WEEKLY PROGRESS UPDATE
FOR OCTOBER 27 – OCTOBER 31, 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 October 27 through October 31, 2003.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of October 31 is summarized in Table 1.

Table 1. Drilling progress as of October 31, 2003

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
EW-275	Demo Area 1 (EW-D1-2)	222	182	
MW-285	Western Boundary (CBP-7)	358	182	179-189
MW-293	J-2 Range (J2P-Wood Rd. #1)	343	237	110-120; 196-206; 296-306
MW-294	J-3 Range (J3P-32)	270	208	

bgs = below ground surface
bwt = below water table

Completed well installation of MW-293 (J2P-Wood Rd. #1) and MW-285 (CBP-7), commenced well installation at EW-275 (EW-D1-2), and completed drilling of MW-294 (J3P-32). 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-293 and MW-294. Groundwater samples were collected from Bourne water supply and monitoring wells, residential wells, and as part of the August round of the Draft 2003 Long-Term Groundwater Monitoring Plan. Soil samples were collected from BIP craters and from grids near the Otis Air Force Base and in the J-3 Range. A pre-detonation and a post-detonation sample were collected in the J-3 Range. Soil samples for white phosphorus analysis were collected in the Southeast Ranges. Investigation-derived waste (IDW) samples were collected from the Granular Activated Carbon (GAC) treatment system.

The following are the notes from the October 30, 2003 Technical Team meeting of the Impact Area Groundwater Study Program office at Camp Edwards:

Participants

Hap Gosner (IAGWSPO)	Ben Gregson (IAGWSPO)	Dave Hill (IAGWSPO)
Pam Richardson (IAGWSPO)	Bill Gallagher (IAGWSPO)	Paul Nixon (IAGWSPO)
COL Dave Cuhna (E&RC)	LTC Bill Fitzpatrick (E&RC)	Desiree Moyer (EPA)
Todd Borci (EPA)	Meghan Cassidy (EPA)	Jane Dolan (EPA)
Jim Murphy (EPA)	Bob Lim (EPA)	Mark Panni (MADEP)
Len Pinaud (MADEP)	Dave Williams (MDPH)	Gina Kaso (ACE)
Frank Fedele (ACE)	Dave Margolis (ACE)	Ed Wise (ACE)
Katarzyna Chelkowska (ACE-phone)	Marc Grant (AMEC-phone)	Kim Harriz (AMEC)
Dick Skryness (ECC-phone)	Leo Yuskus (Haley & Ward)	Mike Goydas (Jacobs)
Kevin Hood (Univ. Conn)		

Punchlist Items

#1 Provide date for sampling J-1 Range private well (ACE). Sandwich Water Department has an account for homeowner, confirming that they do not use a private water well.

#3 Provide update of access letter to Regional Technical School (IAGWSP). Message was left for Barry Motta, no response received.

#4 Provide update on request to meet with Schooner Pass Condominium Association regarding installing a well on their property (IAGWSPO). The Condo Association has not responded to Len Pinaud's (MADEP) or Bill Gallagher's (IAGWSPO) phone calls.

#5 Provide update on request to well 4036011 property owner regarding installing a well on their property. The property owner replied by phone that they are entering in a purchase and sale agreement with the Schooner Pass Condo Association and will be decommissioning the well and upgrading the connection with the BWD. They denied access to their property to install a monitoring well.

Fieldwork Update

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

- As part of AMEC's investigation, well installation was completed at MW-287 (NWP-6) – two screens. Drilling was completed for MW-285 (CBP-7); one well screen to be set. Setting well screens for the Pew Rd extraction well, EW-275. Drilling continues at MW-294 (J3P-32).
- Well development was completed at MW-282 (CBP-6), MW-288 (LP-7) and continues for MW-286 (J1P-19).
- The 2nd round of supplemental BIP sampling was completed.
- UXO clearance continued in the footprint of the Demo 1 Frank Perkins Treatment System.
- GP-16 anomaly excavation begins today.
- Groundwater sampling at Bourne, LTM and/or new wells continues.
- As part of ECC's investigation, drilling of MW-293 (J2P Wood Rd #1) was completed. Installation of well screens for this well will be completed after well installation at MW-291 (LP-11) is completed.
- UXO clearance was completed at J1P-22.
- Recent UXO clearance and road improvements have been completed. Future improvements of Turpentine Road are being considered. Ms. Dolan (EPA) requested more information about when the J-2 Range Road improvements are scheduled, since RRA activities were slated for Spring 2004.
- Soil sampling to commence at L Range next week.

- J-3 Range supplemental soil sampling was completed except for locations at the concrete target walls, the Minute Man test pits and the additional Burn Kettle location. Sampling at the targets and Burn Kettle location are scheduled for today. Sampling at the test pits is being evaluated.
- Anomaly removal and clearance continued at Demo 1. Clearance of grid B-7 was completed this week; grid still needs QA/QC check performed by the Army Corps. Currently working on clearance at grids B5, B6 and D9. The status of anomaly excavation and removal was provided to the agencies in a figure. Meghan Cassidy requested that an 11x17 color copy be provided to the agencies.
- Dave Margolis (ACE) indicated the completion date for the anomaly removal was 11/13, which does not include the two grids within the "bowl" itself.
- Referring to the start date of "in two weeks" Paul Nixon (IAGWSPO) provided at the IART for initiating the Soil RRA Plan, Meghan Cassidy indicated that there were still a lot of outstanding issues on the Soil RRA Plan (including excavation logic) and the Treatment Plan (how to address substantive requirements of the MCP). Ms. Cassidy requested a schedule for implementation of the RRA showing all the elements of the Plan that needed to be completed prior to field mobilization.
- Ms. Cassidy also questioned the source of soil for the treatability study, suggesting that the IAGWSPO have a contingency plan in terms of gathering perchlorate and RDX containing soil with sufficient contaminant concentrations.
- BIPS scheduled for today include one Stokes Mortar at J3P33 and six 60MM Mortars at J-1 Range.

ROA Status and Drilling Schedule

Dave Margolis (ACE) reviewed the ROA status and drilling schedule, distributing a 2-page table and drilling schedule.

- The only change to the ROA status table this week was the submission and approval of the ROA for a Jefferson Rd well, for a swath along Jefferson Rd west of Barlow Rd. A correction to the table was that NWP-8a ROA was approved, not NWP-8b.
- L Range GPR survey ROA was submitted. Mr. Margolis to check on date. The Execution Plan for the survey would be submitted to the agencies by tomorrow, 10/31. Start date was scheduled for 12/09. The target control pit survey was scheduled to commence on 11/10.
- Bill Gallagher (IAGWSPO) explained that the ROAs for the Northwest Corner wells (NWP-8b, NWP-11, NWP-12) were reviewed by Karen Wilson and Dr. Sue Goodfellow who requested some adjustments in the locations based on natural and cultural resource concerns. These locations had been staked and would be reviewed with the agencies in the afternoon.
- The drilling schedule is being updated and the schedule as shown on the handout needs to be revised. Revised schedule to be sent out as soon as available. Len Pinaud (MADEP) pointed out that the schedule for installation of NWP-10 at the scenic overlook (which had required public notification) should not be altered, since it affected other parties outside the project. Schedules for drilling of wells off base, particularly in neighborhoods, should be adhered to as closely as possible to avoid inconveniencing the public.
- The screen setting call for the J2-Wood Rd#1 will be held today or tomorrow at the latest. Once the data is reviewed the next well location can be discussed.
- Of the nine SE Ranges wells listed in the schedule, 4 have been approved, 5 need to be discussed further with Jane Dolan.
- Ms. Dolan requested a start state for installation of J2P-21/22.
- Dave Hill (IAGWSPO) indicated the IAGWSPO was attempting to expedite the drilling schedule for the SE Ranges by bringing in a cable-tool rig by mid November to do the well screen installations, so that the Barber Rig could be used for drilling and profiling of the well

boreholes. Ms. Dolan requested the Army Corps provide a drilling schedule for all the SE Ranges wells utilizing the cable-tool rig.

J-2 Range Groundwater Investigation

Dave Hill (IAGWSPO) provided an update on the investigation progress.

- Data package will be available later today.
- All roadways that impact the investigation have been cleared.
- Jane Dolan requested an explanation of the decision criteria for placing a new transect of wells between Wood and Jefferson Roads, requesting ROA submissions for well locations to get a jump start on the schedule in case it is the best place for additional well installation.
- Mr. Hill indicated that Natural Heritage did not want to approve a swath in this vegetated area as they had agreed to do for the roadways. ROA submittals would have to be for specific drilling locations. Further discussion on this topic should be initiated after receipt of the data package.

Northwest Corner Update

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

- RSNW03 was sampled yesterday, 10/29. Monthly explosive and perchlorate results for all residential wells (RSNW03, RSNW06, RSNW01) being monitored in the Northwest Corner were received earlier in the week and were similar to past rounds. Perchlorate was not detected in RSNW01; RDX was not detected in RSNW03.
- Drilling at NWP-10 is scheduled to commence the week of 11/03.
- At the request of Karen Wilson and Dr. Sue Goodfellow, the drilling locations for NWP-10, 11 and 12 were revised to minimize natural and cultural resource impacts. A map was distributed showing the revised locations. A site-walk was scheduled for the afternoon to review these locations with the agencies.
- To Meghan Cassidy's (EPA) inquiry about the ROA status of NWP-9, Mr. Gallagher explained that this drilling location on Army Corps property was on hold pending an agreement on the drilling location. There were no access issues related to the location, which is along the BWD water line easement.
- Desiree Moyer (EPA) requested the IAGWSPO check on validated data for MW-283 & MW-284.
- The last batch of soil sampling results from the Northwest Corner are still pending.
- Len Pinaud agreed to take the lead in talking to the Schooner Pass Condo Associates, but his calls have not been returned.
- As relayed in a phone call with the Well 40360111 property owners, the property owners have set up an agreement with the Condo Association to decommission the well and pay for improvements to the BWD water hookup. The engineering design is expected to be completed in early November; construction is scheduled for February 04. Copies of agreement between the property owners and the Schooner Pass Condo Association dated 7/08/03 were distributed.
- Well 4036011 property owners also sent a letter to the IAGWSO denying access to the property for the installation of a monitoring well. The letter, which is undated, was distributed at the Tech meeting.
- EPA had requested a letter report be issued summarizing the completion of tasks specified in the Project Note, which laid out the Northwest Corner Characterization. Mr. Gallagher, noting that currently there were 7 additional wells scoped to be installed as part of the investigation, proposed the report be delayed until these wells were drilled and the subregional model developed. Such a report may be possible as early as late spring. A data summary, as an interim report was possible that incorporated only the data from the monitoring wells installed to date, although the Army/Guard did not see much value in such a report.

- Ms. Cassidy noted that the schedule for the report did not seem realistic, given the demands of the other investigations. Ms. Cassidy stated that a drilling schedule was needed and a layout of the schedule overall in order to determine a realistic date.
- Todd Borci (EPA) indicated a report that showed the synthesis of the data was needed before the investigation progressed.
- Len Pinaud (MADEP) indicated an interim results report that summarized the data to date, even with limited information, would be helpful.
- Army/Guard/Army Corps to evaluate nature of report and schedule and get back to agencies.

Documents and Schedules

Dave Margolis (ACE) reviewed general document and scheduling issues.

- The RCL for the Demo 1 Soil RRA Soil Treatment Plan would be submitted shortly. Meghan Cassidy asked about the status of the Soil RRA MOR since she did not see it on the schedule. Ms. Cassidy further noted there were several pieces to the Demo 1 Soil RRA that needed to be followed before the plan could be approved. These pieces included the Soil RRA MOR, RCL for the Soil Treatment Plan, Treatability Study; and the SAP MOR. All parties agreed to discuss the status of all pieces of the plan in an after meeting.
- Len Pinaud (MADEP) inquired about the status of the HUTA Reports, as the DEP had outstanding comments. Bill Gallagher indicated the IAGWSPO expected to provide a RLSO Draft Final Report shortly, but would like the DEP comments as soon as available.
- Jane Dolan (EPA) indicated she was waiting on a response to her comments on the L Range Supplemental Groundwater Workplan MOR. Marc Grant (AMEC) indicated a response was provided on 9/29. Ms Dolan clarified in an follow-up email that a second set of comments on the 9/29 response was sent on 10/20.
- Ms. Dolan also requested dates for completion of drilling of wells proposed in the Southeast Ranges investigation program given the proposed use of the cable-tool rig to set well screens.
- Leo Yuskus (Haley & Ward) indicated he had sent a letter to the IAGWSPO requesting to be included on the distribution list for results of NW Corner groundwater samples. Bill Gallagher (IAGWSPO) offered to provide information to Mr. Yuskus.
- Mr. Yuskus distributed copies of the BWD production well pumping records, which had been faxed earlier to Todd Borci.

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 01-1; 1-88A; 02-01M2; 02-05M1, M2, M3 and duplicate; 02-09M1 and M2; 02-13M1; 97-2C; and MW-213M2, M3 and duplicate had detections of perchlorate. The results were similar to previous sampling rounds.

Southeast Ranges

- Profile samples from MW-293 (J2P-Wood Rd. #1) had detections of perchlorate and explosives. Perchlorate was detected in seven intervals, between 14 to 204 feet below the water table. Of the explosive compounds, RDX was confirmed by PDA spectra at 94 feet below the water table. Well screens were set at the depth (4 to 14 ft bwt) corresponding to the shallowest perchlorate detection, at the depth (90 to 100 ft bwt) corresponding to the RDX detection and highest perchlorate detection, and at the depth (190 to 200 ft bwt) corresponding to the deepest perchlorate detection.

- Profile samples from MW-294 (J3P-32) had detections of VOCs and explosives. None of the explosive compounds were confirmed by PDA spectra. A well screen will be set at the depth (65 to 75 ft bwt) that the particle backtrack from MW-155M1 intersected the MW-294 borehole.

Northwest Corner

- Groundwater samples from RSNW03 and duplicate had detections of perchlorate. The results were similar to previous sampling rounds.

- Samples from fireworks debris collected along Canal View Rd. had detections of perchlorate.

DELIVERABLES SUBMITTED

Weekly Progress Update for October 20 – October 24, 2003	10/31/2003

3. SCHEDULED ACTIONS

Scheduled actions for the week of November 3 include complete well installation at MW-294 (J3P-32), continue well installation at EW-275 (EW-D1-2), commence and complete redrilling at IW-D1-2, and commence drilling at MW-297 (NWP-10). Groundwater sampling at Bourne water supply and monitoring wells, recently installed wells, and as part of the August round of the Draft 2003 Long-Term Groundwater Monitoring Plan will continue. Demo Area 1 UXO anomaly removal and anomaly excavation at Gun Position GP-16 will continue. Pneumatic Slug testing will be conducted in Central Impact Area wells.

4. SUMMARY OF ACTIVITIES FOR DEMO AREA 1

Response to agency comments on the Draft Groundwater Report Addendum for the Demo Area 1 Groundwater Operable Unit (OU) and the Groundwater RRA Plan are being prepared. Installation of extraction and injection wells for the Groundwater RRA are ongoing. Preparation activities for the installation of subsurface piping and well vaults for the Frank Perkins Road

Extraction, Treatment and Recharge System continue. Modeling activities in support of the Feasibility Study (FS) are currently underway.

Geophysical anomaly excavation and removal within the Demo Area 1 depression continues. Responses to EPA comments on the Soil Treatment Plan are being prepared. DEP comments are expected shortly.

TABLE 2
SAMPLING PROGRESS
10/26/2003 - 11/01/2003

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
ECC102303J1P	SS15110	10/30/2003	Crater grab	0	0.25		
ECC102303J1P	SS15111	10/30/2003	Crater grab	0	0.25		
ECC102303J1P	SS15112	10/30/2003	Crater grab	0	0.25		
ECC102703J1P	SS15113	10/30/2003	Crater grab	0	0.25		
ECC102703J1P	SS15114	10/30/2003	Crater grab	0	0.25		
ECC102303J1P	SS15110	10/30/2003	Crater grid	0	0.25		
ECC102303J1P	SS15111	10/30/2003	Crater grid	0	0.25		
ECC102303J1P	SS15112	10/30/2003	Crater grid	0	0.25		
ECC102703J1P	SS15113	10/30/2003	Crater grid	0	0.25		
ECC102703J1P	SS15114	10/30/2003	Crater grid	0	0.25		
HCA10230301A	A10230301	10/30/2003	CRATER GRID	0	0.25		
HCA10230301B	A10230301	10/30/2003	CRATER GRID	0	0.25		
4036000-01G-A	4036000-01G	10/27/2003	GROUNDWATER	38	69.8	6	12
4036000-06G-A	4036000-06G	10/27/2003	GROUNDWATER	108	128	6	12
90MW0022-A	90MW0022	10/31/2003	GROUNDWATER	112	117	72.79	77.79
90MW0022-D	90MW0022	10/31/2003	GROUNDWATER	112	117	72.79	77.79
RSNW03-A	RSNW03	10/29/2003	GROUNDWATER				
RSNW03-D	RSNW03	10/29/2003	GROUNDWATER				
SMR-2-A	SMR-2	10/31/2003	GROUNDWATER	121	131	19	29
SMR-4-A	SMR-4	10/31/2003	GROUNDWATER	102	112	9	19
TW00-1-A	00-1	10/29/2003	GROUNDWATER	64	70	52.1	58.1
TW00-2D-A	00-2	10/29/2003	GROUNDWATER	71	77	43.95	49.95
TW00-2S-A	00-2	10/29/2003	GROUNDWATER	29	35	1.17	7.17
W02-13M1A	02-13	10/27/2003	GROUNDWATER	98	108	58.33	68.33
W02-13M1D	02-13	10/27/2003	GROUNDWATER	98	108	58.33	68.33
W02-13M2A	02-13	10/27/2003	GROUNDWATER	83	93	44.2	54.2
W02-13M3A	02-13	10/27/2003	GROUNDWATER	68	78	28.3	38.3
W108M1A	MW-108	10/31/2003	GROUNDWATER	297	307	133	143
W108M2A	MW-108	10/31/2003	GROUNDWATER	282	292	118	128
W108M3A	MW-108	10/31/2003	GROUNDWATER	262	272	98	108
W112M1A	MW-112	10/30/2003	GROUNDWATER	195	205	56	66
W112M2A	MW-112	10/30/2003	GROUNDWATER	165	175	26	36
W138M1A	MW-138	10/30/2003	GROUNDWATER	253	263	132	142
W138M2A	MW-138	10/30/2003	GROUNDWATER	151	161	30	40
W138M3A	MW-138	10/30/2003	GROUNDWATER	135	145	14	24
W140M1A	MW-140	10/31/2003	GROUNDWATER	107.5	117	19	29
W152M1A	MW-152	10/30/2003	GROUNDWATER	250	260	144	154
W152M2A	MW-152	10/31/2003	GROUNDWATER	154	164	48	58
W153M1A	MW-153	10/30/2003	GROUNDWATER	199	209	108	118
W153M2A	MW-153	10/30/2003	GROUNDWATER	144	154	53	63

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
10/26/2003 - 11/01/2003

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W154M1A	MW-154	10/31/2003	GROUNDWATER	187.5	192.5	91	96
W154M1D	MW-154	10/31/2003	GROUNDWATER	187.5	192.5	91	96
W177M1A	MW-177	10/31/2003	GROUNDWATER	375	385	186.2	196.2
W177M2A	MW-177	10/31/2003	GROUNDWATER	278	288	87.3	97.3
W177M2D	MW-177	10/31/2003	GROUNDWATER	278	288	87.3	97.3
W184M1A	MW-184	10/30/2003	GROUNDWATER	186	196	58.2	68.2
W184M2A	MW-184	10/30/2003	GROUNDWATER	126	136	0	10
W185M1A	MW-185	10/30/2003	GROUNDWATER	247	257	110.9	120.9
W185M2A	MW-185	10/30/2003	GROUNDWATER	156	166	19.5	29.5
W209M1A	MW-209	10/29/2003	GROUNDWATER	240	250	121	131
W209M2A	MW-209	10/29/2003	GROUNDWATER	220	230	110	120
W28M1A	MW-28	10/29/2003	GROUNDWATER	270	280	173	183
W28M2A	MW-28	10/30/2003	GROUNDWATER	175	185	78	88
W28M2D	MW-28	10/30/2003	GROUNDWATER	175	185	78	88
W85M1A	MW-85	10/30/2003	GROUNDWATER	137.5	147.5	22	32
W85SSA	MW-85	10/30/2003	GROUNDWATER	116	126	1	11
XXM972-A	97-2	10/29/2003	GROUNDWATER	75	85	53	63
XXM973-A	97-3	10/29/2003	GROUNDWATER	75	85	36	46
XXM973-D	97-3	10/29/2003	GROUNDWATER	75	85	36	46
XXM975-A	97-5	10/31/2003	GROUNDWATER	84	94	76	86
DW102703-NV	GAC WATER	10/27/2003	IDW	0	0		
DW102803-NV	GAC WATER	10/28/2003	IDW	0	0		
DW103103-NV	GAC WATER	10/31/2003	IDW	0	0		
G294DDA	MW-294	10/27/2003	PROFILE	100	100	37.7	37.7
G294DEA	MW-294	10/27/2003	PROFILE	110	110	47.7	47.7
G294DFA	MW-294	10/27/2003	PROFILE	120	120	57.7	57.7
G294DFD	MW-294	10/27/2003	PROFILE	120	120	57.7	57.7
G294DGA	MW-294	10/27/2003	PROFILE	130	130	67.7	67.7
G294DHA	MW-294	10/28/2003	PROFILE	140	140	77.7	77.7
G294DIA	MW-294	10/28/2003	PROFILE	150	150	87.7	87.7
G294DJA	MW-294	10/28/2003	PROFILE	160	160	97.7	97.7
G294DKA	MW-294	10/28/2003	PROFILE	170	170	107.7	107.7
G294DLA	MW-294	10/28/2003	PROFILE	180	180	117.7	117.7
G294DMA	MW-294	10/28/2003	PROFILE	190	190	127.7	127.7
G294DNA	MW-294	10/29/2003	PROFILE	200	200	137.7	137.7
G294DOA	MW-294	10/29/2003	PROFILE	210	210	147.7	147.7
G294DPA	MW-294	10/29/2003	PROFILE	220	220	157.7	157.7
G294DQA	MW-294	10/29/2003	PROFILE	230	230	167.7	167.7
G294DRA	MW-294	10/29/2003	PROFILE	240	240	177.7	177.7
G294DRD	MW-294	10/29/2003	PROFILE	240	240	177.7	177.7

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
10/26/2003 - 11/01/2003

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
G294DSA	MW-294	10/29/2003	PROFILE	250	250	187.7	187.7
G294DTA	MW-294	10/29/2003	PROFILE	260	260	197.7	197.7
G294DUA	MW-294	10/29/2003	PROFILE	270	270	207.7	207.7
G294DUA	MW-294	10/30/2003	PROFILE	270	270	207.7	207.7
MW-293-19	MW-293	10/27/2003	Profile	300	300	194	194
MW-293-19	MW-293	10/27/2003	Profile	300	300	194	194
MW-293-20	MW-293	10/27/2003	Profile	310	310	204	204
MW-293-20	MW-293	10/27/2003	Profile	310	310	204	204
MW-293-21	MW-293	10/28/2003	Profile	330	330	224	224
MW-293-21	MW-293	10/28/2003	Profile	330	330	224	224
MW-293-22	MW-293	10/28/2003	Profile	340	340	234	234
MW-293-22	MW-293	10/28/2003	Profile	340	340	234	234
S228DBA	MW-228	10/30/2003	SOIL BORING	1.5	2		
HC206AAA-A	206A	10/28/2003	SOIL GRID	0	0.5		
HC206BAA-A	206B	10/28/2003	SOIL GRID	0	0.5		
HC206CAA-A	206C	10/28/2003	SOIL GRID	0	0.5		
HC206DAA-A	206D	10/28/2003	SOIL GRID	0	0.5		
HC206DAA-D	206D	10/28/2003	SOIL GRID	0	0.5		
HD102C31AAA	102C	10/30/2003	SOIL GRID	0	0.25		
HD102C31AAD	102C	10/30/2003	SOIL GRID	0	0.25		
HD103CB1AAA	103CB	10/30/2003	SOIL GRID	0	0.25		
102FD-01	SS15057-A	10/27/2003	Soil Grid Compo	0	0.25		
102FD-01	SS15057-A	10/27/2003	Soil Grid Compo	0.5	1		
102FD-01	SS15057-A	10/27/2003	Soil Grid Compo	0	0.25		
102FD-02	SS15057-A	10/27/2003	Soil Grid Compo	0.5	1		
102JA-A-01	SS15029-A	10/30/2003	Soil Grid Compo	0	0.25		
102JA-A-01	SS15029-A	10/30/2003	Soil Grid Compo	0	0.25		
102JA-A-02	SS15029-A	10/30/2003	Soil Grid Compo	0.25	0.5		
102JA-A-02	SS15029-A	10/30/2003	Soil Grid Compo	0.25	0.5		
102JA-A-03	SS15029-A	10/30/2003	Soil Grid Compo	0.5	1		
102JA-A-03	SS15029-A	10/30/2003	Soil Grid Compo	0.5	1		
102JA-B-01	SS15029-B	10/30/2003	Soil Grid Compo	0	0.25		
102JA-B-01	SS15029-B	10/30/2003	Soil Grid Compo	0	0.25		
102JA-B-02	SS15029-B	10/30/2003	Soil Grid Compo	0.25	0.5		
102JA-B-02	SS15029-B	10/30/2003	Soil Grid Compo	0.25	0.5		
102JA-B-02FD	SS15029-B	10/30/2003	Soil Grid Compo	0.25	0.5		
102JA-B-02FD	SS15029-B	10/30/2003	Soil Grid Compo	0.25	0.5		
102JA-B-03	SS15029-B	10/30/2003	Soil Grid Compo	0.5	1		
102JA-B-03	SS15029-B	10/30/2003	Soil Grid Compo	0.5	1		
102JA-C-01	SS15029-C	10/30/2003	Soil Grid Compo	0	0.25		

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
10/26/2003 - 11/01/2003

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
102JA-C-01	SS15029-C	10/30/2003	Soil Grid Compo	0	0.25		
102JA-C-02	SS15029-C	10/30/2003	Soil Grid Compo	0.25	0.5		
102JA-C-02	SS15029-C	10/30/2003	Soil Grid Compo	0.25	0.5		
102JA-C-03	SS15029-C	10/30/2003	Soil Grid Compo	0.5	1		
102JA-C-03	SS15029-C	10/30/2003	Soil Grid Compo	0.5	1		
102JA-C-03FD	SS15029-C	10/30/2003	Soil Grid Compo	0.5	1		
102JA-C-03FD	SS15029-C	10/30/2003	Soil Grid Compo	0.5	1		
102JA-D-01	SS15029-D	10/30/2003	Soil Grid Compo	0	0.25		
102JA-D-01	SS15029-D	10/30/2003	Soil Grid Compo	0	0.25		
102JA-D-02	SS15029-D	10/30/2003	Soil Grid Compo	0.25	0.5		
102JA-D-02	SS15029-D	10/30/2003	Soil Grid Compo	0.25	0.5		
102JA-D-03	SS15029-D	10/30/2003	Soil Grid Compo	0.5	1		
102JA-D-03	SS15029-D	10/30/2003	Soil Grid Compo	0.5	1		
102JA-E-01	SS15029-E	10/30/2003	Soil Grid Compo	0	0.25		
102JA-E-01	SS15029-E	10/30/2003	Soil Grid Compo	0	0.25		
102JA-E-02	SS15029-E	10/30/2003	Soil Grid Compo	0.25	0.5		
102JA-E-02	SS15029-E	10/30/2003	Soil Grid Compo	0.25	0.5		
102JA-E-03	SS15029-E	10/30/2003	Soil Grid Compo	0.5	1		
102JA-E-03	SS15029-E	10/30/2003	Soil Grid Compo	0.5	1		
102KA-A-01	SS15030-A	10/31/2003	Soil Grid Compo	0	0.25		
102KA-A-01	SS15030-A	10/31/2003	Soil Grid Compo	0	0.25		
102KA-A-02	SS15030-A	10/31/2003	Soil Grid Compo	0.25	0.5		
102KA-A-02	SS15030-A	10/31/2003	Soil Grid Compo	0.25	0.5		
102KA-A-03	SS15030-A	10/31/2003	Soil Grid Compo	0.5	1		
102KA-A-03	SS15030-A	10/31/2003	Soil Grid Compo	0.5	1		
102KA-B-01	SS15030-B	10/31/2003	Soil Grid Compo	0	0.25		
102KA-B-01	SS15030-B	10/31/2003	Soil Grid Compo	0	0.25		
102KA-B-02	SS15030-B	10/31/2003	Soil Grid Compo	0.25	0.5		
102KA-B-02	SS15030-B	10/31/2003	Soil Grid Compo	0.25	0.5		
102KA-B-03	SS15030-B	10/31/2003	Soil Grid Compo	0.5	1		
102KA-B-03	SS15030-B	10/31/2003	Soil Grid Compo	0.5	1		
102KA-C-01	SS15030-C	10/31/2003	Soil Grid Compo	0	0.25		
102KA-C-01	SS15030-C	10/31/2003	Soil Grid Compo	0	0.25		
102KA-C-01FD	SS15030-C	10/31/2003	Soil Grid Compo	0	0.25		
102KA-C-01FD	SS15030-C	10/31/2003	Soil Grid Compo	0	0.25		
102KA-C-02	SS15030-C	10/31/2003	Soil Grid Compo	0.25	0.5		
102KA-C-02	SS15030-C	10/31/2003	Soil Grid Compo	0.25	0.5		
102KA-C-03	SS15030-C	10/31/2003	Soil Grid Compo	0.5	1		
102KA-C-03	SS15030-C	10/31/2003	Soil Grid Compo	0.5	1		
102KA-D-01	SS15030-D	10/31/2003	Soil Grid Compo	0	0.25		

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
10/26/2003 - 11/01/2003

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
102KA-D-01	SS15030-D	10/31/2003	Soil Grid Compo	0	0.25		
102KA-D-02	SS15030-D	10/31/2003	Soil Grid Compo	0.25	0.5		
102KA-D-02	SS15030-D	10/31/2003	Soil Grid Compo	0.25	0.5		
102KA-D-02FD	SS15030-D	10/31/2003	Soil Grid Compo	0.25	0.5		
102KA-D-02FD	SS15030-D	10/31/2003	Soil Grid Compo	0.25	0.5		
102KA-D-03	SS15030-D	10/31/2003	Soil Grid Compo	0.5	1		
102KA-D-03	SS15030-D	10/31/2003	Soil Grid Compo	0.5	1		
102KA-E-01	SS15030-E	10/31/2003	Soil Grid Compo	0	0		
102KA-E-01	SS15030-E	10/31/2003	Soil Grid Compo	0	0.25		
102KA-E-02	SS15030-E	10/31/2003	Soil Grid Compo	0	0		
102KA-E-02	SS15030-E	10/31/2003	Soil Grid Compo	0.25	0.5		
102KA-E-03	SS15030-E	10/31/2003	Soil Grid Compo	0	0		
102KA-E-03	SS15030-E	10/31/2003	Soil Grid Compo	0.5	1		
102XC-01	SS15053-A	10/27/2003	Soil Grid Compo	0	0.25		
102XC-01	SS15053-A	10/27/2003	Soil Grid Compo	0	0.25		
102XC-02	SS15053-A	10/27/2003	Soil Grid Compo	0.5	1		
102XC-02	SS15053-A	10/27/2003	Soil Grid Compo	0.5	1		
102XD-01	SS15054-A	10/27/2003	Soil Grid Compo	0	0.25		
102XD-01	SS15054-A	10/27/2003	Soil Grid Compo	0	0.25		
102XD-02	SS15054-A	10/27/2003	Soil Grid Compo	0.5	1		
102XD-02	SS15054-A	10/27/2003	Soil Grid Compo	0.5	1		
102XD-02FD	SS15054-A	10/27/2003	Soil Grid Compo	0.5	1		
102XD-02FD	SS15054-A	10/27/2003	Soil Grid Compo	0.5	1		
102XE-01	SS15055-A	10/27/2003	Soil Grid Compo	0	0.25		
102XE-01	SS15055-A	10/27/2003	Soil Grid Compo	0	0.25		
102XE-02	SS15055-A	10/27/2003	Soil Grid Compo	0.5	1		
102XE-02	SS15055-A	10/27/2003	Soil Grid Compo	0.5	1		
102XF-01	SS15056-A	10/27/2003	Soil Grid Compo	0	0.25		
102XF-01	SS15056-A	10/27/2003	Soil Grid Compo	0	0.25		
102XF-02	SS15056-A	10/27/2003	Soil Grid Compo	0.5	1		
102XF-02	SS15056-A	10/27/2003	Soil Grid Compo	0.5	1		
ECC101403DM	SS15109	10/30/2003	Soil Grid Compo	0	0.25		

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 10/03/03 - 11/01/03

SAMPLE_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
97-2C-A	97-2C	10/24/2003	GROUNDWATER	132	132	68	68	E314.0	PERCHLORATE	
RSNW03-A	RSNW03	10/29/2003	GROUNDWATER					E314.0	PERCHLORATE	
RSNW03-D	RSNW03	10/29/2003	GROUNDWATER					E314.0	PERCHLORATE	
TW01-1-D	01-1	10/24/2003	GROUNDWATER	62	67	55.21	60.21	E314.0	PERCHLORATE	
TW1-88A-A	1-88	10/20/2003	GROUNDWATER	102.9	102.9	67.4	67.4	E314.0	PERCHLORATE	
W02-01M2A	02-01	10/21/2003	GROUNDWATER	83	93	30.9	40.9	E314.0	PERCHLORATE	
W02-05M1A	02-05	10/23/2003	GROUNDWATER	110	120	81.44	91.44	E314.0	PERCHLORATE	
W02-05M2A	02-05	10/23/2003	GROUNDWATER	92	102	63.41	73.41	E314.0	PERCHLORATE	
W02-05M3A	02-05	10/23/2003	GROUNDWATER	70	80	41.37	51.37	E314.0	PERCHLORATE	
W02-05M3D	02-05	10/23/2003	GROUNDWATER	70	80	41.37	51.37	E314.0	PERCHLORATE	
W02-09M1A	02-09	10/21/2003	GROUNDWATER	74	84	65.26	75.26	E314.0	PERCHLORATE	
W02-09M2A	02-09	10/21/2003	GROUNDWATER	59	69	50.3	60.3	E314.0	PERCHLORATE	
W02-13M1A	02-13	10/27/2003	GROUNDWATER	98	108	58.33	68.33	E314.0	PERCHLORATE	
W213M2A	MW-213	10/22/2003	GROUNDWATER	89	99	41.15	51.15	E314.0	PERCHLORATE	
W213M3A	MW-213	10/22/2003	GROUNDWATER	77	82	29.38	34.38	E314.0	PERCHLORATE	
W213M3D	MW-213	10/22/2003	GROUNDWATER	77	82	29.38	34.38	E314.0	PERCHLORATE	
FWDEBRIS01	FWDEBRIS01	10/23/2003	OTHER					E314.0	PERCHLORATE	
FWDEBRIS02	FWDEBRIS02	10/23/2003	OTHER					E314.0	PERCHLORATE	
FWDEBRIS03	FWDEBRIS03	10/23/2003	OTHER					E314.0	PERCHLORATE	
G285DFA	MW-285	10/22/2003	PROFILE	240	240	61.4	61.4	8330N	PENTAERYTHRITOL TETRANITRATE	NO*
G285DFA	MW-285	10/22/2003	PROFILE	240	240	61.4	61.4	8330N	3-NITROTOLUENE	NO*
G285DFA	MW-285	10/22/2003	PROFILE	240	240	61.4	61.4	8330N	4-NITROTOLUENE	NO*
G285DFA	MW-285	10/22/2003	PROFILE	240	240	61.4	61.4	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G285DFA	MW-285	10/22/2003	PROFILE	240	240	61.4	61.4	8330N	TETRYL	NO*
G285DKA	MW-285	10/23/2003	PROFILE	290	290	111.4	111.4	8330N	NITROGLYCERIN	NO
G294DAA	MW-294	10/24/2003	PROFILE	70	70	7.7	7.7	8330N	NITROGLYCERIN	NO*
G294DAA	MW-294	10/24/2003	PROFILE	70	70	7.7	7.7	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	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 10/03/03 - 11/01/03

SAMPLE_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
G294DAA	MW-294	10/24/2003	PROFILE	70	70	7.7	7.7	OC21V	CHLOROFORM	
G294DAA	MW-294	10/24/2003	PROFILE	70	70	7.7	7.7	OC21V	ACETONE	
G294DBA	MW-294	10/24/2003	PROFILE	80	80	17.7	17.7	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO*
G294DBA	MW-294	10/24/2003	PROFILE	80	80	17.7	17.7	OC21V	CHLOROFORM	
G294DBA	MW-294	10/24/2003	PROFILE	80	80	17.7	17.7	OC21V	ACETONE	
G294DCA	MW-294	10/24/2003	PROFILE	90	90	27.7	27.7	OC21V	CHLOROFORM	
G294DDA	MW-294	10/27/2003	PROFILE	100	100	37.7	37.7	OC21V	CHLOROFORM	
G294DDA	MW-294	10/27/2003	PROFILE	100	100	37.7	37.7	OC21V	ACETONE	
G294DEA	MW-294	10/27/2003	PROFILE	110	110	47.7	47.7	8330N	PICRIC ACID	NO
G294DEA	MW-294	10/27/2003	PROFILE	110	110	47.7	47.7	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO*
G294DEA	MW-294	10/27/2003	PROFILE	110	110	47.7	47.7	8330N	2,4,6-TRINITROTOLUENE	NO
G294DEA	MW-294	10/27/2003	PROFILE	110	110	47.7	47.7	OC21V	ACETONE	
G294DEA	MW-294	10/27/2003	PROFILE	110	110	47.7	47.7	OC21V	CHLOROFORM	
G294DEA	MW-294	10/27/2003	PROFILE	110	110	47.7	47.7	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G294DFA	MW-294	10/27/2003	PROFILE	120	120	57.7	57.7	8330N	PICRIC ACID	NO
G294DFA	MW-294	10/27/2003	PROFILE	120	120	57.7	57.7	OC21V	CHLOROMETHANE	
G294DFA	MW-294	10/27/2003	PROFILE	120	120	57.7	57.7	OC21V	ACETONE	
G294DFA	MW-294	10/27/2003	PROFILE	120	120	57.7	57.7	OC21V	CHLOROFORM	
G294DFD	MW-294	10/27/2003	PROFILE	120	120	57.7	57.7	8330N	PICRIC ACID	NO
G294DFD	MW-294	10/27/2003	PROFILE	120	120	57.7	57.7	OC21V	CHLOROFORM	
G294DGA	MW-294	10/27/2003	PROFILE	130	130	67.7	67.7	8330N	PICRIC ACID	NO
G294DGA	MW-294	10/27/2003	PROFILE	130	130	67.7	67.7	8330N	3-NITROTOLUENE	NO
G294DGA	MW-294	10/27/2003	PROFILE	130	130	67.7	67.7	8330N	2,6-DINITROTOLUENE	NO*
G294DGA	MW-294	10/27/2003	PROFILE	130	130	67.7	67.7	8330N	2-NITROTOLUENE	NO*
G294DGA	MW-294	10/27/2003	PROFILE	130	130	67.7	67.7	8330N	PENTAERYTHRITOL TETRANITRATE	NO
G294DGA	MW-294	10/27/2003	PROFILE	130	130	67.7	67.7	8330N	2,4-DINITROTOLUENE	NO*
G294DGA	MW-294	10/27/2003	PROFILE	130	130	67.7	67.7	8330N	2,4,6-TRINITROTOLUENE	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 10/03/03 - 11/01/03

SAMPLE_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
G294DGA	MW-294	10/27/2003	PROFILE	130	130	67.7	67.7	OC21V	ACETONE	
G294DGA	MW-294	10/27/2003	PROFILE	130	130	67.7	67.7	OC21V	CHLOROFORM	
G294DHA	MW-294	10/28/2003	PROFILE	140	140	77.7	77.7	OC21V	ACETONE	
G294DHA	MW-294	10/28/2003	PROFILE	140	140	77.7	77.7	OC21V	CHLOROFORM	
G294DIA	MW-294	10/28/2003	PROFILE	150	150	87.7	87.7	8330N	2,4,6-TRINITROTOLUENE	NO*
G294DIA	MW-294	10/28/2003	PROFILE	150	150	87.7	87.7	8330N	PENTAERYTHRITOL TETRANITRATE	NO
G294DIA	MW-294	10/28/2003	PROFILE	150	150	87.7	87.7	8330N	3-NITROTOLUENE	NO*
G294DIA	MW-294	10/28/2003	PROFILE	150	150	87.7	87.7	8330N	PICRIC ACID	NO*
G294DIA	MW-294	10/28/2003	PROFILE	150	150	87.7	87.7	8330N	2-NITROTOLUENE	NO*
G294DIA	MW-294	10/28/2003	PROFILE	150	150	87.7	87.7	8330N	4-NITROTOLUENE	NO*
G294DIA	MW-294	10/28/2003	PROFILE	150	150	87.7	87.7	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO*
G294DIA	MW-294	10/28/2003	PROFILE	150	150	87.7	87.7	OC21V	ACETONE	
G294DIA	MW-294	10/28/2003	PROFILE	150	150	87.7	87.7	OC21V	CHLOROFORM	
G294DJA	MW-294	10/28/2003	PROFILE	160	160	97.7	97.7	OC21V	CHLOROFORM	
G294DKA	MW-294	10/28/2003	PROFILE	170	170	107.7	107.7	8330N	PICRIC ACID	NO*
G294DKA	MW-294	10/28/2003	PROFILE	170	170	107.7	107.7	8330N	2,4,6-TRINITROTOLUENE	NO*
G294DKA	MW-294	10/28/2003	PROFILE	170	170	107.7	107.7	OC21V	ACETONE	
G294DLA	MW-294	10/28/2003	PROFILE	180	180	117.7	117.7	OC21V	ACETONE	
G294DLA	MW-294	10/28/2003	PROFILE	180	180	117.7	117.7	OC21V	CHLOROFORM	
G294DOA	MW-294	10/29/2003	PROFILE	210	210	147.7	147.7	8330N	PICRIC ACID	NO*
G294DOA	MW-294	10/29/2003	PROFILE	210	210	147.7	147.7	8330N	2,6-DINITROTOLUENE	NO*
G294DOA	MW-294	10/29/2003	PROFILE	210	210	147.7	147.7	8330N	PENTAERYTHRITOL TETRANITRATE	NO*
G294DOA	MW-294	10/29/2003	PROFILE	210	210	147.7	147.7	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO*
G294DOA	MW-294	10/29/2003	PROFILE	210	210	147.7	147.7	8330N	2,4,6-TRINITROTOLUENE	NO*
G294DOA	MW-294	10/29/2003	PROFILE	210	210	147.7	147.7	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G294DOA	MW-294	10/29/2003	PROFILE	210	210	147.7	147.7	OC21V	ACETONE	
G294DPA	MW-294	10/29/2003	PROFILE	220	220	157.7	157.7	8330N	4-NITROTOLUENE	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 10/03/03 - 11/01/03

SAMPLE_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
G294DPA	MW-294	10/29/2003	PROFILE	220	220	157.7	157.7	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G294DPA	MW-294	10/29/2003	PROFILE	220	220	157.7	157.7	8330N	NITROGLYCERIN	NO
G294DPA	MW-294	10/29/2003	PROFILE	220	220	157.7	157.7	8330N	3-NITROTOLUENE	NO*
G294DPA	MW-294	10/29/2003	PROFILE	220	220	157.7	157.7	8330N	2,4,6-TRINITROTOLUENE	NO*
G294DPA	MW-294	10/29/2003	PROFILE	220	220	157.7	157.7	8330N	2-NITROTOLUENE	NO
G294DPA	MW-294	10/29/2003	PROFILE	220	220	157.7	157.7	8330N	2,6-DINITROTOLUENE	NO*
G294DPA	MW-294	10/29/2003	PROFILE	220	220	157.7	157.7	8330N	PENTAERYTHRITOL TETRANITRATE	NO*
G294DPA	MW-294	10/29/2003	PROFILE	220	220	157.7	157.7	8330N	PICRIC ACID	NO*
G294DPA	MW-294	10/29/2003	PROFILE	220	220	157.7	157.7	8330N	NITROBENZENE	NO*
G294DPA	MW-294	10/29/2003	PROFILE	220	220	157.7	157.7	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO*
G294DPA	MW-294	10/29/2003	PROFILE	220	220	157.7	157.7	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G294DPA	MW-294	10/29/2003	PROFILE	220	220	157.7	157.7	OC21V	ACETONE	
G294DQA	MW-294	10/29/2003	PROFILE	230	230	167.7	167.7	8330N	2-NITROTOLUENE	NO
G294DQA	MW-294	10/29/2003	PROFILE	230	230	167.7	167.7	8330N	2,6-DINITROTOLUENE	NO*
G294DQA	MW-294	10/29/2003	PROFILE	230	230	167.7	167.7	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO*
G294DQA	MW-294	10/29/2003	PROFILE	230	230	167.7	167.7	8330N	PICRIC ACID	NO*
G294DQA	MW-294	10/29/2003	PROFILE	230	230	167.7	167.7	8330N	4-NITROTOLUENE	NO*
G294DQA	MW-294	10/29/2003	PROFILE	230	230	167.7	167.7	8330N	PENTAERYTHRITOL TETRANITRATE	NO*
G294DQA	MW-294	10/29/2003	PROFILE	230	230	167.7	167.7	OC21V	ACETONE	
G294DSA	MW-294	10/29/2003	PROFILE	250	250	187.7	187.7	OC21V	ACETONE	
G294DTA	MW-294	10/29/2003	PROFILE	260	260	197.7	197.7	OC21V	ACETONE	
G294DUA	MW-294	10/30/2003	PROFILE	270	270	207.7	207.7	8330N	2,6-DINITROTOLUENE	NO
G294DUA	MW-294	10/30/2003	PROFILE	270	270	207.7	207.7	OC21V	ACETONE	
MW-293-01	MW-293 (J2P-WR)	10/22/2003	PROFILE	120	120	14	14	8330N	RDX	NO
MW-293-01	MW-293 (J2P-WR)	10/22/2003	PROFILE	120	120	14	14	8330N	2,6-Dinitrotoluene	NO
MW-293-01	MW-293 (J2P-WR)	10/22/2003	PROFILE	120	120	14	14	E314.0	Perchlorate	
MW-293-02	MW-293 (J2P-WR)	10/22/2003	PROFILE	130	130	24	24	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 10/03/03 - 11/01/03

SAMPLE_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
MW-293-03	MW-293 (J2P-WR)	10/22/2003	PROFILE	140	140	34	34	8330N	RDX	NO
MW-293-04	MW-293 (J2P-WR)	10/22/2003	PROFILE	150	150	44	44	8330N	RDX	NO
MW-293-06	MW-293 (J2P-WR)	10/22/2003	PROFILE	170	170	64	64	8330N	RDX	NO
MW-293-09	MW-293 (J2P-WR)	10/22/2003	PROFILE	200	200	94	94	8330N	RDX	YES
MW-293-09	MW-293 (J2P-WR)	10/22/2003	PROFILE	200	200	94	94	E314.0	Perchlorate	
MW-293-10	MW-293 (J2P-WR)	10/22/2003	PROFILE	210	210	104	104	E314.0	Perchlorate	
MW-293-11	MW-293 (J2P-WR)	10/23/2003	PROFILE	220	220	114	114	E314.0	Perchlorate	
MW-293-12	MW-293 (J2P-WR)	10/23/2003	PROFILE	230	230	124	124	E314.0	Perchlorate	
MW-293-19	MW-293 (J2P-WR)	10/27/2003	PROFILE	300	300	194	194	8330N	2,6-Dinitrotoluene	YES+
MW-293-19	MW-293 (J2P-WR)	10/27/2003	PROFILE	300	300	194	194	E314.0	Perchlorate	
MW-293-20	MW-293 (J2P-WR)	10/27/2003	PROFILE	310	310	204	204	E314.0	Perchlorate	

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