

**WEEKLY PROGRESS UPDATE
FOR JUNE 9 – JUNE 13, 2003**

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

**MASSACHUSETTS MILITARY RESERVATION
TRAINING RANGE AND IMPACT AREA**

The following summary of progress is for the period from June 9 through June 13, 2003.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of June 13 is summarized in Table 1.

Table 1. Drilling progress as of June 13, 2003				
Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
Well 272	Demo Area 1 Injection Well (IW-D1-2)	210	115	
MW-276	Bourne Area (BP-3)	380	197	
MW-277	Northwest Corner (NWP-4)	248	142	
bgs = below ground surface bwt = below water table				

Completed drilling of Well 272 (IW-D1-2), MW-276 (BP-3), and MW-277 (NWP-4). Well development continued for newly installed wells.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from Well 272, MW-276, and MW-277. MW-276 will be redrilled to obtain additional analytical data before setting well screens. Groundwater samples were collected from Bourne water supply and monitoring wells, recently installed wells, residential wells, and as part of the April Long-Term Groundwater Monitoring Plan. Soil samples were collected from the J-3 Range Hillside site. Surface water samples were collected near a public beach, private beach, and near the spit at Snake Pond.

The following are the notes from the June 12, 2003 Technical Team meeting of the Impact Area Groundwater Study Program office at Camp Edwards:

Participants

Hap Gonser (IAGWSPO)
Dave Hill (IAGWSPO)
Meghan Cassidy (EPA)
Len Pinaud (MADEP)
Gina Kaso (ACE)
Ed Wise (ACE)
Darrin Smith (ACE)
Kevin Hood (UConn)

Ben Gregson (IAGWSPO)
Bill Gallagher (IAGWSPO)
Desiree Moyer (EPA)
Mark Panni (MADEP)
Frank Fedele (ACE)
Dave Margolis (ACE)
Kim Harriz (AMEC)

Pam Richardson (IAGWSPO)
LTC Bill FitzPatrick (E&RC)
Todd Borci (EPA)
Dave Williams (MDPH)
Heather Sullivan (ACE)
Katarzyna Chelkowska (ACE)
Dick Skryness (ECC-phone)

Punchlist Items

- #1 Provide update on sampling PZ211 (ACE). Rose Forbes (AFCEE) contacted Bill Gallagher (IAGWSPO) relating that she may know where PZ211 is on the property. Army Corps to discuss with Ms. Forbes.
- #2 Determine ownership of Raccoon Lane (ACE). Homeowner's Association (consisting of the six surrounding property owners) owns both the road and cul-de-sac.
- #5 Provide Comments on Corrective Action Report for J-2 Range gravel incident (EPA/MADEP). EPA will provide comments shortly.
- #6 Provide Project Note for modifications to NW Corner Characterization Approach (IAGWSPO). Emailed revised draft Project Note on 6/10. Hard copies distributed at the Tech meeting. Discussion of note was continued in an after meeting.
- #8 Provide date for SE Range wells synoptic water level round and status of GW flow vector map (ACE). Synoptic water level survey will commence at the end of July or early August, following installation of piezometers. Heather Sullivan to verify that the list of wells for synoptic water level round was sent to the USGS.

ASR Update

Ed Wise (ACE) provided an update on the ASR activities for May, distributing a one-page summary.

- The Witness Summary Table for Witnesses 53-68 has been revised and is being reviewed by the IAGWSPO.
- ASR GIS Data Archive is being prepared for integration into the system with other data archive elements for eventual transfer to the IAGWSPO server. A final version will be provided pending comments from EPA/MADEP.
- Updated witness summary tables for past interviews are being revised to show the specific status of action items. Mr. Wise to provide table to Todd Borci (EPA) for use as soon as it is ready.
- The private investigator has started to contact potential witnesses on the agreed upon list to fill the remaining 10 witness slots.

Fieldwork Update

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

- Tetra Tech finished up all field activities as of 5/28.
- Gun and Mortar geophysical survey findings table was distributed at the meeting.
- SE Ranges: AMEC is conducting UXO clearance at J1P-19; this is progressing slowly due to frag. J-3 Range Hillside sampling continues. ECC will begin vegetation removal at the Hillside site for the geophysical surveys on 6/16.
- Textron is continuing their efforts to decontaminate the J-3 Range Melt Pour Bldg and are expected to be completed by the end of next week.
- Drill Rigs: Rig 1 has TD'ed at Well IW-D1-2; Drill Rig 3 is drilling at NWP-4 and Drill Rig 5 is awaiting screen settings at BP-3.
- Well development continues at BP-4.
- Trenching is being completed at WS-4.
- Sampling of LTGM, Bourne, and new wells continues.
- The anomaly removal continues at Demo 1 probably until early next week. 13 items have been found and are being stored in the CDC bunker. These items include ½ block of C-4, 5 20MM projectiles; small arms, signals; sub caliber rounds, etc; all are items the UXO contractor feels likely were scattered during demolition in the pit.

ROA Status/Drilling Schedule

Heather Sullivan (ACE) provided an update on the ROA status and drilling schedule, distributing a 2-page ROA status table and 1-page drilling schedule.

- The ROA process has been started for the SE Ranges piezometers.
- ECC will submit ROAs for new SE Ranges wells that have approved locations.
- Regarding J-2 Range wells, J2P-20 and J2P-18 have been scoped downgradient of Polygon 2. Drilling to begin with J2P-20. An ROA approval is being sought for a stretch of area where J2P-24/25 can be installed. There were no conclusions at the scoping meeting as to the specific sites for these wells.
- Todd Borci (EPA) requested the drill schedule reflect the SE Ranges wells that were being scoped. Mr. Borci was concerned that the Army Corps plan ahead so that there would be an adequate number of drilling rigs to cover the proposed work without delays in the schedule.
- Army Corps/IAGWSP/EPA/MADEP to develop a list of approved wells to add to the drilling schedule in an after meeting discussion.

Northwest Corner of Camp Edwards

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

- Drilling continues at NWP-4 (MW-277). Drilling has been progressing slowly due to silty sands. MW-270 (NWP-1) has been developed and can be sampled next week. NWP-2 and NWP-3 have been UXO cleared.
- The Army/Guard is pursuing amendment of the access agreement with the Army Corps to obtain approval to drill along the canal on Army Corps property. A letter will be sent to the Army Corps with this request; Ed Wise (ACE) relayed that Ray Cottengaim (ACE) thought this process should be relatively straightforward. However, there is uncertainty as to what the requirements are for the Army Corps' ROA process. Mr. Cottengaim also thought the wells as proposed on the canal road were outside the Rail Road easement and suggested that no wells be placed in the easement. Mr. Gallagher offered to share the property maps that showed the Army Corps property relative to the easement with the agencies.
- The revised Project Note sent out via email yesterday afternoon incorporated the majority of the EPA/MADEP requests. The scope also included a brief outline of a hydrogeologic evaluation of the area to include synoptic water level rounds, monitoring of tidal influences, and finding information on the canal construction. A simple cross section of the canal has already been provided to Desiree Moyer (EPA). The hydrogeologic evaluation will help to establish horizontal and vertical gradients with the aquifer that can be compared to the modeled flow pattern.
- Ben Gregson (IAGWSPO) indicated there might not be a lot of specific information on the canal, such as as-built diagrams that were requested by the EPA, since the canal was constructed by a private firm. What may be available includes hydrograph information and depth of the last dredging. Todd Borci (EPA) indicated the EPA was interested in the exact construction of the sidewalls, type of material and thickness.
- Mr. Gallagher relayed that Denis LeBlanc (USGS) was confident that the canal was a barrier to groundwater flow; suggesting that groundwater from all levels in the aquifer discharged to the canal.
- Validated data from sampling the private irrigation well on Weatherdeck Dr. was received. Perchlorate was detected at 0.48 ppb; RDX was detected at 0.25 ppb. Mr. Gallagher has relayed this information to the homeowner and they will be sent the data as well as the information on the EPA's Interim Guidance for perchlorate; information on the MADEP Drinking Water Advice for Perchlorate and the IAGWSP Perchlorate Fact Sheet, which among other things addresses the relationship between the two agencies guidance levels.

The homeowner has indicated they prefer to continue to use the well. The well to be resampled today.

- Third round sample for RSNW03 (Foretop Road residential well) shows perchlorate at 1.7 ppb, similar to previous rounds.
- AMEC has requested well completion logs for the private wells in the Northwest Corner that the certified well drillers is required to submit to the MADEM.
- The property map of the Northwest Corner investigation area and database of residential properties in the area have been rectified. Copies of the database and map were distributed at the meeting.
- Further discussion of the revised Project Note was scheduled as an after meeting to allow the agencies additional time to review the Army/Guard's proposal.
- Meghan Cassidy (EPA) inquired whether the Army/Guard's 6/9/03 letter to the MADEP was intended as the NOR Response for the detection of perchlorate in a private drinking water well (RSNW03) on Foretop Road, noting that there was no mention of the NOR in the letter, nor signature of a LSP. Ben Gregson (IAGWSPO) indicated the letter was an update to MADEP, providing details on the investigation. The letter was not intended as an official IRA Plan or response to the NOR and represented only the Army/Guard's opinion. Ms. Cassidy noted the EPA did not agree with some of the statements made in the letter.
- Ms. Cassidy further questioned what documentation was available that there were no sensitive populations impacted by the perchlorate detection in the private drinking water well (RSNW03) on Foretop Road. Mr. Gallagher indicated this information was relayed to him in a phone conversation with the homeowners and had been documented in a chronology of events the Army/Guard had kept. Len Pinaud (MADEP) confirmed that he also had spoken with the homeowners who specifically said there were no sensitive subgroups drinking the water from the well.
- To Ms. Cassidy's further inquiry, Pam Richardson (IAGWSPO) confirmed the Northwest Corner Characterization Approach had been sent to the homeowner on Foretop Road.
- Mr. Pinaud relayed that the homeowner had expressed dismay at the number of press calls he has received and to date has chosen to reserve comment. However, he indicated that if the situation continued for several months without change, he might change his response to the press.
- Mr. Gallagher mentioned the homeowner had called the IAGWSPO after the initial conversation and requested bottled water; to which the Army/Guard had responded that they were not able to offer bottled water. Meghan Cassidy indicated the EPA was not aware of the homeowners' request and requested the date and documentation of the conversation. The Army/Guard followed up this conversation with a letter to the homeowner stating they had incorrectly offered bottle water. An electronic copy of this letter was emailed to the agencies last week. Mr. Gallagher also relayed that the homeowner had inquired about obtaining a hook up to the Bourne Water District but had not specifically requested the Army/Guard provide a hook up. Len Pinaud stated the homeowner had indicated in his conversation that he asked the Army/Guard for a hook up.

Bourne Update

Bill Gallagher (IAGWSPO) provided an update of the Bourne investigation.

- Weekly and monthly sampling continues. There was a detection of perchlorate in well 97-2 at 0.45 ppb, which is the first detection of perchlorate in the well since October of last year.
- The drill rig at BP-3 TD'ed at 380 ft bgs. The perchlorate profile data is not useable due to interferent compounds from the drill rig, which is new. The explosive profile data is being reviewed, but also may not be useable. Options to determine screen settings for this well would be to use the particle track information from MW-226 to set the well or redrill.

- The drilling company would like to try a few things to alleviate this problem so that the drill rig can be used at the site; this to be discussed further with the subcontractors.
- The MOR is scheduled to go out today for agency review.
- The BWD is still working with NStar to put the chemical monitoring wells for Base Water Supply Well, WS-4 in the easement. The E&RC is assisting in this effort. Drilling is scheduled to commence on 7/1/03.
- The Army/Guard requests that EPA/MADEP evaluate the need for the installation of BP-6 at the current scoped location.

Documents and Schedules

Heather Sullivan (ACE) reviewed document and schedule issues, distributing a one-page Document status table.

- The Army/Guard's top priority is the RCRA Sampling Plan for Demo 1. EPA comments have been received. MADEP will provide comment.
- Demo 1 Groundwater FS (TM 01-17) MOR needs MADEP approval.
- Katarzyna Chelkowska (ACE) requested the MSP3 Scar Site Letter Report CRM be combined with CRMs for the ASP and Former K Range Letter Reports and scheduled for 10:30 am on 6/18/03. EPA to check.
- Jim Stahl (TOSC) has indicated his comments on the University of Texas Fate and Transport Study have been resolved. No CRM is needed and will be dropped from the document schedule.

2. SUMMARY OF DATA RECEIVED

Rush data are summarized in Table 3. These data are for analyses that are performed on a fast turn around time, typically 1-5 days. Explosive analyses for monitoring wells, and explosive and volatile organic compound (VOC) analyses for groundwater profile samples, are conducted in this timeframe, as well as any analyses pursuant to a special request. The rush data are not validated, but are provided as an indication of the most recent preliminary results. Table 3 summarizes only detects, and does not show samples with non-detects.

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

Table 3 includes detections from the following areas:

Bourne Area

- Groundwater samples from 02-07M3, 97-2, and 97-5 had detections of perchlorate. The results were similar to the previous sampling rounds.
- Groundwater samples from MW-268M1 had a detection of picric acid that was not confirmed by PDA spectra. This is the first sampling event at this well and the results were consistent with the profile results.

- Profile results from MW-276 (BP-3) had detections of various VOCs and explosives. 2A-DNT was detected and confirmed by PDA spectra, but with interference, at 7 and 37 feet below the water table. 2,4-DNT was detected and confirmed by PDA spectra, but with interference, at 7 feet below the water table. 2,6-DNT was detected and confirmed by PDA spectra, but with interference, at 7 feet below the water table.

Southeast Ranges

- Groundwater samples from MW-263M2 had a detection of 4A-DNT that was confirmed by PDA spectra. This is the first sampling event at this well and the results were consistent with the profile results.
- Groundwater samples from MW-264M1 and M2 had detections of various explosives that were not confirmed by PDA spectra. This is the first sampling event at this well and the results were consistent with the profile results.

DELIVERABLES SUBMITTED

Munitions Survey Program Final Geophysical Survey Operations Plan	06/11/2003
Weekly Progress Update for June 2 – June 6, 2003	06/13/2003

3. SCHEDULED ACTIONS

Scheduled actions for the week of June 16 include commence drilling of NWP-2 and NWP-3. Groundwater sampling at Bourne water supply and monitoring wells, recently installed wells, and as part of the April Long-Term Groundwater Monitoring Plan will continue.

4. SUMMARY OF ACTIVITIES FOR DEMO AREA 1

Pumping and treating groundwater near the toe of the Demo Area 1 plume and at Frank Perkins Road has been selected as an Interim Action to address the Demo Area 1 Groundwater Operable Unit. Efforts to resolve EPA and DEP comments on the Draft RRA/RAM Plan for the Groundwater Operable Unit are ongoing. Responses to EPA and MADEP comments on the Soil RRA/RAM Plan are being developed. Drilling of Injection Well 272 (IW-D1-2) was completed.

**TABLE 2
SAMPLING PROGRESS
06/08/2003 - 06/14/2003**

OGDEN_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
58MW0011D-E	FIELDQC	6/9/2003	FIELDQC	0	0		
58MW0020A-E	FIELDQC	6/10/2003	FIELDQC	0	0		
58MW0020A-E	FIELDQC	6/11/2003	FIELDQC	0	0		
97-2G-E	FIELDQC	6/10/2003	FIELDQC	0	0		
G272DEE	FIELDQC	6/10/2003	FIELDQC	0	0		
G272DET	FIELDQC	6/10/2003	FIELDQC	0	0		
G276DSE	FIELDQC	6/9/2003	FIELDQC	0	0		
G277DEE	FIELDQC	6/9/2003	FIELDQC	0	0		
G277DGE	FIELDQC	6/11/2003	FIELDQC	0	0		
G277DME	FIELDQC	6/12/2003	FIELDQC	0	0		
HC198FF1AAE	FIELDQC	6/10/2003	FIELDQC	0	0		
HC198FK1BAE	FIELDQC	6/13/2003	FIELDQC	0	0		
HC198HG1AAE	FIELDQC	6/11/2003	FIELDQC	0	0		
HC198HO1AAE	FIELDQC	6/9/2003	FIELDQC	0	0		
HC198HO1AAE	FIELDQC	6/10/2003	FIELDQC	0	0		
HC198IJ1CAE	FIELDQC	6/12/2003	FIELDQC	0	0		
HD198FK2CAT	FIELDQC	6/13/2003	FIELDQC	0	0		
HD198GE1CAT	FIELDQC	6/11/2003	FIELDQC	0	0		
HD198HG5CAT	FIELDQC	6/12/2003	FIELDQC	0	0		
W168M1T	FIELDQC	6/9/2003	FIELDQC	0	0		
W80M2F	FIELDQC	6/11/2003	FIELDQC	0	0		
4036000-01G-A	4036000-01G	6/10/2003	GROUNDWATER	38	69.8	6	12
4036000-06G-A	4036000-06G	6/10/2003	GROUNDWATER	108	128	6	12
58MW0011D-A	58MW0011D	6/9/2003	GROUNDWATER	175.4	180.4	49.5	54.5
58MW0011D-A-	58MW0011D	6/9/2003	GROUNDWATER	175.4	180.4	49.5	54.5
58MW0020A-A	58MW0020A	6/11/2003	GROUNDWATER	248	248	88	88
58MW0020B-A	58MW0020B	6/9/2003	GROUNDWATER	205	205	43	43
58MW0020B-A-	58MW0020B	6/9/2003	GROUNDWATER	205	205	43	43
90LWA0007-A	90LWA0007	6/11/2003	GROUNDWATER	92	102	0	10
97-2B-A	97-2B	6/9/2003	GROUNDWATER	121.7	121.7	75.4	75.4
97-2E-A	97-2E	6/9/2003	GROUNDWATER	94.5	94.5	49.8	49.8
97-2G-A	97-2G	6/10/2003	GROUNDWATER	126.8	126.8	73.7	73.7
MW00-4-A	00-4	6/11/2003	GROUNDWATER	64	70	38	44
RSNW06-A	RSNW06	6/12/2003	GROUNDWATER				

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
SED = Sample End Depth, measured in feet bgs
BWTS = Depth below water table, start depth, measured in feet
BWTE = Depth below water table, end depth, measured in feet

**TABLE 2
SAMPLING PROGRESS
06/08/2003 - 06/14/2003**

OGDEN_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W02-04M1A	02-04	6/13/2003	GROUNDWATER	123	133	73.97	83.97
W02-04M2A	02-04	6/13/2003	GROUNDWATER	98	108	48.93	58.93
W02-04M3A	02-04	6/13/2003	GROUNDWATER	83	93	34.01	44.01
W02-13M1A	02-13	6/10/2003	GROUNDWATER	98	108	58.33	68.33
W02-13M2A	02-13	6/10/2003	GROUNDWATER	83	93	44.2	54.2
W02-13M2D	02-13	6/10/2003	GROUNDWATER	83	93	44.2	54.2
W02-13M3A	02-13	6/10/2003	GROUNDWATER	68	78	28.3	38.3
W05SSA	MW-05	6/13/2003	GROUNDWATER	119	129	7	17
W103M1A	MW-103	6/13/2003	GROUNDWATER	298	308	156	166
W103M2A	MW-103	6/13/2003	GROUNDWATER	282	292	140	150
W108DDA	MW-108	6/12/2003	GROUNDWATER	317	327	153	163
W140M1A	MW-140	6/10/2003	GROUNDWATER	107.5	117	19	29
W144M2A	MW-144	6/9/2003	GROUNDWATER	130	140	109	119
W144M2D	MW-144	6/9/2003	GROUNDWATER	130	140	109	119
W144SSA	MW-144	6/10/2003	GROUNDWATER	26	36	5	15
W145SSA	MW-145	6/11/2003	GROUNDWATER	30	40	0	10
W149M1A	MW-149	6/9/2003	GROUNDWATER	237.5	247.5	136	146
W149SSA	MW-149	6/9/2003	GROUNDWATER	105.5	115.5	4	14
W158M2A	MW-158	6/9/2003	GROUNDWATER	124.5	134.5	37	47
W158M2A-QA	MW-158	6/9/2003	GROUNDWATER	124.5	134.5	37	47
W158SSA	MW-158	6/9/2003	GROUNDWATER	89	99	2	12
W158SSA-QA	MW-158	6/9/2003	GROUNDWATER	89	99	2	12
W178M1A	MW-178	6/10/2003	GROUNDWATER	257	267	117	127
W178M2A	MW-178	6/10/2003	GROUNDWATER	167	177	27	37
W180M2A	MW-180	6/11/2003	GROUNDWATER	195	205	34.5	44.5
W180M3A	MW-180	6/11/2003	GROUNDWATER	171	181	10.3	20.3
W180M3D	MW-180	6/11/2003	GROUNDWATER	171	181	10.3	20.3
W203M1A	MW-203	6/13/2003	GROUNDWATER	166	176	17.5	27.5
W203M1D	MW-203	6/13/2003	GROUNDWATER	166	176	17.5	27.5
W205DDA	MW-205	6/12/2003	GROUNDWATER	266	276	167.6	177.6
W205M1A	MW-205	6/13/2003	GROUNDWATER	167	177	67.6	77.6
W209M1A	MW-209	6/12/2003	GROUNDWATER	240	250	121	131
W209M2A	MW-209	6/12/2003	GROUNDWATER	220	230	110	120
W212M1A	MW-212	6/10/2003	GROUNDWATER	333	343	125.6	135.6

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
SED = Sample End Depth, measured in feet bgs
BWTS = Depth below water table, start depth, measured in feet
BWTE = Depth below water table, end depth, measured in feet

**TABLE 2
SAMPLING PROGRESS
06/08/2003 - 06/14/2003**

OGDEN_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W212M2A	MW-212	6/11/2003	GROUNDWATER	308	318	98.6	108.6
W231M3A	MW-231	6/12/2003	GROUNDWATER	115	125	8.27	18.27
W231M3A	MW-231	6/12/2003	GROUNDWATER	115	125	8.27	18.27
W240M2A	MW-240	6/12/2003	GROUNDWATER	125	135	26.45	36.45
W240M2D	MW-240	6/12/2003	GROUNDWATER	125	135	26.45	36.45
W240M3A	MW-240	6/12/2003	GROUNDWATER	105	115	6.45	16.45
W258M1A	MW-258	6/12/2003	GROUNDWATER	109	119	64.1	74.1
W258M2A	MW-258	6/12/2003	GROUNDWATER	87	92	42.2	47.2
W258M3A	MW-258	6/12/2003	GROUNDWATER	77	82	32.25	37.25
W45M1A	MW-45	6/9/2003	GROUNDWATER	190	200	98	108
W45M2A	MW-45	6/9/2003	GROUNDWATER	110	120	18	28
W45SSA	MW-45	6/9/2003	GROUNDWATER	89	99	0	10
W45SSL	MW-45	6/9/2003	GROUNDWATER	89	99	0	10
W71M1A	MW-71	6/11/2003	GROUNDWATER	180	190	22	32
W80DDA	MW-80	6/10/2003	GROUNDWATER	158	168	114	124
W80M1A	MW-80	6/10/2003	GROUNDWATER	130	140	86	96
W80M1D	MW-80	6/10/2003	GROUNDWATER	130	140	86	96
W80M2A	MW-80	6/11/2003	GROUNDWATER	100	110	56	66
W80M3A	MW-80	6/11/2003	GROUNDWATER	70	80	26	36
W80SSA	MW-80	6/11/2003	GROUNDWATER	43	53	0	10
G272DBA	MW-272	6/9/2003	PROFILE	110	110	15.5	15.5
G272DCA	MW-272	6/9/2003	PROFILE	120	120	25.5	25.5
G272DDA	MW-272	6/9/2003	PROFILE	130	130	35.5	35.5
G272DEA	MW-272	6/10/2003	PROFILE	140	140	45.5	45.5
G272DFA	MW-272	6/10/2003	PROFILE	150	150	55.5	55.5
G272DGA	MW-272	6/11/2003	PROFILE	160	160	65.5	65.5
G272DHA	MW-272	6/11/2003	PROFILE	170	170	75.5	75.5
G272DIA	MW-272	6/11/2003	PROFILE	180	180	85.5	85.5
G272DJA	MW-272	6/11/2003	PROFILE	190	190	95.5	95.5
G272DKA	MW-272	6/11/2003	PROFILE	200	200	105.5	105.5
G272DLA	MW-272	6/11/2003	PROFILE	210	210	115.5	115.5
G276DSA	MW-276	6/9/2003	PROFILE	370	370	186.65	186.65
G277DDA	MW-277	6/9/2003	PROFILE	140	140	33.9	33.9
G277DEA	MW-277	6/9/2003	PROFILE	150	150	43.9	43.9

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
SED = Sample End Depth, measured in feet bgs
BWTS = Depth below water table, start depth, measured in feet
BWTE = Depth below water table, end depth, measured in feet

**TABLE 2
SAMPLING PROGRESS
06/08/2003 - 06/14/2003**

OGDEN_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
G277DGA	MW-277	6/11/2003	PROFILE	170	170	63.9	63.9
G277DHA	MW-277	6/11/2003	PROFILE	180	180	73.9	73.9
G277DIA	MW-277	6/11/2003	PROFILE	190	190	83.9	83.9
G277DJA	MW-277	6/11/2003	PROFILE	200	200	93.9	93.9
G277DKA	MW-277	6/11/2003	PROFILE	210	210	103.9	103.9
G277DLA	MW-277	6/12/2003	PROFILE	220	220	113.9	113.9
G277DMA	MW-277	6/12/2003	PROFILE	230	230	123.9	123.9
G277DNA	MW-277	6/12/2003	PROFILE	240	240	133.9	133.9
G277DOA	MW-277	6/12/2003	PROFILE	248	248	141.9	141.9
HC198EG1AAA	198E	6/11/2003	SOIL GRID	0	0.25		
HC198EG1BAA	198E	6/11/2003	SOIL GRID	0.25	0.5		
HC198EG1CAA	198E	6/11/2003	SOIL GRID	0.5	1		
HC198EK1AAA	198E	6/13/2003	SOIL GRID	0	0.25		
HC198EK1AAD	198E	6/13/2003	SOIL GRID	0	0.25		
HC198EK1BAA	198E	6/13/2003	SOIL GRID	0.25	0.5		
HC198EK1BAD	198E	6/13/2003	SOIL GRID	0.25	0.5		
HC198EK1CAA	198E	6/13/2003	SOIL GRID	0.5	1		
HC198FF1AAA	198F	6/10/2003	SOIL GRID	0	0.25		
HC198FF1BAA	198F	6/10/2003	SOIL GRID	0.25	0.5		
HC198FF1CAA	198F	6/10/2003	SOIL GRID	0.5	1		
HC198FK1AAA	198F	6/13/2003	SOIL GRID	0	0.25		
HC198FK1BAA	198F	6/13/2003	SOIL GRID	0.25	0.5		
HC198FK1CAA	198F	6/13/2003	SOIL GRID	0.5	1		
HC198GE1AAA	198G	6/10/2003	SOIL GRID	0	0.25		
HC198GE1AAD	198G	6/10/2003	SOIL GRID	0	0.25		
HC198GE1BAA	198G	6/10/2003	SOIL GRID	0.25	0.5		
HC198GE1BAD	198G	6/10/2003	SOIL GRID	0.25	0.5		
HC198GE1CAA	198G	6/10/2003	SOIL GRID	0.5	1		
HC198GF1AAA	198G	6/11/2003	SOIL GRID	0	0.25		
HC198GF1BAA	198G	6/11/2003	SOIL GRID	0.25	0.5		
HC198GF1CAA	198G	6/11/2003	SOIL GRID	0.5	1		
HC198GG1AAA	198G	6/11/2003	SOIL GRID	0	0.25		
HC198GG1BAA	198G	6/11/2003	SOIL GRID	0.25	0.5		
HC198GG1CAA	198G	6/11/2003	SOIL GRID	0.5	1		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
SED = Sample End Depth, measured in feet bgs
BWTS = Depth below water table, start depth, measured in feet
BWTE = Depth below water table, end depth, measured in feet

**TABLE 2
SAMPLING PROGRESS
06/08/2003 - 06/14/2003**

OGDEN_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
HC198GK1AAA	198G	6/12/2003	SOIL GRID	0	0.25		
HC198GK1BAA	198G	6/12/2003	SOIL GRID	0.25	0.5		
HC198GK1CAA	198G	6/12/2003	SOIL GRID	0.5	1		
HC198HG1AAA	198H	6/11/2003	SOIL GRID	0	0.25		
HC198HG1AAD	198H	6/11/2003	SOIL GRID	0	0.25		
HC198HG1BAA	198H	6/11/2003	SOIL GRID	0.25	0.5		
HC198HG1BAD	198H	6/11/2003	SOIL GRID	0.25	0.5		
HC198HG1CAA	198H	6/11/2003	SOIL GRID	0.5	1		
HC198HL1AAA	198H	6/12/2003	SOIL GRID	0	0.25		
HC198HL1BAA	198H	6/12/2003	SOIL GRID	0.25	0.5		
HC198HL1CAA	198H	6/12/2003	SOIL GRID	0.5	1		
HC198HO1AAA	198H	6/9/2003	SOIL GRID	0	0.25		
HC198HO1BAA	198H	6/9/2003	SOIL GRID	0.25	0.5		
HC198HO1CAA	198H	6/9/2003	SOIL GRID	0.5	1		
HC198IJ1AAA	198I	6/12/2003	SOIL GRID	0	0.25		
HC198IJ1BAA	198I	6/12/2003	SOIL GRID	0.25	0.5		
HC198IJ1CAA	198I	6/12/2003	SOIL GRID	0.5	1		
HD198EG2BAA	198E	6/11/2003	SOIL GRID	0.25	0.5		
HD198EG3CAA	198E	6/11/2003	SOIL GRID	0.5	1		
HD198EK1AAA	198E	6/13/2003	SOIL GRID	0	0.25		
HD198EK1AAD	198E	6/13/2003	SOIL GRID	0	0.25		
HD198EK1BAA	198E	6/13/2003	SOIL GRID	0.25	0.5		
HD198EK1BAD	198E	6/13/2003	SOIL GRID	0.25	0.5		
HD198EK1CAA	198E	6/13/2003	SOIL GRID	0.5	1		
HD198EK2BAA	198E	6/13/2003	SOIL GRID	0.25	0.5		
HD198EK2BAD	198E	6/13/2003	SOIL GRID	0.25	0.5		
HD198EK2CAA	198E	6/13/2003	SOIL GRID	0.5	1		
HD198FF3CAA	198F	6/10/2003	SOIL GRID	0.5	1		
HD198FF4AAA	198F	6/10/2003	SOIL GRID	0	0.25		
HD198FF4BAA	198F	6/10/2003	SOIL GRID	0.25	0.5		
HD198FF4CAA	198F	6/10/2003	SOIL GRID	0.5	1		
HD198FF5BAA	198F	6/10/2003	SOIL GRID	0.25	0.5		
HD198FK1BAA	198F	6/13/2003	SOIL GRID	0.25	0.5		
HD198FK2CAA	198F	6/13/2003	SOIL GRID	0.5	1		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
SED = Sample End Depth, measured in feet bgs
BWTS = Depth below water table, start depth, measured in feet
BWTE = Depth below water table, end depth, measured in feet

**TABLE 2
SAMPLING PROGRESS
06/08/2003 - 06/14/2003**

OGDEN_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
HD198FK4AAA	198F	6/13/2003	SOIL GRID	0	0.25		
HD198FK4BAA	198F	6/13/2003	SOIL GRID	0.25	0.5		
HD198FK4CAA	198F	6/13/2003	SOIL GRID	0.5	1		
HD198GE1AAA	198G	6/10/2003	SOIL GRID	0	0.25		
HD198GE1AAD	198G	6/10/2003	SOIL GRID	0	0.25		
HD198GE1CAA	198G	6/10/2003	SOIL GRID	0.5	1		
HD198GE4BAAA	198G	6/10/2003	SOIL GRID	0.25	0.5		
HD198GE4BAA	198G	6/10/2003	SOIL GRID	0.25	0.5		
HD198GF3CAA	198G	6/11/2003	SOIL GRID	0.5	1		
HD198GK2CAA	198G	6/12/2003	SOIL GRID	0.5	1		
HD198GK4AAA	198G	6/12/2003	SOIL GRID	0	0.25		
HD198GK4BAA	198G	6/12/2003	SOIL GRID	0.25	0.5		
HD198GK4CAA	198G	6/12/2003	SOIL GRID	0.5	1		
HD198HG5CAA	198H	6/11/2003	SOIL GRID	0.5	1		
HD198HO1AAA	198H	6/10/2003	SOIL GRID	0	0.25		
HD198IJ2CAA	198I	6/12/2003	SOIL GRID	0.5	1		
LKSNK0005AAA	LKSNK0005	6/10/2003	SURFACE WATER				
LKSNK0006AAA	LKSNK0006	6/10/2003	SURFACE WATER				
LKSNK0007AAA	LKSNK0007	6/10/2003	SURFACE WATER				

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
SED = Sample End Depth, measured in feet bgs
BWTS = Depth below water table, start depth, measured in feet
BWTE = Depth below water table, end depth, measured in feet

**TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 05/16/03 - 06/14/03**

OGDEN_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN ANALYTE	PDA
W02-07M3A	02-07	6/4/2003	GROUNDWATER	47	57	13	23	E314.0	PERCHLORATE	
W263M2A	MW-263	5/22/2003	GROUNDWATER	115	125	8.66	18.66	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W264M1A	MW-264	5/22/2003	GROUNDWATER	192	202	160.94	170.94	8330N	PICRIC ACID	NO
W264M1A	MW-264	5/22/2003	GROUNDWATER	192	202	160.94	170.94	8330N	NITROGLYCERIN	NO
W264M1A	MW-264	5/22/2003	GROUNDWATER	192	202	160.94	170.94	8330N	2,4,6-TRINITROTOLUENE	NO
W264M2A	MW-264	5/22/2003	GROUNDWATER	136	146	105	115	8330N	NITROBENZENE	NO*
W264M2A	MW-264	5/22/2003	GROUNDWATER	136	146	105	115	8330N	TETRYL	NO*
W264M2A	MW-264	5/22/2003	GROUNDWATER	136	146	105	115	8330N	1,3,5-TRINITROBENZENE	NO*
W264M2A	MW-264	5/22/2003	GROUNDWATER	136	146	105	115	8330N	PICRIC ACID	NO*
W264M2A	MW-264	5/22/2003	GROUNDWATER	136	146	105	115	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO*
W264M2A	MW-264	5/22/2003	GROUNDWATER	136	146	105	115	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO*
W264M2A	MW-264	5/22/2003	GROUNDWATER	136	146	105	115	8330N	3-NITROTOLUENE	NO*
W264M2A	MW-264	5/22/2003	GROUNDWATER	136	146	105	115	8330N	NITROGLYCERIN	NO*
W264M2A	MW-264	5/22/2003	GROUNDWATER	136	146	105	115	8330N	2,6-DINITROTOLUENE	NO*
W264M2A	MW-264	5/22/2003	GROUNDWATER	136	146	105	115	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
W264M2A	MW-264	5/22/2003	GROUNDWATER	136	146	105	115	8330N	2,4,6-TRINITROTOLUENE	NO*
W268M1A	MW-268	5/30/2003	GROUNDWATER	97	107	47.75	57.75	8330N	PICRIC ACID	NO
XXM972-A	97-2	5/27/2003	GROUNDWATER	75	85	53	63	E314.0	PERCHLORATE	
XXM975-A	97-5	5/28/2003	GROUNDWATER	84	94	76	86	E314.0	PERCHLORATE	
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	OC21V	CHLOROFORM	
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	OC21V	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 05/16/03 - 06/14/03**

OGDEN ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN ANALYTE	PDA
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	8330N	2-AMINO-4,6-DINITROTOLUENE	YES*
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	8330N	NITROGLYCERIN	NO
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	8330N	PENTAERYTHRITOL TETRANITRATE	NO
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	8330N	4-NITROTOLUENE	NO
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	8330N	2-NITROTOLUENE	NO
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	8330N	PICRIC ACID	NO
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	8330N	2,6-DINITROTOLUENE	YES*
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	8330N	2,4,6-TRINITROTOLUENE	NO*
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	8330N	NITROBENZENE	NO*
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	8330N	TETRYL	NO*
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	8330N	1,3-DINITROBENZENE	NO
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	8330N	1,3,5-TRINITROBENZENE	NO*
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	8330N	2,4-DINITROTOLUENE	YES*
G276DAA	MW-276	5/30/2003	PROFILE	190	190	6.65	6.65	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	NO
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	8330N	2-NITROTOLUENE	NO
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	8330N	NITROGLYCERIN	NO
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	8330N	PENTAERYTHRITOL TETRANITRATE	NO
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	8330N	4-NITROTOLUENE	NO
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	8330N	PICRIC ACID	NO
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	8330N	2,4-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 05/16/03 - 06/14/03**

OGDEN ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN ANALYTE	PDA
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	8330N	2,6-DINITROTOLUENE	NO*
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	8330N	2,4,6-TRINITROTOLUENE	NO
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	8330N	NITROBENZENE	NO*
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	8330N	TETRYL	NO*
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	8330N	3-NITROTOLUENE	NO
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO*
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	8330N	1,3-DINITROBENZENE	NO*
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	OC21V	CHLOROFORM	
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	OC21V	ACETONE	
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	OC21V	BROMOMETHANE	
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	NO
G276DBA	MW-276	5/30/2003	PROFILE	200	200	16.65	16.65	8330N	1,3,5-TRINITROBENZENE	NO*
G276DCA	MW-276	5/30/2003	PROFILE	210	210	26.65	26.65	8330N	1,3-DINITROBENZENE	NO
G276DCA	MW-276	5/30/2003	PROFILE	210	210	26.65	26.65	8330N	1,3,5-TRINITROBENZENE	NO*
G276DCA	MW-276	5/30/2003	PROFILE	210	210	26.65	26.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO
G276DCA	MW-276	5/30/2003	PROFILE	210	210	26.65	26.65	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	NO
G276DCA	MW-276	5/30/2003	PROFILE	210	210	26.65	26.65	8330N	2,4,6-TRINITROTOLUENE	NO*
G276DCA	MW-276	5/30/2003	PROFILE	210	210	26.65	26.65	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G276DCA	MW-276	5/30/2003	PROFILE	210	210	26.65	26.65	8330N	NITROBENZENE	NO*
G276DCA	MW-276	5/30/2003	PROFILE	210	210	26.65	26.65	8330N	NITROGLYCERIN	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 05/16/03 - 06/14/03**

OGDEN ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN ANALYTE	PDA
G276DCA	MW-276	5/30/2003	PROFILE	210	210	26.65	26.65	8330N	PENTAERYTHRITOL TETRANITRATE	NO
G276DCA	MW-276	5/30/2003	PROFILE	210	210	26.65	26.65	8330N	4-NITROTOLUENE	NO*
G276DCA	MW-276	5/30/2003	PROFILE	210	210	26.65	26.65	8330N	2-NITROTOLUENE	NO
G276DCA	MW-276	5/30/2003	PROFILE	210	210	26.65	26.65	8330N	PICRIC ACID	NO
G276DCA	MW-276	5/30/2003	PROFILE	210	210	26.65	26.65	8330N	2,4-DINITROTOLUENE	NO*
G276DCA	MW-276	5/30/2003	PROFILE	210	210	26.65	26.65	8330N	2,6-DINITROTOLUENE	NO*
G276DCA	MW-276	5/30/2003	PROFILE	210	210	26.65	26.65	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G276DCA	MW-276	5/30/2003	PROFILE	210	210	26.65	26.65	OC21V	ACETONE	
G276DCA	MW-276	5/30/2003	PROFILE	210	210	26.65	26.65	OC21V	BROMOMETHANE	
G276DDA	MW-276	5/30/2003	PROFILE	220	220	36.65	36.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO
G276DDA	MW-276	5/30/2003	PROFILE	220	220	36.65	36.65	8330N	NITROGLYCERIN	NO
G276DDA	MW-276	5/30/2003	PROFILE	220	220	36.65	36.65	8330N	PICRIC ACID	NO
G276DDA	MW-276	5/30/2003	PROFILE	220	220	36.65	36.65	8330N	2,4-DINITROTOLUENE	NO*
G276DDA	MW-276	5/30/2003	PROFILE	220	220	36.65	36.65	8330N	2-AMINO-4,6-DINITROTOLUENE	YES*
G276DDA	MW-276	5/30/2003	PROFILE	220	220	36.65	36.65	8330N	2,6-DINITROTOLUENE	NO*
G276DDA	MW-276	5/30/2003	PROFILE	220	220	36.65	36.65	OC21V	CARBON DISULFIDE	
G276DDA	MW-276	5/30/2003	PROFILE	220	220	36.65	36.65	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G276DDA	MW-276	5/30/2003	PROFILE	220	220	36.65	36.65	OC21V	ACETONE	
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	8330N	2,4-DINITROTOLUENE	NO*
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	8330N	NITROGLYCERIN	NO*
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	8330N	PENTAERYTHRITOL TETRANITRATE	NO
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	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 05/16/03 - 06/14/03**

OGDEN ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN ANALYTE	PDA
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	8330N	PICRIC ACID	NO
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	8330N	2,6-DINITROTOLUENE	NO*
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	8330N	2,4,6-TRINITROTOLUENE	NO*
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	8330N	NITROBENZENE	NO*
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	8330N	TETRYL	NO*
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	8330N	1,3-DINITROBENZENE	NO*
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	8330N	2-NITROTOLUENE	NO
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	NO
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	OC21V	ACETONE	
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	8330N	1,3,5-TRINITROBENZENE	NO*
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PENT	
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	OC21V	2-HEXANONE	
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	OC21V	TOLUENE	
G276DEA	MW-276	6/2/2003	PROFILE	230	230	46.65	46.65	OC21V	CHLOROFORM	
G276DFA	MW-276	6/2/2003	PROFILE	240	240	56.65	56.65	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G276DFA	MW-276	6/2/2003	PROFILE	240	240	56.65	56.65	8330N	4-AMINO-2,6-DINITROTOLUENE	NO*
G276DFA	MW-276	6/2/2003	PROFILE	240	240	56.65	56.65	8330N	2,4,6-TRINITROTOLUENE	NO*
G276DFA	MW-276	6/2/2003	PROFILE	240	240	56.65	56.65	8330N	NITROBENZENE	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 05/16/03 - 06/14/03**

OGDEN ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN ANALYTE	PDA
G276DFA	MW-276	6/2/2003	PROFILE	240	240	56.65	56.65	8330N	TETRYL	NO*
G276DFA	MW-276	6/2/2003	PROFILE	240	240	56.65	56.65	8330N	1,3-DINITROBENZENE	NO
G276DFA	MW-276	6/2/2003	PROFILE	240	240	56.65	56.65	8330N	1,3,5-TRINITROBENZENE	NO*
G276DFA	MW-276	6/2/2003	PROFILE	240	240	56.65	56.65	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	NO
G276DFA	MW-276	6/2/2003	PROFILE	240	240	56.65	56.65	8330N	PICRIC ACID	NO
G276DFA	MW-276	6/2/2003	PROFILE	240	240	56.65	56.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO
G276DFA	MW-276	6/2/2003	PROFILE	240	240	56.65	56.65	8330N	2,6-DINITROTOLUENE	NO
G276DFA	MW-276	6/2/2003	PROFILE	240	240	56.65	56.65	8330N	2,4-DINITROTOLUENE	NO*
G276DFA	MW-276	6/2/2003	PROFILE	240	240	56.65	56.65	8330N	NITROGLYCERIN	NO
G276DFA	MW-276	6/2/2003	PROFILE	240	240	56.65	56.65	8330N	PENTAERYTHRITOL TETRANITRATE	NO*
G276DFA	MW-276	6/2/2003	PROFILE	240	240	56.65	56.65	8330N	4-NITROTOLUENE	NO
G276DFA	MW-276	6/2/2003	PROFILE	240	240	56.65	56.65	8330N	2-NITROTOLUENE	NO
G276DFA	MW-276	6/2/2003	PROFILE	240	240	56.65	56.65	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G276DFA	MW-276	6/2/2003	PROFILE	240	240	56.65	56.65	OC21V	ACETONE	
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	OC21V	ACETONE	
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	NO
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	8330N	NITROGLYCERIN	NO
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	8330N	PENTAERYTHRITOL TETRANITRATE	NO*
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	8330N	4-NITROTOLUENE	NO
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	8330N	2-NITROTOLUENE	NO
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	8330N	PICRIC ACID	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 05/16/03 - 06/14/03**

OGDEN ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN ANALYTE	PDA
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	8330N	2,6-DINITROTOLUENE	NO*
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	OC21V	CHLOROFORM	
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	8330N	4-AMINO-2,6-DINITROTOLUENE	NO*
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	8330N	2,4,6-TRINITROTOLUENE	NO*
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	8330N	NITROBENZENE	NO*
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	8330N	TETRYL	NO*
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	8330N	1,3-DINITROBENZENE	NO
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	8330N	1,3,5-TRINITROBENZENE	NO*
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO
G276DGA	MW-276	6/2/2003	PROFILE	250	250	66.65	66.65	8330N	2,4-DINITROTOLUENE	NO*
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	8330N	PICRIC ACID	NO
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	8330N	NITROGLYCERIN	NO
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	8330N	PENTAERYTHRITOL TETRANITRATE	NO*
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	8330N	2-NITROTOLUENE	NO
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	8330N	2,4-DINITROTOLUENE	NO*
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	8330N	2,6-DINITROTOLUENE	NO*
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	8330N	4-AMINO-2,6-DINITROTOLUENE	NO*
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	8330N	2,4,6-TRINITROTOLUENE	NO*
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	8330N	NITROBENZENE	NO*
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	8330N	TETRYL	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 05/16/03 - 06/14/03**

OGDEN ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN ANALYTE	PDA
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	8330N	4-NITROTOLUENE	NO
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	8330N	1,3-DINITROBENZENE	NO
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	NO
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	8330N	1,3,5-TRINITROBENZENE	NO*
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	OC21V	CHLOROFORM	
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G276DHA	MW-276	6/2/2003	PROFILE	260	260	76.65	76.65	OC21V	ACETONE	
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	8330N	1,3-DINITROBENZENE	NO
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	8330N	1,3,5-TRINITROBENZENE	NO*
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	NO
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	8330N	NITROBENZENE	NO*
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	8330N	2,4,6-TRINITROTOLUENE	NO*
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	8330N	3-NITROTOLUENE	NO
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	8330N	TETRYL	NO*
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	8330N	PENTAERYTHRITOL TETRANITRATE	NO*
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	8330N	4-NITROTOLUENE	NO
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	8330N	2-NITROTOLUENE	NO
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	8330N	PICRIC ACID	NO
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	8330N	2,4-DINITROTOLUENE	NO*
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	8330N	2,6-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 05/16/03 - 06/14/03**

OGDEN ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN ANALYTE	PDA
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	8330N	4-AMINO-2,6-DINITROTOLUENE	NO*
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	8330N	NITROGLYCERIN	NO
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	OC21V	CARBON DISULFIDE	
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	OC21V	TOLUENE	
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	OC21V	ACETONE	
G276DJA	MW-276	6/3/2003	PROFILE	280	280	96.65	96.65	OC21V	BENZENE	
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	8330N	4-AMINO-2,6-DINITROTOLUENE	NO*
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	8330N	NITROBENZENE	NO*
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	8330N	TETRYL	NO*
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	8330N	1,3-DINITROBENZENE	NO
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	8330N	1,3,5-TRINITROBENZENE	NO*
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	NO
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	8330N	2,4,6-TRINITROTOLUENE	NO*
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	OC21V	CARBON DISULFIDE	
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	OC21V	ACETONE	
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	OC21V	CHLOROMETHANE	
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	8330N	NITROGLYCERIN	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 05/16/03 - 06/14/03**

OGDEN ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN ANALYTE	PDA
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	8330N	PENTAERYTHRITOL TETRANITRATE	NO*
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	8330N	3-NITROTOLUENE	NO
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	8330N	4-NITROTOLUENE	NO
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	8330N	2-NITROTOLUENE	NO
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	8330N	PICRIC ACID	NO
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	8330N	2,4-DINITROTOLUENE	NO*
G276DKA	MW-276	6/3/2003	PROFILE	290	290	106.65	106.65	8330N	2,6-DINITROTOLUENE	NO*
G276DLA	MW-276	6/4/2003	PROFILE	300	300	116.65	116.65	OC21V	CHLOROFORM	
G276DLA	MW-276	6/4/2003	PROFILE	300	300	116.65	116.65	OC21V	ACETONE	
G276DMA	MW-276	6/4/2003	PROFILE	310	310	126.65	126.65	OC21V	CHLOROFORM	
G276DMA	MW-276	6/4/2003	PROFILE	310	310	126.65	126.65	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G276DMA	MW-276	6/4/2003	PROFILE	310	310	126.65	126.65	8330N	PENTAERYTHRITOL TETRANITRATE	NO*
G276DMA	MW-276	6/4/2003	PROFILE	310	310	126.65	126.65	8330N	NITROBENZENE	NO*
G276DMA	MW-276	6/4/2003	PROFILE	310	310	126.65	126.65	OC21V	ACETONE	
G276DMA	MW-276	6/4/2003	PROFILE	310	310	126.65	126.65	8330N	3-NITROTOLUENE	NO
G276DMA	MW-276	6/4/2003	PROFILE	310	310	126.65	126.65	8330N	4-NITROTOLUENE	NO
G276DMA	MW-276	6/4/2003	PROFILE	310	310	126.65	126.65	8330N	2-NITROTOLUENE	NO
G276DMA	MW-276	6/4/2003	PROFILE	310	310	126.65	126.65	8330N	PICRIC ACID	NO
G276DMA	MW-276	6/4/2003	PROFILE	310	310	126.65	126.65	8330N	2,4-DINITROTOLUENE	NO*
G276DMA	MW-276	6/4/2003	PROFILE	310	310	126.65	126.65	8330N	2,6-DINITROTOLUENE	NO*
G276DMA	MW-276	6/4/2003	PROFILE	310	310	126.65	126.65	8330N	2,4,6-TRINITROTOLUENE	NO*
G276DMA	MW-276	6/4/2003	PROFILE	310	310	126.65	126.65	8330N	TETRYL	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 05/16/03 - 06/14/03**

OGDEN ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN ANALYTE	PDA
G276DMA	MW-276	6/4/2003	PROFILE	310	310	126.65	126.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO
G276DMA	MW-276	6/4/2003	PROFILE	310	310	126.65	126.65	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	NO
G276DMA	MW-276	6/4/2003	PROFILE	310	310	126.65	126.65	8330N	NITROGLYCERIN	NO
G276DMA	MW-276	6/4/2003	PROFILE	310	310	126.65	126.65	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G276DNA	MW-276	6/5/2003	PROFILE	320	320	136.65	136.65	OC21V	CHLOROFORM	
G276DNA	MW-276	6/5/2003	PROFILE	320	320	136.65	136.65	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G276DNA	MW-276	6/5/2003	PROFILE	320	320	136.65	136.65	OC21V	ACETONE	
G276DNA	MW-276	6/5/2003	PROFILE	320	320	136.65	136.65	8330N	NITROGLYCERIN	NO
G276DNA	MW-276	6/5/2003	PROFILE	320	320	136.65	136.65	8330N	PICRIC ACID	NO
G276DNA	MW-276	6/5/2003	PROFILE	320	320	136.65	136.65	8330N	2,4-DINITROTOLUENE	NO*
G276DNA	MW-276	6/5/2003	PROFILE	320	320	136.65	136.65	8330N	2,6-DINITROTOLUENE	NO*
G276DNA	MW-276	6/5/2003	PROFILE	320	320	136.65	136.65	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G276DNA	MW-276	6/5/2003	PROFILE	320	320	136.65	136.65	8330N	4-AMINO-2,6-DINITROTOLUENE	NO*
G276DNA	MW-276	6/5/2003	PROFILE	320	320	136.65	136.65	8330N	1,3-DINITROBENZENE	NO
G276DNA	MW-276	6/5/2003	PROFILE	320	320	136.65	136.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO
G276DNA	MW-276	6/5/2003	PROFILE	320	320	136.65	136.65	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	NO
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	OC21V	BENZENE	
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	OC21V	TOLUENE	
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	OC21V	CHLOROFORM	
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	OC21V	ACETONE	
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	8330N	4-AMINO-2,6-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 05/16/03 - 06/14/03**

OGDEN ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN ANALYTE	PDA
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	8330N	2,4,6-TRINITROTOLUENE	NO*
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	8330N	NITROBENZENE	NO*
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	8330N	TETRYL	NO*
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	8330N	1,3-DINITROBENZENE	NO
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	8330N	1,3,5-TRINITROBENZENE	NO*
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	8330N	2,6-DINITROTOLUENE	NO*
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	NO
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	8330N	2,4-DINITROTOLUENE	NO*
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	8330N	NITROGLYCERIN	NO
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	8330N	PENTAERYTHRITOL TETRANITRATE	NO*
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	8330N	3-NITROTOLUENE	NO
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	8330N	4-NITROTOLUENE	NO
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	8330N	2-NITROTOLUENE	NO
G276DOA	MW-276	6/5/2003	PROFILE	330	330	146.65	146.65	8330N	PICRIC ACID	NO
G276DPA	MW-276	6/5/2003	PROFILE	340	340	156.65	156.65	OC21V	CHLOROMETHANE	
G276DPA	MW-276	6/5/2003	PROFILE	340	340	156.65	156.65	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G276DPA	MW-276	6/5/2003	PROFILE	340	340	156.65	156.65	OC21V	ACETONE	
G276DPA	MW-276	6/5/2003	PROFILE	340	340	156.65	156.65	8330N	4-NITROTOLUENE	NO
G276DPA	MW-276	6/5/2003	PROFILE	340	340	156.65	156.65	8330N	NITROGLYCERIN	NO
G276DPA	MW-276	6/5/2003	PROFILE	340	340	156.65	156.65	8330N	2-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 05/16/03 - 06/14/03**

OGDEN ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN ANALYTE	PDA
G276DPA	MW-276	6/5/2003	PROFILE	340	340	156.65	156.65	8330N	PICRIC ACID	NO
G276DPA	MW-276	6/5/2003	PROFILE	340	340	156.65	156.65	8330N	2,4-DINITROTOLUENE	NO
G276DPA	MW-276	6/5/2003	PROFILE	340	340	156.65	156.65	8330N	2,6-DINITROTOLUENE	NO*
G276DPA	MW-276	6/5/2003	PROFILE	340	340	156.65	156.65	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G276DPA	MW-276	6/5/2003	PROFILE	340	340	156.65	156.65	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G276DPA	MW-276	6/5/2003	PROFILE	340	340	156.65	156.65	8330N	2,4,6-TRINITROTOLUENE	NO*
G276DPA	MW-276	6/5/2003	PROFILE	340	340	156.65	156.65	8330N	NITROBENZENE	NO*
G276DPA	MW-276	6/5/2003	PROFILE	340	340	156.65	156.65	8330N	1,3-DINITROBENZENE	NO
G276DPA	MW-276	6/5/2003	PROFILE	340	340	156.65	156.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO
G276DPA	MW-276	6/5/2003	PROFILE	340	340	156.65	156.65	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	NO
G276DQA	MW-276	6/5/2003	PROFILE	350	350	166.65	166.65	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G276DQA	MW-276	6/5/2003	PROFILE	350	350	166.65	166.65	OC21V	ACETONE	
G276DQA	MW-276	6/5/2003	PROFILE	350	350	166.65	166.65	8330N	2,4-DINITROTOLUENE	NO*
G276DQA	MW-276	6/5/2003	PROFILE	350	350	166.65	166.65	8330N	2,6-DINITROTOLUENE	NO*
G276DQA	MW-276	6/5/2003	PROFILE	350	350	166.65	166.65	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G276DQA	MW-276	6/5/2003	PROFILE	350	350	166.65	166.65	8330N	4-AMINO-2,6-DINITROTOLUENE	NO*
G276DQA	MW-276	6/5/2003	PROFILE	350	350	166.65	166.65	8330N	1,3-DINITROBENZENE	NO
G276DQA	MW-276	6/5/2003	PROFILE	350	350	166.65	166.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO
G276DQA	MW-276	6/5/2003	PROFILE	350	350	166.65	166.65	8330N	2-NITROTOLUENE	NO
G276DQA	MW-276	6/5/2003	PROFILE	350	350	166.65	166.65	8330N	4-NITROTOLUENE	NO
G276DQA	MW-276	6/5/2003	PROFILE	350	350	166.65	166.65	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	NO
G276DQA	MW-276	6/5/2003	PROFILE	350	350	166.65	166.65	8330N	PICRIC ACID	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 05/16/03 - 06/14/03**

OGDEN ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN ANALYTE	PDA
G276DQA	MW-276	6/5/2003	PROFILE	350	350	166.65	166.65	8330N	NITROGLYCERIN	NO
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	OC21V	ACETONE	
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	OC21V	TOLUENE	
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	OC21V	CARBON DISULFIDE	
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	8330N	NITROGLYCERIN	NO
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	8330N	PENTAERYTHRITOL TETRANITRATE	NO
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	8330N	4-NITROTOLUENE	NO
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	8330N	2-NITROTOLUENE	NO
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	8330N	PICRIC ACID	NO
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	8330N	2,4-DINITROTOLUENE	NO*
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	8330N	2,4,6-TRINITROTOLUENE	NO*
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	8330N	NITROBENZENE	NO*
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	8330N	1,3-DINITROBENZENE	NO
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	8330N	1,3,5-TRINITROBENZENE	NO
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	NO
G276DRA	MW-276	6/6/2003	PROFILE	360	360	176.65	176.65	8330N	2,6-DINITROTOLUENE	NO*
G276DSA	MW-276	6/9/2003	PROFILE	370	370	186.65	186.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO
G276DSA	MW-276	6/9/2003	PROFILE	370	370	186.65	186.65	8330N	1,3-DINITROBENZENE	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 05/16/03 - 06/14/03**

OGDEN ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN ANALYTE	PDA
G276DSA	MW-276	6/9/2003	PROFILE	370	370	186.65	186.65	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	NO
G276DSA	MW-276	6/9/2003	PROFILE	370	370	186.65	186.65	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G276DSA	MW-276	6/9/2003	PROFILE	370	370	186.65	186.65	OC21V	ACETONE	
G276DSA	MW-276	6/9/2003	PROFILE	370	370	186.65	186.65	8330N	NITROGLYCERIN	NO
G276DSA	MW-276	6/9/2003	PROFILE	370	370	186.65	186.65	8330N	PICRIC ACID	NO
G276DSA	MW-276	6/9/2003	PROFILE	370	370	186.65	186.65	8330N	2,4-DINITROTOLUENE	NO*
G276DSA	MW-276	6/9/2003	PROFILE	370	370	186.65	186.65	8330N	2-AMINO-4,6-DINITROTOLUENE	NO*
G276DSA	MW-276	6/9/2003	PROFILE	370	370	186.65	186.65	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G276DSA	MW-276	6/9/2003	PROFILE	370	370	186.65	186.65	8330N	NITROBENZENE	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