	PROFILE	60	60	27.3	27.3	E314.0	PERCHLORATE	
G309DDA	MW-309	02/06/2004	PROFILE	70	70	37.3	37.3	E314.0	PERCHLORATE	
G309DEA	MW-309	02/06/2004	PROFILE	80	80	47.3	47.3	E314.0	PERCHLORATE	
G311DAD	MW-311	02/10/2004	PROFILE	200	200	2.1	2.1	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
G311DBA	MW-311	02/10/2004	PROFILE	210	210	12.1	12.1	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
G311DDA	MW-311	02/11/2004	PROFILE	230	230	32.1	32.1	8330N	NITROGLYCERIN	NO
MW-307-01	MW-307	01/28/2004	PROFILE	111	111	3	3	8260B	CHLOROETHANE	
MW-307-01	MW-307	01/28/2004	PROFILE	111	111	3	3	8260B	ACETONE	
MW-307-01	MW-307	01/28/2004	PROFILE	111	111	3	3	8260B	2-BUTANONE (MEK)	
MW-307-01	MW-307	01/28/2004	PROFILE	111	111	3	3	8260B	4-METHYL-2-PENTANONE (MIBK)	
MW-307-01	MW-307	01/28/2004	PROFILE	111	111	3	3	8260B	2-HEXANONE	
MW-307-01	MW-307	01/28/2004	PROFILE	111	111	3	3	8260B	CHLOROMETHANE	
MW-307-01	MW-307	01/28/2004	PROFILE	111	111	3	3	8330N	PICRIC ACID	NO
MW-307-01	MW-307	01/28/2004	PROFILE	111	111	3	3	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO
MW-307-01	MW-307	01/28/2004	PROFILE	111	111	3	3	E314.0	PERCHLORATE	
MW-307-02	MW-307	01/28/2004	PROFILE	131	131	23	23	8260B	2-BUTANONE (MEK)	
MW-307-02	MW-307	01/28/2004	PROFILE	131	131	23	23	8260B	2-HEXANONE	
MW-307-02	MW-307	01/28/2004	PROFILE	131	131	23	23	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES+
MW-307-02	MW-307	01/28/2004	PROFILE	131	131	23	23	E314.0	PERCHLORATE	
MW-307-03	MW-307	01/29/2004	PROFILE	141	141	33	33	8260B	CHLOROFORM	
MW-307-03	MW-307	01/29/2004	PROFILE	141	141	33	33	8260B	2-BUTANONE (MEK)	
MW-307-03	MW-307	01/29/2004	PROFILE	141	141	33	33	E314.0	PERCHLORATE	
MW-307-03FD	MW-307	01/29/2004	PROFILE	141	141	33	33	8260B	2-BUTANONE (MEK)	
MW-307-03FD	MW-307	01/29/2004	PROFILE	141	141	33	33	8260B	CHLOROFORM	

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 01/16/04 - 02/14/04

SAMPLE ID	LOCID OR WELL	SAMPLED	SAMP TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
MW-307-03FD	MW-307	01/29/2004	PROFILE	141	141	33	33	E314.0	PERCHLORATE	
MW-307-04	MW-307	01/29/2004	PROFILE	151	151	43	43	8260B	CHLOROFORM	
MW-307-04	MW-307	01/29/2004	PROFILE	151	151	43	43	8260B	2-BUTANONE (MEK)	
MW-307-04	MW-307	01/29/2004	PROFILE	151	151	43	43	8330N	PICRIC ACID	NO
MW-307-05	MW-307	01/30/2004	PROFILE	161	161	53	53	8260B	ACETONE	
MW-307-05	MW-307	01/30/2004	PROFILE	161	161	53	53	8260B	CHLOROFORM	
MW-307-06	MW-307	01/30/2004	PROFILE	171	171	63	63	8260B	2-BUTANONE (MEK)	
MW-307-06	MW-307	01/30/2004	PROFILE	171	171	63	63	8260B	ACETONE	
MW-307-06	MW-307	01/30/2004	PROFILE	171	171	63	63	8260B	CHLOROFORM	
MW-307-06	MW-307	01/30/2004	PROFILE	171	171	63	63	8330N	PICRIC ACID	NO
MW-307-07	MW-307	01/30/2004	PROFILE	181	181	73	73	8260B	ACETONE	
MW-307-07	MW-307	01/30/2004	PROFILE	181	181	73	73	8260B	2-BUTANONE (MEK)	
MW-307-09	MW-307	02/02/2004	PROFILE	191	191	83	83	8260B	CHLOROMETHANE	
MW-307-09	MW-307	02/02/2004	PROFILE	191	191	83	83	8260B	2-HEXANONE	
MW-307-09	MW-307	02/02/2004	PROFILE	191	191	83	83	8260B	CHLOROFORM	
MW-307-09	MW-307	02/02/2004	PROFILE	191	191	83	83	8260B	2-BUTANONE (MEK)	
MW-307-09	MW-307	02/02/2004	PROFILE	191	191	83	83	8260B	CHLOROETHANE	
MW-307-09	MW-307	02/02/2004	PROFILE	191	191	83	83	8260B	ACETONE	
MW-307-09	MW-307	02/02/2004	PROFILE	191	191	83	83	8330N	PICRIC ACID	NO
MW-307-09	MW-307	02/02/2004	PROFILE	191	191	83	83	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
MW-307-10	MW-307	02/02/2004	PROFILE	201	201	93	93	8260B	2-BUTANONE (MEK)	
MW-307-10	MW-307	02/02/2004	PROFILE	201	201	93	93	8260B	CHLOROFORM	
MW-307-11	MW-307	02/03/2004	PROFILE	211	211	103	103	8260B	CHLOROFORM	
MW-307-12	MW-307	02/04/2004	PROFILE	231	231	123	123	8260B	2-BUTANONE (MEK)	
MW-307-12	MW-307	02/04/2004	PROFILE	231	231	123	123	E314.0	PERCHLORATE	
MW-307-13	MW-307	02/04/2004	PROFILE	241	241	133	133	8260B	2-BUTANONE (MEK)	
MW-307-13	MW-307	02/04/2004	PROFILE	241	241	133	133	8260B	CHLOROFORM	

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.
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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
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TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 01/16/04 - 02/14/04

SAMPLE ID	LOCID OR WELL	SAMPLED	SAMP TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
MW-307-13	MW-307	02/04/2004	PROFILE	241	241	133	133	E314.0	PERCHLORATE	
MW-307-13FD	MW-307	02/04/2004	PROFILE	241	241	133	133	8260B	2-BUTANONE (MEK)	
MW-307-13FD	MW-307	02/04/2004	PROFILE	241	241	133	133	8260B	CHLOROFORM	
MW-307-14	MW-307	02/04/2004	PROFILE	251	251	143	143	8260B	2-BUTANONE (MEK)	
MW-307-14	MW-307	02/04/2004	PROFILE	251	251	143	143	8260B	CHLOROFORM	
MW-307-15	MW-307	02/04/2004	PROFILE	261	261	153	153	8260B	2-BUTANONE (MEK)	
MW-307-16	MW-307	02/04/2004	PROFILE	271	271	163	163	8260B	CHLOROMETHANE	
MW-307-16	MW-307	02/04/2004	PROFILE	271	271	163	163	8260B	ACETONE	
MW-307-16	MW-307	02/04/2004	PROFILE	271	271	163	163	8260B	2-BUTANONE (MEK)	
MW-307-16	MW-307	02/04/2004	PROFILE	271	271	163	163	8260B	4-METHYL-2-PENTANONE (MIBK)	
MW-307-16	MW-307	02/04/2004	PROFILE	271	271	163	163	8260B	TOLUENE	
MW-307-16	MW-307	02/04/2004	PROFILE	271	271	163	163	8260B	2-HEXANONE	
MW-307-16	MW-307	02/04/2004	PROFILE	271	271	163	163	8330N	PICRIC ACID	NO
MW-307-17	MW-307	02/05/2004	PROFILE	281	281	173	173	8260B	ACETONE	
MW-307-17	MW-307	02/05/2004	PROFILE	281	281	173	173	8260B	2-BUTANONE (MEK)	
MW-307-18	MW-307	02/05/2004	PROFILE	291	291	183	183	8260B	ACETONE	
MW-307-18	MW-307	02/05/2004	PROFILE	291	291	183	183	8260B	CARBON DISULFIDE	
MW-307-18	MW-307	02/05/2004	PROFILE	291	291	183	183	8260B	2-BUTANONE (MEK)	
MW-307-18	MW-307	02/05/2004	PROFILE	291	291	183	183	8260B	CHLOROFORM	
MW-307-18	MW-307	02/05/2004	PROFILE	291	291	183	183	8260B	CHLOROETHANE	
MW-307-19	MW-307	02/05/2004	PROFILE	301	301	193	193	8260B	ACETONE	
MW-307-19	MW-307	02/05/2004	PROFILE	301	301	193	193	8260B	2-BUTANONE (MEK)	
MW-307-19	MW-307	02/05/2004	PROFILE	301	301	193	193	8330N	2-NITROTOLUENE	YES
MW-307-19	MW-307	02/05/2004	PROFILE	301	301	193	193	E314.0	PERCHLORATE	
MW-307-20	MW-307	02/05/2004	PROFILE	311	311	203	203	8260B	CHLOROFORM	
MW-307-20	MW-307	02/05/2004	PROFILE	311	311	203	203	8260B	2-BUTANONE (MEK)	
MW-307-20	MW-307	02/05/2004	PROFILE	311	311	203	203	8260B	ACETONE	

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 01/16/04 - 02/14/04

SAMPLE ID	LOCID OR WELL	SAMPLED	SAMP TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
MW-307-20	MW-307	02/05/2004	PROFILE	311	311	203	203	8330N	2-NITROTOLUENE	YES
MW-307-21	MW-307	02/05/2004	PROFILE	321	321	213	213	8260B	ACETONE	
MW-307-21	MW-307	02/05/2004	PROFILE	321	321	213	213	8260B	2-BUTANONE (MEK)	
MW-307-21	MW-307	02/05/2004	PROFILE	321	321	213	213	8260B	CHLOROFORM	
MW-307-22	MW-307	02/05/2004	PROFILE	331	331	223	223	8260B	CHLOROFORM	
MW-307-22	MW-307	02/05/2004	PROFILE	331	331	223	223	8260B	ACETONE	
MW-307-22	MW-307	02/05/2004	PROFILE	331	331	223	223	8260B	2-BUTANONE (MEK)	

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SBD = SAMPLE COLLECTION BEGIN DEPTH IN FEET BELOW GROUND SURFACE
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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