WEEKLY PROGRESS UPDATE
FOR SEPTEMBER 8 – SEPTEMBER 12, 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 September 8 through September 12, 2003.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of September 12 is summarized in Table 1.

Table 1. Drilling progress as of September 12, 2003

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-282	Western Boundary (CBP-6)	270	82	
MW-286	J-1 Range (J1P-19)	210	86	
MW-321	J-2 Range (J2P-18)	326	230	

bgs = below ground surface
bwt = below water table

Completed drilling of MW-321 (J2P-18), continued drilling of MW-282 (CBP-6), and commenced drilling of MW-286 (J1P-19). 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-282, MW-286, and MW-321. Groundwater samples were collected from Bourne water supply and monitoring wells, recently installed wells, as part of the Site-Wide Perchlorate Characterization and as part of the August round of the Draft 2003 Long-Term Groundwater Monitoring Plan. An investigation-derived waste (IDW) sample was collected from the Granular Activated Carbon (GAC) treatment system.

The following are the notes from the September 11, 2003 Technical Team meeting of the Impact Area Groundwater Study Program office at Camp Edwards:

Participants

Mike Dette (AEC)	Ben Gregson (IAGWSPO)	Tina Dolen (IAGWSPO)
Dave Hill (IAGWSPO)	Bill Gallagher (IAGWSPO)	Paul Nixon (IAGWSPO)
LTC Bill FitzPatrick (E&RC)	Todd Borci (EPA)	Meghan Cassidy (EPA)
Bob Lim (EPA)	Jane Dolan (EPA)	Jim Murphy (EPA)
Len Pinaud (MADEP)	Mark Panni (MADEP)	Dave Williams (MDPH)
Gina Kaso (ACE)	Darrell Deleppo (ACE)	Frank Fedele (ACE)
Ed Wise (ACE)	Heather Sullivan (ACE)	Katarzyna Chelkowska (ACE)
Dave Margolis (ACE)	Rob Foti (ACE)	Nick Iaiennaro (ACE)
Darrin Smith (ACE)	Kim Harriz (AMEC)	Paul Hunt (ECC)
Dick Skryness (ECC)	Darren Smith (ECC)	Mike Goydas (Jacobs)
Larry Pannell (Jacobs)	Kevin Hood (Univ. Conn)	Mike Minior (AFCEE)

Punchlist Items

#1 Provide update for sampling PZ211 (ACE). Piezometer has been found and is scheduled to be sampled today.

#2 Provide dates for submittals of Rev. J-1, J-2 and J-3 Ranges Supplemental Soil Workplans (ACE). J-1 and J-2 Workplan submitted. Letter proposal sent out for J-3 Range.

#3 Provide date for submittals of J-2 Range RRA Work Plan (ACE). Plan to be submitted on or about 9/19.

#4 Provide date for sampling J-1 Range private well (ACE). Letter has been drafted to the homeowner requesting permission to sample, to be sent today. Agencies will be cc'ed.

#5 Initiate planning to place a monitoring well in the vicinity of well 4036011 (ACE). Len Pinaud (MADEP) drafted a letter requesting access to resample well 4036011. Bill Gallagher (IAGWSPO) drafted a letter to the Regional Technical Scholl requesting access to their property to install a well. The IAGWSPO agreed, at Todd Borci's (EPA) request, to draft a similar letter requesting access to Schooner Pass Condominium property to install a monitoring well.

August ASR Update

Ed Wise (ACE) provided a summary of on-going ASR activities, distributing a one-page handout summarizing activities conducted in August.

- ASR-related tasks are being wrapped up this month.
- The Witness Summary Table is being updated with information from the interviews with Witnesses 69-74. Summaries of these interviews were distributed by email this morning.
- To date, no comments have been received from EPA on the ASR Report. If any comments are received the Guard/Corps will work out how they can be addressed.

Fieldwork Update

Rob Foti (ACE) provided an update on the IAGWSP fieldwork.

- Currently drilling at J1P-19 (MW-286).
- Completed drilling at J2P-18 (MW-321). Jacobs was using prefix of WL instead of MW for the well numbers. Todd Borci requested that the necessity of using a different well prefix be looked into by the IAGWSPO. Screen setting call to be arranged for Friday morning, 9/12.
- LP-12 is next well to be drilled.
- J2P-20 (MW-289) was developed and will be sampled shortly.
- PZ211 is scheduled to be sampled today. It has a 30-foot screen, extending from 80-110 ft bgs. Three samples will be collected, one from each 10 foot interval along the screen.
- The elevation survey of the SE Ranges wells is 75% complete. Surveyors have completed the Impact Area wells.
- UXO clearance of the J-3 Range Roads is being conducted. A site walk is being scheduled to resolve comments on the J-3 Range Workplan.
- UXO clearance was completed for Turpentine Road, south of Wheelock Rd. The road is being improved.
- A table of findings from the anomaly excavation at the J-3 Range Hillside site was distributed.

ROA Status/Drilling Schedule

Heather Sullivan (ACE) provided an update on the ROA status and drilling schedule, distributing a 1-page drilling schedule and 3-page ROA status table.

- The drilling rig schedule indicates that Drill Rig 2 will complete a well at WS4P-5 and move on to drill CBP-7. Drill Rig 3 is demobbing for maintenance. Drill Rig 4 is drilling J1P-19 and will move on to drill J3P-32. Drill Rig 5 is currently drilling CBP-7 and may be replaced by Rig 3 when it returns from being serviced.
- ROA approvals were recently received for J1P-22, J3P-33, LP-7.

- ROA for NWP-6 received NStar approval and can move forward.
- ROA was submitted for the J-2 Range Target Control Pit Investigation.

Demo Area 1 Anomaly Removal

Frank Fedele (ACE) provided a summary of progress on the Demo 1 Anomaly Removal, distributing a figure of Demo 1 overlain with a 5 row by 9 column grid (45 grid cells numbered A1 to 9E).

- As shown on the figure, 18 of 45 grid cells have been cleared to date. Currently UXO crews are working on grid cells E4 and E8. Five of the 18 completed grid cells have been QAed by the Army Corps. Approximately 12,000 anomalies have been removed to date.
- On 9/12, a suspected burn area was discovered at cell A5. This suspected burn pit will be addressed outside of the anomaly removal program.
- 3.5-inch Projectiles, white phosphorus rounds, were uncovered at cells C3 and D3. These rounds were BIPed. Pre- and post-BIP samples were collected.
- Findings information was provided in the weekly update email. Significant findings have included 3.5-inch rockets, small arms, block of C-4, and a ¼ lb TNT demo charge.

Northwest Corner Update

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

- MW-284 has been developed and will be sampled on 9/12.
- MW-283 development was started and completed on 9/9.
- NWP-6 location is finalized and has been added to the drilling schedule.
- Perchlorate and explosive analytical results were validated for Water Supply Well 4036011. Perchlorate was 0.4 ppb; explosives were non detect. RDX was seen at a concentration below the reporting limit for RDX.
- The revised perchlorate plume map was distributed, which incorporated the bulk of EPA changes with a couple exceptions. The well symbol colors for MW-277, MW-278, MW-279 were not changed pending receipt of the validated data that should be available by the IART. The greater than 18 ppb contour was extended one tenth of the way from MW-278 toward MW-270, based on the assumption that there is an even concentration gradient between these two wells. Explosives detections at 4036011 and RSNW06 were depicted on a separate figure, which was also distributed.
- A groundwater contour map based on the July synoptic water level survey was distributed. This map shows groundwater flow approximately 15 degrees north of the direction indicated in the regional model. The IAGWSPO has requested AMEC begin working on a subregional model for the Northwest Corner.
- Mr. Gallagher made another attempt to talk to the property owner regarding sampling RSNW02. Although contact was made, the property owner refused to speak about the matter.
- Todd Borci requested a time of travel be provided for MW-279.

Documents and Schedules

Heather Sullivan (ACE) reviewed general document and scheduling issues.

- Final MORs for several SE Ranges documents have been sent out.
- Received comments on RCL for the Central Impact Area Focused Investigations, a CRM may not be needed.
- Of highest priority are MADEP comments on the Demo 1 Groundwater RRA Plan and the Groundwater Report Addendum.
- Within the next couple weeks the Army/NGB will be submitting the Ecological Risk Report for Demo Area 1 and RRA Plans for the Central Impact Area and J-2 Range. The Demo 1 Soil Treatment Plan should be received today.

Follow-up Actions to J2P-20 (MW-289)

Mike Goydas (Jacobs Engineering) led a discussion on the steps to identify additional monitoring well locations downgradient of MW-289, distributing a handout showing the proposed sequence of activities to complete well selection and a figure showing the J-2 Range study area and observed water table configurations.

- The sequence of activities in identifying downgradient well locations and completion dates for these activities is as follows:
  - Complete Analysis of Data from J2P-18 (complete by 9/12)
  - Complete Synoptic Well Elevation Survey (complete by 9/19)
  - Conduct Analysis of Head Data (complete by 9/24)
  - Revise Subregional Model (complete by 10/8)
  - Conduct Particle Tracking/Source Simulation (complete by 10/10)
  - Recommend additional J-2 Range well locations (on 10/13).
- The figure was provided to show the current amount of uncertainty in the migration path of a perchlorate plume downgradient of MW-289. The perchlorate plume was assumed to be present somewhere within the green fan-shaped area (called the preliminary study area) extending from the well to beyond Jefferson Road. The preliminary study area was approximately ½ mile wide at Jefferson Road. The figure also provided groundwater contours based on synoptic data from 2000, 2002, and 2003. And particle tracks based on the southeast subregional model and the 2003 regional model that showed particles from the well tracking northeast and north respectively. The particle tracks based on the two different models are approximately 1600 feet apart at Jefferson Road. These differences are an affect of differences in the top of the mound predicted in the two models.
- The proposed activities are being conducted to narrow the study area, and decrease the uncertainty of where the next well should be placed. Jane Dolan (EPA) inquired as to how much refinement could be expected based on this evaluation. Mr. Goydas indicated that the refinement should be significant.
- Todd Borci requested information on data from MW-5 and MW-11 located to the west of the defined study area and asked for confirmation that there was a well located in the middle of the area as depicted on the figure.
- Mr. Borci further expressed EPA's concern regarding the schedule for getting proposed well locations. Of particular concern was that once well locations were selected, the schedule was further impacted by a minimum 30-day approval period for the ROA. The agencies requested that the entire length along Wood Road within the swath be evaluated for potential well installation. The Army/Guard agreed to look at three 200 to 300-foot swaths along Wood Road, one at each end of the study area and one in the middle, in an attempt to get a general approval to install wells at any specific location along the swath. Dave Hill (IAGWSPO) to talk to Karen Wilson (IAGWSPO) regarding these areas and also discuss possibilities for Jefferson Road.

J-3 Range Demolition Area (Burn Box/Detonation Pit) Plume RRA Feasibility Assessment

Mike Goydas (Jacobs Engineering) led a discussion on the assessment of the feasibility of using the FS-12 Treatment System to capture the J-3 Range groundwater plume, distributing a handout outlining the steps for this process and status of the assessment.

- MADEP requested that Mike Minior (AFCEE) be invited to future discussions regarding use of the FS-12 Treatment System, at which point Mr. Minior joined the meeting.
- The assessment consists of the following steps:
  - Assess plume capture requirements
  - Evaluate FS-12 wellfield flexibility to capture plumes
  - Evaluate FS-12 piping and plant hydraulic flexibility/limitations
  - Evaluate treatment train requirements

  - Evaluate potential impacts on FS-12 wellfield and plant performance
  - Verify no ecological threshold exceedances
  - Perform ARAR review
  - Make Go/No GO decision on use of FS-12 Treatment system
  - Submit Technical Memorandum
- So far the fate and transport model for the J-3 plumes have been calibrated; 3D plume shells have been developed for RDX and perchlorate; and 20 fate and transport remedial strategy simulations have been conducted to test the requirements to capture the plumes. These simulations will be available for EPA in the future.
- To Jane Dolan's inquiry, Mr. Goydas indicated that significant operational constraints and the potential for ecological impacts would make it very difficult to capture the groundwater beneath Snake Pond, although this possibility was still being evaluated.
- Mr. Goydas indicated extraction wells 1, 2, and 3 located to the west of the Pond, but not currently being used, were being considered in the evaluation.
- Henry Cui (MADEP) indicated the Army/Guard would need to take into consideration changes that would be made in the near future for the system based on the reduction of the FS-12 plume to about ½ of its original size. Mr. Goydas indicated these system changes were being considered.
- Dave Margolis (ACE) indicated a schedule for completion of the steps would be provided early the Week of September 15, tentatively by 9/16.

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:

<u>Bourne Area</u>

- Groundwater samples from 02-13M2 had a detection of perchlorate. The result was similar to the previous sampling rounds.

Southeast Ranges

- Groundwater samples from MW-264M1 and M2 had detections of explosives. Of the detected compounds only RDX and 4A-DNT were confirmed by PDA spectra, but with interference. These are the first detections of RDX and 4A-DNT in these wells.

- Profile samples from MW-289 (J2P-20) had detections of explosives and perchlorate. Perchlorate was detected in 14 intervals, between 39 and 239 feet below water table (ft bwt). Of the explosive compounds, RDX was detected and confirmed by PDA spectra in six intervals between 9 and 79 ft bwt and HMX was detected and confirmed by PDA spectra in three intervals between 39 and 79 ft bwt. TNT, 2,4-DNT, 2,6-DNT, 2-nitrotoluene, and 3-nitrotoluene were detected and confirmed by PDA spectra, but with interference. Well screens were set at the depth (4 to 14 ft bwt) corresponding to the shallowest RDX detection, at the depth (61 to 71 ft bwt) corresponding to the highest RDX and perchlorate detections, and at the depth (204 to 214 ft bwt) of the highest of the deeper perchlorate detections.

- Profile samples from MW-321 (J2P-18) had detections of explosives and perchlorate. Perchlorate was detected in seven intervals between 24 and 84 ft bwt and at 194 ft bwt. Of the explosive compounds, 2,6-DNT and 3-nitrotoluene were detected and confirmed by PDA spectra, but with interference. Well screens were set at the depth (59 to 69 ft bwt) corresponding to the highest perchlorate detections at MW-289 and at the depth (186 to 196 ft bwt) corresponding to the deepest perchlorate detections at MW-321.

Northwest Corner

- Groundwater samples from well 4036009DC and RSNW03 had detections of perchlorate. The results were similar to the previous sampling rounds.

- Groundwater samples from RSNW01 had a detection of perchlorate. This is the first detection of perchlorate in this residential well.

- Groundwater samples from RSNW06 had detections of perchlorate and RDX. The results were similar to the previous sampling rounds.

DELIVERABLES SUBMITTED

Weekly Progress Update for August 25 – August 29, 2003	09/08/2003
Munitions Survey Program Phase 3 (MSP3) Final J-3 Range Polygon Investigation Report	09/08/2003
MSP3 Final Former K Range Supplemental Investigation Work Plan	09/09/2003
Monthly Progress Report for August 2003	09/09/2003
MSP3 Final Subcaliber Aircraft Rocket Site (SCAR) Geophysical Investigation Report	09/10/2003
MSP3 Final N Range Geophysical Survey and Investigation Report	09/12/2003
Weekly Progress Update for September 1 – September 5, 2003	09/12/2003

3. SCHEDULED ACTIONS

Scheduled actions for the week of September 15 include complete well installation at MW-321 (J2P-18), and complete drilling at MW-282 (CBP-6) and MW-286 (J1P-19). 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 will also continue.

4. SUMMARY OF ACTIVITIES FOR DEMO AREA 1

The IAGWSP is awaiting EPA and DEP comments on the Draft Groundwater Report Addendum for the Demo 1 Groundwater Operable Unit (OU). Modeling activities in support of the Feasibility Study (FS) are currently underway. EPA comments on the Groundwater RRA Plan, which was submitted on July 7, 2003, were received on September 3, 2003. DEP comments are expected shortly. Geophysical anomaly excavation and removal within the Demo 1 depression continues. EPA comments on the RCL for the Soil OU RRA were received on September 10, 2003. DEP comments are expected shortly.

TABLE 2
SAMPLING PROGRESS
09/07/2003 - 09/13/2003

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
4036000-01G-A	4036000-01G	09/08/2003	GROUNDWATER	38	69.8	6	12
4036000-03G-A	4036000-03G	09/08/2003	GROUNDWATER	50	60	6	12
4036000-04G-A	4036000-04G	09/08/2003	GROUNDWATER	54.6	64.6	6	12
4036000-06G-A	4036000-06G	09/08/2003	GROUNDWATER	108	128	6	12
58MW0005E-A	58MW0005E	09/11/2003	GROUNDWATER	115	125	0	10
58MW0005E-D	58MW0005E	09/11/2003	GROUNDWATER	115	125	0	10
90MW0019-A	90MW0019	09/11/2003	GROUNDWATER	161	166	78	83
90MW0038-A	90MW0038	09/11/2003	GROUNDWATER	94.75	99.62	29	34
90PZ0211A-A	90PZ0211	09/11/2003	GROUNDWATER	80	110	73.66	103.66
90PZ0211B-A	90PZ0211	09/11/2003	GROUNDWATER	80	110	73.66	103.66
90PZ0211B-D	90PZ0211	09/11/2003	GROUNDWATER	80	110	73.66	103.66
90PZ0211C-A	90PZ0211	09/11/2003	GROUNDWATER	80	110	73.66	103.66
90WT0013-A	90WT0013	09/08/2003	GROUNDWATER	92	102	0	10
LRMW0003-A	LRMW0003	09/10/2003	GROUNDWATER	95	105	69.68	94.68
M-3B-A	M-3	09/09/2003	GROUNDWATER	65	65	6.8	6.8
M-3C-A	M-3	09/09/2003	GROUNDWATER	75	75	16.8	16.8
M-3C-D	M-3	09/09/2003	GROUNDWATER	75	75	16.8	16.8
M-3D-A	M-3	09/09/2003	GROUNDWATER	85	85	26.8	26.8
M-6B-A	M-6	09/09/2003	GROUNDWATER	59	59	7.3	7.3
M-6C-A	M-6	09/09/2003	GROUNDWATER	69	69	17.3	17.3
M-6D-A	M-6	09/09/2003	GROUNDWATER	79	79	27.3	27.3
TW1-88B-A	1-88	09/08/2003	GROUNDWATER	105.5	105.5	69.6	69.6
W02-07M1A	02-07	09/09/2003	GROUNDWATER	135	145	101.14	111.14
W02-07M2A	02-07	09/09/2003	GROUNDWATER	107	117	72.86	82.86
W02-07M3A	02-07	09/09/2003	GROUNDWATER	47	57	13	23
W02-12M1A	02-12	09/08/2003	GROUNDWATER	109	119	58.35	68.35
W02-12M2A	02-12	09/08/2003	GROUNDWATER	94	104	43.21	53.21
W02-12M3A	02-12	09/08/2003	GROUNDWATER	79	89	28.22	38.22
W02-13M1A	02-13	09/08/2003	GROUNDWATER	98	108	58.33	68.33
W02-13M1D	02-13	09/08/2003	GROUNDWATER	98	108	58.33	68.33
W02-13M2A	02-13	09/08/2003	GROUNDWATER	83	93	44.2	54.2
W02-13M3A	02-13	09/08/2003	GROUNDWATER	68	78	28.3	38.3
W120SSA	MW-120	09/12/2003	GROUNDWATER	103	113	0	10
W128SSA	MW-128	09/11/2003	GROUNDWATER	87	97	0	10
W12SSA	MW-12	09/12/2003	GROUNDWATER	96.7	106.7	0	10
W131SSA	MW-131	09/11/2003	GROUNDWATER	96	106	0	10
W136SSA	MW-136	09/12/2003	GROUNDWATER	107	117	0	10
W136SSD	MW-136	09/12/2003	GROUNDWATER	107	117	0	10
W142SSA	MW-142	09/12/2003	GROUNDWATER	42	52	2	12
W147M2A	MW-147	09/10/2003	GROUNDWATER	150	160	77	87

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
09/07/2003 - 09/13/2003

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W147M3A	MW-147	09/10/2003	GROUNDWATER	82	92	9	19
W150SSA	MW-150	09/11/2003	GROUNDWATER	92.5	102.5	1	11
W151SSA	MW-151	09/11/2003	GROUNDWATER	55.5	65.5	0	10
W156SSA	MW-156	09/09/2003	GROUNDWATER	77	87	7	17
W165M1A	MW-165	09/10/2003	GROUNDWATER	184.5	194.5	106	116
W165M2A	MW-165	09/11/2003	GROUNDWATER	124.5	134.5	46	56
W165M2D	MW-165	09/11/2003	GROUNDWATER	124.5	134.5	46	56
W191M2A	MW-191	09/09/2003	GROUNDWATER	120	130	8.4	18.4
W191SSA	MW-191	09/09/2003	GROUNDWATER	106	116	0	10
W203M2A	MW-203	09/10/2003	GROUNDWATER	176	186	32.58	42.58
W284M1A	MW-284	09/12/2003	GROUNDWATER	115	125	90.55	100.55
W284M1D	MW-284	09/12/2003	GROUNDWATER	115	125	90.55	100.55
W284M2A	MW-284	09/12/2003	GROUNDWATER	45	55	21.2	31.2
W54SSA	MW-54	09/10/2003	GROUNDWATER	148	158	0	10
W64M1A	MW-64	09/12/2003	GROUNDWATER	129	139	38	48
W64M2A	MW-64	09/12/2003	GROUNDWATER	100	105	9	14
W64SSA	MW-64	09/12/2003	GROUNDWATER	87	97	0	10
W72SSA	MW-72	09/10/2003	GROUNDWATER	106	116	0	10
DW090803-NV	GAC WATER	09/08/2003	IDW	0	0		
DW091003-NV	GAC WATER	09/10/2003	IDW	0	0		
G282DAA	MW-282	09/10/2003	PROFILE	200	200	12	12
G282DAA	MW-282	09/09/2003	PROFILE	200	200	12	12
G282DBA	MW-282	09/10/2003	PROFILE	210	210	22	22
G282DCA	MW-282	09/10/2003	PROFILE	220	220	32	32
G282DDA	MW-282	09/11/2003	PROFILE	230	230	42	42
G282DEA	MW-282	09/11/2003	PROFILE	240	240	52	52
G282DFA	MW-282	09/11/2003	PROFILE	250	250	62	62
G282DGA	MW-282	09/12/2003	PROFILE	260	260	72	72
G286DAA	MW-286	09/10/2003	PROFILE	130	130	6.1	6.1
G286DBA	MW-286	09/10/2003	PROFILE	140	140	16.1	16.1
G286DCA	MW-286	09/11/2003	PROFILE	150	150	26.1	26.1
G286DDA	MW-286	09/11/2003	PROFILE	160	160	36.1	36.1
G286DEA	MW-286	09/11/2003	PROFILE	170	170	46.1	46.1
G286DFA	MW-286	09/11/2003	PROFILE	180	180	56.1	56.1
G286DGA	MW-286	09/12/2003	PROFILE	190	190	66.1	66.1
G286DHA	MW-286	09/12/2003	PROFILE	200	200	76.1	76.1
G286DIA	MW-286	09/12/2003	PROFILE	210	210	86.1	86.1
WL321-01	MW-321	09/04/2003	PROFILE	108	108	12.2	12.2
WL321-02	MW-321	09/04/2003	PROFILE	120	120	24.2	24.2
WL321-03	MW-321	09/04/2003	PROFILE	130	130	34.2	34.2

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TABLE 2
SAMPLING PROGRESS
09/07/2003 - 09/13/2003

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
WL321-03FD	MW-321	09/04/2003	PROFILE	130	130	34.2	34.2
WL321-04	MW-321	09/04/2003	PROFILE	140	140	44.2	44.2
WL321-05	MW-321	09/04/2003	PROFILE	150	150	54.2	54.2
WL321-07	MW-321	09/05/2003	PROFILE	160	160	64.2	64.2
WL321-08	MW-321	09/05/2003	PROFILE	170	170	74.2	74.2
WL321-09	MW-321	09/05/2003	PROFILE	180	180	84.2	84.2
WL321-10	MW-321	09/05/2003	PROFILE	190	190	94.2	94.2
WL321-11	MW-321	09/08/2003	PROFILE	200	200	104.2	104.2
WL321-12	MW-321	09/08/2003	PROFILE	210	210	114.2	114.2
WL321-13	MW-321	09/08/2003	PROFILE	220	220	124.2	124.2
WL321-13FD	MW-321	09/08/2003	PROFILE	220	220	124.2	124.2
WL321-14	MW-321	09/08/2003	PROFILE	230	230	134.2	134.2
WL321-15	MW-321	09/08/2003	PROFILE	240	240	144.2	144.2
WL321-16	MW-321	09/08/2003	PROFILE	250	250	154.2	154.2
WL321-17	MW-321	09/08/2003	PROFILE	260	260	164.2	164.2
WL321-18	MW-321	09/08/2003	PROFILE	270	270	174.2	174.2
WL321-19	MW-321	09/08/2003	PROFILE	280	280	184.2	184.2
WL321-21	MW-321	09/09/2003	PROFILE	290	290	194.2	194.2
WL321-22	MW-321	09/09/2003	PROFILE	310	310	214.2	214.2
WL321-23	MW-321	09/09/2003	PROFILE	320	320	224.2	224.2
WL321-25	MW-321	09/10/2003	PROFILE	325	325	229.2	229.2

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 08/15/03 - 09/13/03

SAMPLE_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
4036009DC-A	4036009DC	09/03/2003	GROUNDWATER	0	0			E314.0	PERCHLORATE	
RSNW01-A	RSNW01	09/03/2003	GROUNDWATER	0	0			E314.0	PERCHLORATE	
RSNW03-A	RSNW03	09/03/2003	GROUNDWATER	0	0			E314.0	PERCHLORATE	
RSNW06-A	RSNW06	09/03/2003	GROUNDWATER	0	0			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
RSNW06-A	RSNW06	09/03/2003	GROUNDWATER	0	0			E314.0	PERCHLORATE	
W02-13M2A	02-13	09/08/2003	GROUNDWATER	83	93	44.2	54.2	E314.0	PERCHLORATE	
W264M1A	MW-264	08/18/2003	GROUNDWATER	192	202	160.94	170.94	8330N	PICRIC ACID	NO*
W264M1A	MW-264	08/18/2003	GROUNDWATER	192	202	160.94	170.94	8330N	3-NITROTOLUENE	NO*
W264M1A	MW-264	08/18/2003	GROUNDWATER	192	202	160.94	170.94	8330N	PENTAERYTHRITOL TETRANITRATE	NO*
W264M1A	MW-264	08/18/2003	GROUNDWATER	192	202	160.94	170.94	8330N	NITROGLYCERIN	NO*
W264M1A	MW-264	08/18/2003	GROUNDWATER	192	202	160.94	170.94	8330N	1,3-DINITROBENZENE	NO*
W264M1A	MW-264	08/18/2003	GROUNDWATER	192	202	160.94	170.94	8330N	4-AMINO-2,6-DINITROTOLUENE	NO*
W264M1A	MW-264	08/18/2003	GROUNDWATER	192	202	160.94	170.94	8330N	2-AMINO-4,6-DINITROTOLUENE	YES*
W264M1A	MW-264	08/18/2003	GROUNDWATER	192	202	160.94	170.94	8330N	4-NITROTOLUENE	NO*
W264M1A	MW-264	08/18/2003	GROUNDWATER	192	202	160.94	170.94	8330N	2,4,6-TRINITROTOLUENE	NO*
W264M1A	MW-264	08/18/2003	GROUNDWATER	192	202	160.94	170.94	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES*
W264M1A	MW-264	08/18/2003	GROUNDWATER	192	202	160.94	170.94	8330N	NITROBENZENE	NO*
W264M2A	MW-264	08/19/2003	GROUNDWATER	136	146	105	115	8330N	PENTAERYTHRITOL TETRANITRATE	NO*
W264M2A	MW-264	08/19/2003	GROUNDWATER	136	146	105	115	8330N	4-NITROTOLUENE	NO*
W264M2A	MW-264	08/19/2003	GROUNDWATER	136	146	105	115	8330N	3-NITROTOLUENE	NO*
W264M2A	MW-264	08/19/2003	GROUNDWATER	136	146	105	115	8330N	NITROBENZENE	NO*
W264M2A	MW-264	08/19/2003	GROUNDWATER	136	146	105	115	8330N	2-AMINO-4,6-DINITROTOLUENE	YES*
W264M2A	MW-264	08/19/2003	GROUNDWATER	136	146	105	115	8330N	NITROGLYCERIN	NO*
W264M2A	MW-264	08/19/2003	GROUNDWATER	136	146	105	115	8330N	4-AMINO-2,6-DINITROTOLUENE	NO*
W264M2A	MW-264	08/19/2003	GROUNDWATER	136	146	105	115	8330N	2,4,6-TRINITROTOLUENE	NO*
W264M2A	MW-264	08/19/2003	GROUNDWATER	136	146	105	115	8330N	PICRIC ACID	NO*
W264M2A	MW-264	08/19/2003	GROUNDWATER	136	146	105	115	8330N	1,3-DINITROBENZENE	NO*

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BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET
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TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 08/15/03 - 09/13/03

SAMPLE_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
W264M2A	MW-264	08/19/2003	GROUNDWATER	136	146	105	115	8330N	1,3,5-TRINITROBENZENE	NO*
W264M2A	MW-264	08/19/2003	GROUNDWATER	136	146	105	115	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES*
WL289-01	MW-289	08/14/2003	PROFILE	110	110	9	9	8330N	Picric Acid	NO
WL289-01	MW-289	08/14/2003	PROFILE	110	110	9	9	8330N	Nitroglycerin	NO
WL289-01	MW-289	08/14/2003	PROFILE	110	110	9	9	8330N	RDX	YES
WL289-01	MW-289	08/14/2003	PROFILE	110	110	9	9	E314.0	{ND on all 1} Analyte	
WL289-02	MW-289	08/14/2003	PROFILE	120	120	19	19	8330N	Nitroglycerin	NO
WL289-02	MW-289	08/14/2003	PROFILE	120	120	19	19	8330N	Picric Acid	NO
WL289-02	MW-289	08/14/2003	PROFILE	120	120	19	19	E314.0	{ND on all 1} Analyte	
WL289-03	MW-289	08/14/2003	PROFILE	130	130	29	29	8330N	Nitroglycerin	NO
WL289-03	MW-289	08/14/2003	PROFILE	130	130	29	29	8330N	Picric Acid	NO
WL289-03	MW-289	08/14/2003	PROFILE	130	130	29	29	E314.0	{ND on all 1} Analyte	
WL289-03FD	MW-289	08/14/2003	PROFILE	130	130	29	29	8330N	Nitroglycerin	NO
WL289-03FD	MW-289	08/14/2003	PROFILE	130	130	29	29	8330N	Picric Acid	NO
WL289-03FD	MW-289	08/14/2003	PROFILE	130	130	29	29	E314.0	{ND on all 1} Analyte	
WL289-04	MW-289	08/14/2003	PROFILE	140	140	39	39	8330N	Nitroglycerin	NO
WL289-04	MW-289	08/14/2003	PROFILE	140	140	39	39	8330N	Picric Acid	NO
WL289-04	MW-289	08/14/2003	PROFILE	140	140	39	39	8330N	RDX	YES
WL289-04	MW-289	08/14/2003	PROFILE	140	140	39	39	8330N	HMX	YES
WL289-04	MW-289	08/14/2003	PROFILE	140	140	39	39	E314.0	Perchlorate	
WL289-05	MW-289	08/14/2003	PROFILE	150	150	49	49	8330N	RDX	YES
WL289-05	MW-289	08/14/2003	PROFILE	150	150	49	49	8330N	Nitroglycerin	NO
WL289-05	MW-289	08/14/2003	PROFILE	150	150	49	49	E314.0	Perchlorate	
WL289-07	MW-289	08/15/2003	PROFILE	160	160	59	59	8330N	RDX	YES
WL289-07	MW-289	08/15/2003	PROFILE	160	160	59	59	8330N	Picric Acid	NO
WL289-07	MW-289	08/15/2003	PROFILE	160	160	59	59	8330N	Nitroglycerin	NO
WL289-07	MW-289	08/15/2003	PROFILE	160	160	59	59	E314.0	Perchlorate	

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SAMPLES COLLECTED 08/15/03 - 09/13/03

SAMPLE_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
WL289-08	MW-289	08/15/2003	PROFILE	170	170	69	69	8330N	HMX	YES
WL289-08	MW-289	08/15/2003	PROFILE	170	170	69	69	8330N	RDX	YES
WL289-08	MW-289	08/15/2003	PROFILE	170	170	69	69	E314.0	Perchlorate	
WL289-09	MW-289	08/15/2003	PROFILE	180	180	79	79	8330N	HMX	YES
WL289-09	MW-289	08/15/2003	PROFILE	180	180	79	79	8330N	RDX	YES
WL289-09	MW-289	08/15/2003	PROFILE	180	180	79	79	8330N	Nitroglycerin	NO
WL289-09	MW-289	08/15/2003	PROFILE	180	180	79	79	E314.0	Perchlorate	
WL289-10	MW-289	08/15/2003	PROFILE	190	190	89	89	8330N	Picric Acid	NO
WL289-10	MW-289	08/15/2003	PROFILE	190	190	89	89	8330N	Nitroglycerin	NO
WL289-10	MW-289	08/15/2003	PROFILE	190	190	89	89	E314.0	Perchlorate	
WL289-11	MW-289	08/18/2003	PROFILE	200	200	99	99	8330N	3-Nitrotoluene	YES+
WL289-11	MW-289	08/18/2003	PROFILE	200	200	99	99	8330N	4-Nitrotoluene	NO+
WL289-11	MW-289	08/18/2003	PROFILE	200	200	99	99	8330N	2-Nitrotoluene	YES+
WL289-11	MW-289	08/18/2003	PROFILE	200	200	99	99	8330N	Picric Acid	NO
WL289-11	MW-289	08/18/2003	PROFILE	200	200	99	99	E314.0	Perchlorate	
WL289-12	MW-289	08/18/2003	PROFILE	210	210	109	109	8330N	{ND on all 19} Analytes	
WL289-12	MW-289	08/18/2003	PROFILE	210	210	109	109	E314.0	Perchlorate	
WL289-13	MW-289	08/18/2003	PROFILE	220	220	119	119	8330N	Picric Acid	NO
WL289-13	MW-289	08/18/2003	PROFILE	220	220	119	119	E314.0	Perchlorate	
WL289-13FD	MW-289	08/18/2003	PROFILE	220	220	119	119	8330N	{ND on all 19} Analytes	
WL289-13FD	MW-289	08/18/2003	PROFILE	220	220	119	119	E314.0	Perchlorate	
WL289-14	MW-289	08/18/2003	PROFILE	230	230	129	129	8330N	{ND on all 19} Analytes	
WL289-14	MW-289	08/18/2003	PROFILE	230	230	129	129	E314.0	{ND on all 1} Analyte	
WL289-15	MW-289	08/18/2003	PROFILE	240	240	139	139	8330N	{ND on all 19} Analytes	
WL289-15	MW-289	08/18/2003	PROFILE	240	240	139	139	E314.0	{ND on all 1} Analyte	
WL289-16	MW-289	08/18/2003	PROFILE	250	250	149	149	8330N	{ND on all 19} Analytes	
WL289-16	MW-289	08/18/2003	PROFILE	250	250	149	149	E314.0	{ND on all 1} Analyte	

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TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 08/15/03 - 09/13/03

SAMPLE_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
WL289-17	MW-289	08/18/2003	PROFILE	260	260	159	159	8330N	{ND on all 19} Analytes	
WL289-17	MW-289	08/18/2003	PROFILE	260	260	159	159	E314.0	{ND on all 1} Analyte	
WL289-19	MW-289	08/19/2003	PROFILE	270	270	169	169	8330N	RDX	NO
WL289-19	MW-289	08/19/2003	PROFILE	270	270	169	169	8330N	Picric Acid	NO
WL289-19	MW-289	08/19/2003	PROFILE	270	270	169	169	8330N	Nitroglycerin	NO
WL289-19	MW-289	08/19/2003	PROFILE	270	270	169	169	8330N	2,6-Dinitrotoluene	YES+
WL289-19	MW-289	08/19/2003	PROFILE	270	270	169	169	E314.0	Perchlorate	
WL289-20	MW-289	08/19/2003	PROFILE	280	280	179	179	8330N	{ND on all 19} Analytes	
WL289-20	MW-289	08/19/2003	PROFILE	280	280	179	179	E314.0	{ND on all 1} Analyte	
WL289-21	MW-289	08/19/2003	PROFILE	290	290	189	189	8330N	{ND on all 19} Analytes	
WL289-21	MW-289	08/19/2003	PROFILE	290	290	189	189	E314.0	{ND on all 1} Analyte	
WL289-23	MW-289	08/20/2003	PROFILE	300	300	199	199	8330N	Picric Acid	NO
WL289-23	MW-289	08/20/2003	PROFILE	300	300	199	199	8330N	Nitrobenzene	NO+
WL289-23	MW-289	08/20/2003	PROFILE	300	300	199	199	8330N	Nitroglycerin	NO
WL289-23	MW-289	08/20/2003	PROFILE	300	300	199	199	8330N	2,4,6-Trinitrotoluene	YES+
WL289-23	MW-289	08/20/2003	PROFILE	300	300	199	199	8330N	2,6-Dinitrotoluene	YES+
WL289-23	MW-289	08/20/2003	PROFILE	300	300	199	199	8330N	4-Nitrotoluene	NO
WL289-23	MW-289	08/20/2003	PROFILE	300	300	199	199	8330N	3-Nitrotoluene	NO
WL289-23	MW-289	08/20/2003	PROFILE	300	300	199	199	8330N	PETN	NO
WL289-23	MW-289	08/20/2003	PROFILE	300	300	199	199	E314.0	Perchlorate	
WL289-24	MW-289	08/20/2003	PROFILE	310	310	209	209	8330N	Nitrobenzene	NO
WL289-24	MW-289	08/20/2003	PROFILE	310	310	209	209	8330N	PETN	NO+
WL289-24	MW-289	08/20/2003	PROFILE	310	310	209	209	8330N	Nitroglycerin	NO
WL289-24	MW-289	08/20/2003	PROFILE	310	310	209	209	8330N	Picric Acid	NO
WL289-24	MW-289	08/20/2003	PROFILE	310	310	209	209	8330N	2,4-Diamino-6-Nitrotoluene	YES+
WL289-24	MW-289	08/20/2003	PROFILE	310	310	209	209	8330N	2,4,6-Trinitrotoluene	NO
WL289-24	MW-289	08/20/2003	PROFILE	310	310	209	209	E314.0	Perchlorate	

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SAMPLES COLLECTED 08/15/03 - 09/13/03

SAMPLE_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
WL289-25	MW-289	08/20/2003	PROFILE	320	320	219	219	8330N	{ND on all 19} Analytes	
WL289-25	MW-289	08/20/2003	PROFILE	320	320	219	219	E314.0	Perchlorate	
WL289-25FD	MW-289	08/20/2003	PROFILE	320	320	219	219	8330N	{ND on all 19} Analytes	
WL289-25FD	MW-289	08/20/2003	PROFILE	320	320	219	219	E314.0	Perchlorate	
WL289-26	MW-289	08/20/2003	PROFILE	330	330	229	229	8330N	{ND on all 19} Analytes	
WL289-26	MW-289	08/20/2003	PROFILE	330	330	229	229	E314.0	{ND on all 1} Analyte	
WL289-27	MW-289	08/20/2003	PROFILE	340	340	239	239	8330N	Nitroglycerin	NO
WL289-27	MW-289	08/20/2003	PROFILE	340	340	239	239	8330N	PETN	NO
WL289-27	MW-289	08/20/2003	PROFILE	340	340	239	239	8330N	2,6-Dinitrotoluene	YES+
WL289-27	MW-289	08/20/2003	PROFILE	340	340	239	239	8330N	2,4-Diamino-6-Nitrotoluene	NO+
WL289-27	MW-289	08/20/2003	PROFILE	340	340	239	239	8330N	RDX	NO
WL289-27	MW-289	08/20/2003	PROFILE	340	340	239	239	8330N	Picric Acid	NO
WL289-27	MW-289	08/20/2003	PROFILE	340	340	239	239	E314.0	Perchlorate	
WL289-28	MW-289	08/20/2003	PROFILE	346	346	245	245	8330N	Picric Acid	NO
WL289-28	MW-289	08/20/2003	PROFILE	346	346	245	245	8330N	Nitroglycerin	NO
WL289-28	MW-289	08/20/2003	PROFILE	346	346	245	245	E314.0	{ND on all 1} Analyte	
WL321-01	MW-321	09/04/2003	PROFILE	108	108	12.2	12.2	8330N	2,6-Dinitrotoluene	YES+
WL321-01	MW-321	09/04/2003	PROFILE	108	108	12.2	12.2	8330N	PETN	NO
WL321-01	MW-321	09/04/2003	PROFILE	108	108	12.2	12.2	8330N	4-Nitrotoluene	NO
WL321-01	MW-321	09/04/2003	PROFILE	108	108	12.2	12.2	8330N	Nitroglycerin	NO
WL321-01	MW-321	09/04/2003	PROFILE	108	108	12.2	12.2	8330N	Picric Acid	NO
WL321-01	MW-321	09/04/2003	PROFILE	108	108	12.2	12.2	8330N	3-Nitrotoluene	YES+
WL321-01	MW-321	09/04/2003	PROFILE	108	108	12.2	12.2	E314.0	{ND on all 1} Analyte	
WL321-02	MW-321	09/04/2003	PROFILE	120	120	24.2	24.2	8330N	3-Nitrotoluene	YES+
WL321-02	MW-321	09/04/2003	PROFILE	120	120	24.2	24.2	8330N	RDX	NO
WL321-02	MW-321	09/04/2003	PROFILE	120	120	24.2	24.2	8330N	Picric Acid	NO
WL321-02	MW-321	09/04/2003	PROFILE	120	120	24.2	24.2	8330N	Nitroglycerin	NO

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WL321-02	MW-321	09/04/2003	PROFILE	120	120	24.2	24.2	8330N	2,6-Dinitrotoluene	NO
WL321-02	MW-321	09/04/2003	PROFILE	120	120	24.2	24.2	8330N	4-Nitrotoluene	NO
WL321-02	MW-321	09/04/2003	PROFILE	120	120	24.2	24.2	E314.0	{ND on all 1} Analyte	
WL321-03	MW-321	09/04/2003	PROFILE	130	130	34.2	34.2	8330N	{ND on all 19} Analytes	
WL321-03	MW-321	09/04/2003	PROFILE	130	130	34.2	34.2	E314.0	Perchlorate	
WL321-03FD	MW-321	09/04/2003	PROFILE	130	130	34.2	34.2	8330N	{ND on all 19} Analytes	
WL321-03FD	MW-321	09/04/2003	PROFILE	130	130	34.2	34.2	E314.0	Perchlorate	
WL321-04	MW-321	09/04/2003	PROFILE	140	140	44.2	44.2	8330N	Nitroglycerin	NO
WL321-04	MW-321	09/04/2003	PROFILE	140	140	44.2	44.2	E314.0	Perchlorate	
WL321-05	MW-321	09/04/2003	PROFILE	150	150	54.2	54.2	8330N	{ND on all 19} Analytes	
WL321-05	MW-321	09/04/2003	PROFILE	150	150	54.2	54.2	E314.0	Perchlorate	
WL321-07	MW-321	09/05/2003	PROFILE	160	160	64.2	64.2	8330N	{ND on all 19} Analytes	
WL321-07	MW-321	09/05/2003	PROFILE	160	160	64.2	64.2	E314.0	Perchlorate	
WL321-08	MW-321	09/05/2003	PROFILE	170	170	74.2	74.2	8330N	{ND on all 19} Analytes	
WL321-08	MW-321	09/05/2003	PROFILE	170	170	74.2	74.2	E314.0	Perchlorate	
WL321-09	MW-321	09/05/2003	PROFILE	180	180	84.2	84.2	8330N	{ND on all 19} Analytes	
WL321-09	MW-321	09/05/2003	PROFILE	180	180	84.2	84.2	E314.0	Perchlorate	
WL321-10	MW-321	09/05/2003	PROFILE	190	190	94.2	94.2	8330N	Picric Acid	NO
WL321-10	MW-321	09/05/2003	PROFILE	190	190	94.2	94.2	8330N	2,6-Dinitrotoluene	YES+
WL321-10	MW-321	09/05/2003	PROFILE	190	190	94.2	94.2	E314.0	{ND on all 1} Analyte	
WL321-11	MW-321	09/08/2003	PROFILE	200	200	104.2	104.2	8330N	{ND on all 19} Analytes	
WL321-11	MW-321	09/08/2003	PROFILE	200	200	104.2	104.2	E314.0	{ND on all 1} Analyte	
WL321-12	MW-321	09/08/2003	PROFILE	210	210	114.2	114.2	8330N	{ND on all 19} Analytes	
WL321-12	MW-321	09/08/2003	PROFILE	210	210	114.2	114.2	E314.0	{ND on all 1} Analyte	
WL321-13	MW-321	09/08/2003	PROFILE	220	220	124.2	124.2	8330N	{ND on all 19} Analytes	
WL321-13	MW-321	09/08/2003	PROFILE	220	220	124.2	124.2	E314.0	{ND on all 1} Analyte	
WL321-13FD	MW-321	09/08/2003	PROFILE	220	220	124.2	124.2	8330N	{ND on all 19} Analytes	

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 08/15/03 - 09/13/03

SAMPLE_ID	LOCID OR WELL	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
WL321-13FD	MW-321	09/08/2003	PROFILE	220	220	124.2	124.2	E314.0	{ND on all 1} Analyte	
WL321-14	MW-321	09/08/2003	PROFILE	230	230	134.2	134.2	8330N	{ND on all 19} Analytes	
WL321-14	MW-321	09/08/2003	PROFILE	230	230	134.2	134.2	E314.0	{ND on all 1} Analyte	
WL321-15	MW-321	09/08/2003	PROFILE	240	240	144.2	144.2	8330N	{ND on all 19} Analytes	
WL321-15	MW-321	09/08/2003	PROFILE	240	240	144.2	144.2	E314.0	{ND on all 1} Analyte	
WL321-16	MW-321	09/08/2003	PROFILE	250	250	154.2	154.2	8330N	{ND on all 19} Analytes	
WL321-16	MW-321	09/08/2003	PROFILE	250	250	154.2	154.2	E314.0	{ND on all 1} Analyte	
WL321-17	MW-321	09/08/2003	PROFILE	260	260	164.2	164.2	8330N	{ND on all 19} Analytes	
WL321-17	MW-321	09/08/2003	PROFILE	260	260	164.2	164.2	E314.0	{ND on all 1} Analyte	
WL321-18	MW-321	09/08/2003	PROFILE	270	270	174.2	174.2	8330N	{ND on all 19} Analytes	
WL321-18	MW-321	09/08/2003	PROFILE	270	270	174.2	174.2	E314.0	{ND on all 1} Analyte	
WL321-19	MW-321	09/08/2003	PROFILE	280	280	184.2	184.2	8330N	{ND on all 19} Analytes	
WL321-19	MW-321	09/08/2003	PROFILE	280	280	184.2	184.2	E314.0	{ND on all 1} Analyte	
WL321-21	MW-321	09/09/2003	PROFILE	290	290	194.2	194.2	8330N	Picric Acid	NO
WL321-21	MW-321	09/09/2003	PROFILE	290	290	194.2	194.2	E314.0	Perchlorate	
WL321-22	MW-321	09/09/2003	PROFILE	310	310	214.2	214.2	8330N	{ND on all 19} Analytes	
WL321-22	MW-321	09/09/2003	PROFILE	310	310	214.2	214.2	E314.0	{ND on all 1} Analyte	
WL321-23	MW-321	09/09/2003	PROFILE	320	320	224.2	224.2	8330N	{ND on all 19} Analytes	
WL321-23	MW-321	09/09/2003	PROFILE	320	320	224.2	224.2	E314.0	{ND on all 1} Analyte	
WL321-25	MW-321	09/10/2003	PROFILE	325	325	229.2	229.2	8330N	{ND on all 19} Analytes	
WL321-25	MW-321	09/10/2003	PROFILE	325	325	229.2	229.2	E314.0	{ND on all 1} Analyte	

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