WEEKLY PROGRESS UPDATE FOR AUGUST 12 – AUGUST 16, 2002

EPA REGION I ADMINISTRATIVE ORDERS SDWA 1-97-1019 & 1-2000-0014 MASSACHUSETTS MILITARY RESERVATION TRAINING RANGE AND IMPACT AREA

The following summary of progress is for the period from August 12 through August 16, 2002.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of August 16 is summarized in Table 1.

	Table 1. Drilling progre	ss as of Aug	just 16, 2002	
Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-233	Base WS-4 sentry well (WS4P-2)	390	174	
MW-234	J-2 Range (J2P-12)	347	239	
bgs = below	v ground surface v water table	<u> </u>		ı

Completed drilling of MW-234 (J2P-12) and continued drilling of MW-233 (WS4P-2). Continued well development for newly installed wells.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-233 and MW-234. Groundwater samples were collected from Bourne supply, sentry, and monitoring wells, as part of the Site-Wide Perchlorate sampling, and as part of the August Long Term Groundwater monitoring round. Water samples were collected from the GAC treatment system. Surface water samples were collected from Snake Pond. Soil samples were collected from soil boring B-39 in the J-3 Range and from soil cuttings of recently installed wells.

The following are the notes from the August 15, 2002 Technical Team meeting at the IAGWSPO:

Participants

Ben Gregson (IAGWSPO)
Karen Wilson (IAGWSPO)
Dr. Susan Goodfellow (E&RC)
Len Pinaud (MADEP)
Gina Tyo (ACE)
Rob Foti (ACE)
Marc Grant (AMEC-phone)
Jay Clausen (AMEC-phone)
Larry Hudgins (Tetra Tech)

MAJ Bill Myer (IAGWSPO) Bill Gallagher (IAGWSPO) Todd Borci (EPA) Mark Panni (MADEP) Ed Wise (ACE) John McPherson (ACE) Kim Harriz (AMEC) John Rice (AMEC-phone) Leo Montroy (Tt-phone) Tina Dolen (IAGWSPO)
Dave Hill (IAGWSPO)
Meghan Cassidy (EPA)
Dave Williams (MDPH)
Darrel Deleppo (ACE)
LT Jeffrey Swartzlander (ACE)
Maria Pologruto (AMEC)
Larry Pannell (Jacobs)

Punchlist Items

- #2 Provide recent test results of monitoring wells for WS-1, -2, -3 (E&RC). Draft Report with validated results being prepared. Report to be provided to the Co-op at the 8/14 meeting. Data to be provided to the IAGWSPO after this meeting. LTC Tyminski (E&RC) did not make the meeting, so update to provided next week.
- #5 Provide access update on private Snake Pond property (IAGWSPO). Property owners have indicated that signing of the agreement will be delayed because they do not wish work to proceed prior to early September, after the school year begins.
- #6 <u>Discuss reporting of Perchlorate <1ppb with Dan Mahoney (Sandwich) (EPA).</u> Todd Borci (EPA) emailed Mr. Mahoney, will contact him again by phone if no response is received.
- #7 Determine POC for Schooner Pass Condo Association to discuss sampling of private supply well (IAGWSPO). Bill Gallagher (IAGWSPO) indicated that sampling of the well was scheduled for 8/16. Previous two rounds of data were faxed to Bob Smith (Condo Association Manager) and future data will be mailed by AMEC as it is received.
- #8 Provide Update on SERDEP UXO Technology Demonstration Site (IAGWSPO). Dave Hill was trying to contact to George Robati (AEC US Army Environmental Center). Dr. Susan Goodfellow (ERC) indicated that this site (one of two originally selected) was no longer to be used for the project due to the number of anomalies found. Larry Hudgins (Tetra tech) indicated that items discovered included rifle grenades, thousands of nails, ash, and barbed wire. Todd Borci requested that these discoveries be summarized and documented for the project file in case this information is useful for the base investigations. Dr. Goodfellow also indicated that a second site near Range Control, a moderate sensitivity area that had also been selected for testing, would require a cultural resources survey prior to any excavation. It was Dr. Goodfellow's understanding that a replacement site for the first area was not being considered. Mr. Borci requested that the Guard look into the status of the Technology Demonstration; EPA would like to see the work completed at MMR.
- #9 Provide SHPO status on ROA update table and prioritization of ROAs for SHPO review (Corps). Heather Sullivan (ACE) added SHPO status as a column to the ROA table. Latest table from weekly mailing distributed at meeting. Ms. Sullivan to indicate priorities to SHPO when ROAs are forwarded.
- #11 Provide update on UXO munitions investigation by others at Osborne Pond (Corps). Bill Holtham (ACE) provided email status report on 8/13. Site has been identified as a FUDS.
- #12 Provide update on tracking Boundary Incursions (IAGWSPO). Nick laiennaro (ACE) and Bill Gallagher (IAGWSPO) spoke with Range Control regarding the fence repairs along the western base boundary. Range Control is aware of the problem and is planning on repairing the fence and posting "No Trespassing" signs. Mr. Gallagher to identify a date that the fence will be fixed and discuss with COL Luciani, the EPA's request to take pictures of the fence breaches. Photographs will be taken of the fence repairs. Mr. Gallagher to call Todd Borci on Monday 8/19 with update.

MSP3 Update

Rob Foti (Corps) provided an update on the MSP3 tasks.

<u>AirMag</u>. Excavation of seven of 22 anomalies was completed. Table of discoveries was distributed in the weekly mailing and at the Tech meeting. Excavation areas have been left open for Dr. Susan Goodfellow's (ERC) inspection.

<u>SCAR Site.</u> Vegetation & grubbing is ongoing, will be approximately 95% complete by Friday 8/16. Surface clearance of UXO is approximately 85% complete. 35% of the geophysical survey has also been completed. Data has been collected on 22/60 grids.

<u>N Range.</u> Intrusive investigation commenced today. Work has been coordinated with Tina Dolen (IAGWSPO); a press release was issued. Excavations will be left open pending Dr. Goodfellow's inspection.

ROA/SHPO Update

Karen Wilson (IAGWSPO) led a discussion of ROA issues.

- Several ROA approvals for well locations were received from SHPO this week as listed in the ROA Status table. The Guard is still waiting on some approvals from Natural Heritage; these should be received by the end of next week.
- Bourne ConsCom was contacted regarding the MSP3 pond investigations. Bourne
 ConsCom did not think that these investigations would require filing with the commission,
 however they would like a letter describing the proposed activities. Sandwich ConsCom
 was contacted regarding Grassy Pond, but no reply to the inquiry has been received.
- Dr. Susan Goodfellow indicated that budget cuts had reduced the staff at SHPO to three personnel for ROA processing. Therefore, ROA reviews cannot be promised in less than the specified 30-day time period. After 30 days without comment, it can be assumed that SHPO concurs with the proposed action. If a cultural resource survey is recommended as part of the action, it can be assumed after 30 days with no comment that SHPO concurs with the recommendation. The E&RC is planning on submitting the Integrated Resources Management Plan by the 2nd week of September. Once this is submitted, Dr. Goodfellow will begin negotiations to establish a programmatic agreement with SHPO. Pending a legal review by the National Guard Bureau, this agreement may be issued by mid November. Once the programmatic agreement is in place, ROAs will not need to be submitted to SHPO, with the exception of major activities. All actions will be summarized and provided to SHPO in an annual report.
- Dr. Goodfellow's recommendation for the pond investigations, which require the excavation of small areas, are to proceed but require the UXO crews to screen all soil (1/4-inch sieve) for non-UXO related items. The screened material is to be retained for Dr. Goodfellow's inspection. A detailed procedure of this screening process will be provided to the survey crews. Similar inspection is required for all disturbances in moderate and high cultural resource sensitivity areas. If the areas are larger than those designated in the pond investigations, a different approach would need to be taken, such as a pre-survey or monitoring during excavation by a UXO and cultural resources qualified crew member.
- Todd Borci requested that the Guard/Corps review proposed investigation areas to determine sensitivity to avoid potential schedule impacts.

Central Impact Area RDX Plume Map and Additional Wells

Bill Gallagher (IAGWSPO) led the discussion regarding Central Impact Area issues. A map was distributed showing a revised RDX plume shell and proposed locations for three monitoring wells.

- Todd Borci requested that the greater than 10 ppb contour be reviewed more carefully and extended to reflect wells (such as MW-113) that have several rounds of data with detections in excess of 10 ppb. In general, data should be reviewed closely to make sure that all contours are as accurate as possible.
- Three proposed well locations were reviewed as follows. Site walk scheduled for 8/16 to select exact locations:

<u>CIAP-27</u> (Change proposed name to CIAP-14, since this location is already funded and can be prioritized). Located downgradient of MW-206. All parties agreed to locate the well just north of intersection of particle track with Avery Road, if topography/access allows. This will aid in bounding the plume to the northeast as well as the west.

<u>CIAP-14</u> (Change proposed name to CIAP-27). Located downgradient of MW-205 along particle track on Pocasset Road. All parties agreed on the location, pending the site walk.

<u>CIAP-28.</u> Located approximately 600 ft east of MW-205 on Wood Road. All parties agreed on the location, pending the site walk.

- Agencies to review proposed locations to decide if, based on non-detects in these new proposed wells, sufficient data is available to complete the characterization of the Central Impact Area groundwater plume for explosives.
- Len Pinaud (MADEP) was concerned that the modeling had not been completed with accurate representations of pumping levels of the Base Water Supply wells. Jay Clausen (AMEC) indicated that a synoptic water level round, mostly consisting of wells upgradient of Bourne but including wells across the site, was completed in June. Mr. Clausen expressed confidence that this information was sufficient for accurate calibration of the model.

Site-Wide Perchlorate in Groundwater Map

Kim Harriz (AMEC) distributed a map that encompassed the Central Impact Area and peripheral areas. The map depicted the latest validated and unvalidated perchlorate concentrations detected in groundwater samples from monitoring wells across the area. Locations of wells still to be sampled for perchlorate analysis were also depicted.

- The map was to provide an overview of the majority of data collected to date as part of Perchlorate site-wide characterization. And was only to be used as a planning tool for the agencies and Tech team members.
- The concentrations of perchlorate specified on the map were the highest concentrations detected at each location. Dry wells were also designated. Crosses indicated wells with detections in excess of 1.5 ppb (the EPA MMR Relevant Standard) on base, and in excess of 1.0 ppb (the MADEP Interim Drinking Water Advice) in the Bourne area or in Far Field wells at the base boundary with Bourne.
- The map showed many new non detects of perchlorate in the Central Impact Area. One of the more interesting detections was at MW-15M1, located off of Spruce Swamp Road at the southwest corner of the Central Impact Area, at 1.0 ppb (unvalidated). This well is about one mile upgradient of WS4P-2.

Bourne Update

Bill Gallagher (IAGWSPO) led the discussion regarding the Bourne area investigations.

- Thirty feet remained in the drilling of WS4P-2, a well that was progressing slowly due to very loose sands. The total depth will probably be reached tomorrow, 8/16.
- There was a 9 ppb detection (unvalidated) of MTBE at 02-07M3, as well as a perchlorate detection. However, the Guard did not think that the MTBE (a relatively new gasoline additive) detection was related to Base activities. Len Pinaud (MADEP) pointed out that MTBE had not been identified as a COC for groundwater as part of the IRP program. MADEP to review list of MCP sites in Bourne for a possible source. The Guard provided a table of all MBTE detections on base to Leo Yuskus (Haley and Ward).
- Vendor perchlorate treatment technologies were presented at a meeting on 8/13. SAIC's lon Exchange treatment was characterized by a resin that was highly specific to perchlorate and did not appear to be affected by impurities in the groundwater. However, SAIC has not proven that the technology can effectively treat groundwater at the concentrations characteristic of the MMR plumes. The cost is also approximately 60 cents/1000 gallons. Envirogen's Fluidized Bed Reactor treatment is up and running and works well. The cost is one third of the lon Exchange treatment cost. There is some question regarding approval of the technology for treatment of drinking water, since the water is de-oxygenated during treatment. There also may be an introduction of a pathogen to the water supply resulting from the treatment. The technology has been approved in California. A videotape of these presentations will be provided to the agencies.

- Dr. Fred Cannon (Penn State) is planning to provide a presentation of his GAC treatment results on 8/21 @ 1:30 pm. Todd Borci indicated that the information that Dr. Cannon had forwarded regarding his testing was somewhat incomplete. For instance, neither actual data nor the analytical method he used was provided. Mr. Borci recommended that AMEC review the information that had been sent and provide feedback. Additionally, information to be provided at the IART meeting should be a balanced presentation of all potential technologies.
- AMEC was still working on the Bourne Perchlorate Response Plan. Mr. Gallagher to speak to Jay Clausen about a submittal date. However, the plan would not be ready for submittal prior to the IART meeting. Todd Borci and Len Pinaud stressed the importance of at least a conceptual plan to be provided to the IART. Mr. Borci had been expecting a preliminary plan of proposed soil sampling locations and monitoring wells to be discussed at this Tech meeting. At the least, an outline of the scope, including preliminary proposed well and soil sampling locations and a modeling update needed to be provided. At this time, Mr. Borci expressed a lack of confidence about when the Workplan would be provided and whether it would include everything that was needed for the source investigation.
- Bill Gallagher and Heather Sullivan indicated that the Guard/Corps and AMEC would discuss a preliminary scope internally on Monday and forward this scope to the agencies.

Documents and Schedules

Marc Grant (AMEC) reviewed document and schedule issues.

- Of priority for the Guard was the <u>Demo 1 Environmental Risk Characterization Report MOR</u>.
 The MOR needs to be approved for the project to stay on the proposed schedule. MADEP indicated that they are waiting the return of key personnel from vacation to review the document. EPA comments are also pending.
- <u>Site-Wide Perchlorate Characterization Workplan Comment Resolution Meeting</u>. None needed by the MADEP; Workplan approval already provided by EPA.
- Addendum Gun & Mortar Firing Positions Additional Characterization Workplan. Asking for MOR approval from EPA by 8/21. MADEP approval already received.
- HUTAI Report. Comment needed from MADEP. Revised draft report to be submitted 11/7;
 MADEP may wait for this report to comment.
- HUTA2 Reports. Need MADEP comment to meet new 9/12 combined report date. Todd
 Borci indicated that EPA would review the submittal schedule and outline for the combined
 report, as provided in the RCL. The Guard and agencies should agree on a new submittal
 date and then the Guard should request an extension to this date before the 9/12 deadline.
 New combined report to be submitted as a Draft Final with separate chapters for each
 transect and combined conclusions and recommendations.
- An extension request for modification to the schedule for the Central Impact Soil Report, Demo 1 Groundwater Report Addendum, Demo 1 Soil FS and Training Areas Report was sent out on 8/14. To Mr. Borci's inquiry, Mr. Grant explained that dates provided on the Gantt chart in the Finish column are projected dates based on reality; actual enforceable milestones are listed in the column on the far right of the chart. The agencies can expect extension requests when the dates in these two columns are not in agreement, as the enforceable milestone mark is reached. An example would be the MSP Phase III Eastern Test Site Report, which has a milestone of 9/16, but is projected to be submitted on 9/19. Therefore as the milestone date approaches, the agencies should expect this deliverable to be included in an extension request.
- Todd Borci requested that the enforceable milestone for the Central Impact Area well installation be shown in the chart as TBD.
- Noting that Demo 1 Groundwater FS MOR, which had been submitted on 5/2, seemed to have fallen through the cracks, Mr. Borci requested that the Documents having Comments

- section on the Scheduling Issues handout be segregated into an Agency Action subsection and Guard Action subsection, in order to more easily distinguish responsibilities.
- Todd Borci indicated that RCL for 2002 LTGM was fine with the addition of explosive and perchlorate analyses to the MW-171 shallow and mid screen and MW-169 shallow screen.
 These can be added without another RCL or CRM. Heather Sullivan to check for receipt of MADEP comments.

Miscellaneous

- Tina Dolen (IAGWSPO) asked for comment on the Activities Map that had been provided to the agencies and other Tech Team members. Ed Wise (ACE) suggested that Range Control be shown/labeled and the H Range boundary clarified. Todd Borci suggested that base Water Supply Wells be labeled.
- Section 104E Request information provided by Foster-Miller was distributed by MAJ Myer (IAGWSPO).

2. SUMMARY OF DATA RECEIVED

Rush data are summarized in Table 3. These data are for analyses that are performed on a fast turnaround 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:

- Groundwater samples from Bourne monitoring and sentry wells 1-88; 02-13M1, M2, M3; and Bourne Far Field well MW-213M3 had detections of perchlorate. The results were similar to the previous sampling rounds.
- Groundwater samples from Bourne supply well 4036000-03G had a detection of perchlorate. This is the first time since March that perchlorate has been detected in this well.
- Groundwater samples from Bourne Far Field well MW-213M2 had detections of perchlorate and carbon tetrachloride. The results for perchlorate were similar to previous sampling rounds. This is the first time carbon tetrachloride has been detected in this well.

- Groundwater samples from MW-01M2 (Central Impact Area) and MW-114M1 (Demo Area
 1) had detections of RDX that were confirmed by PDA spectra. The results were similar to
 the previous sampling rounds.
- Groundwater samples from MW-114M2 (Demo Area 1) had detections of 2,6-DNT, 4A-DNT, RDX, and HMX that were confirmed by PDA spectra. The detection of 2,6-DNT was confirmed by PDA spectra, but with interference and was not detected in previous sampling rounds. The results for the other compounds were similar to previous sampling rounds.
- Groundwater samples from MW-19S (Demo Area 1) had detections of TNT, 2A-DNT, 4A-DNT, RDX and HMX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.
- Groundwater samples from MW-31M (Demo Area 1) had detections of RDX and HMX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.
- Groundwater samples from MW-31S (Demo Area 1) had detections of TNT; 2,4-DNT; 2A-DNT; 4A-DNT; RDX; and HMX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.
- Groundwater samples from MW-77M2 (Demo Area 1) had detections of 4A-DNT, RDX and HMX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.
- Groundwater samples from MW-227M1 (J-3 Range) had a detection of RDX that was confirmed by PDA spectra. This is the first sampling event and the results were consistent with profile results.
- Groundwater samples from MW-227M2 (J-3 Range) had detections of RDX and HMX that were confirmed by PDA spectra. This is the first sampling event and the results were consistent with profile results.
- Groundwater samples from MW-227M3 (J-3 Range) had a detection of nitroglycerin that
 was not confirmed by PDA spectra. This is the first sampling event and the results were
 consistent with profile results.
- Groundwater samples from seven Bourne Far Field wells had detections of chloroform.
- Groundwater profile samples from MW-234 (J2P-12) had detections of 1,3,5-trinitrobenzene (11 intervals), 1,3-dinitrobenzene (8 intervals), TNT (10 intervals), 2,4-DANT (6 intervals), 2,6-DNT (7 intervals), 2A-DNT (3 intervals), 2-nitrotoluene (7 intervals), 3-nitrotoluene (2 intervals), 4A-DNT (6 intervals), 4-nitrotoluene (9 intervals), RDX (9 intervals), nitroglycerin (19 intervals), HMX (4 intervals), PETN (1 interval), picric acid (10 intervals), perchlorate (5 intervals), 1,2,4-trichlorobenzene (1 interval), acetone (23 intervals), benzene (1 interval), chloroform (19 intervals), chloromethane (1 interval), and 2-butanone (13 intervals). The detections of 2A-DNT, four detections of 4A-DNT, one detection of RDX and one detection of HMX were confirmed by PDA spectra. Several other detections of RDX, one detection of HMX, two detections of 2,6-DNT, and one detection of 2,4-DANT were also confirmed by PDA spectra, but with interference.

3. DELIVERABLES SUBMITTED

Weekly Progress Update for August 5 – August 9, 2002

08/16/02

4. SCHEDULED ACTIONS

Scheduled actions for the week of August 19 include complete well installation at MW-234 (J2P-12), complete drilling at MW-233 (WS4P-2), and commence drilling at CIAP-24.

5. SUMMARY OF ACTIVITIES FOR DEMO 1

Additional delineation of the downgradient portion of the groundwater plume is being conducted prior to finalizing the Feasibility Study for the Groundwater Operable Unit and as the Interim Action for groundwater remediation is being designed. Pumping and treating groundwater at the toe of the Demo 1 plume and at Frank Perkins Road has been selected as an Interim Action to address the Demo 1 Area Groundwater Operable Unit. A Rapid Response Action/Release Abatement Measure (RRA/RAM) is also being planned to address soil contamination at Demo 1.

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
90MW0034-E	FIELDQC	08/13/2002	FIELDQC	0.00	0.00		
ABB0039AAE	FIELDQC	08/15/2002	FIELDQC	0.00	0.00		
ABB0039AAF	FIELDQC	08/15/2002	FIELDQC	0.00	0.00		
BHW215083A-E	FIELDQC	08/14/2002	FIELDQC	0.00	0.00		
BHW215083C-E	FIELDQC	08/14/2002	FIELDQC	0.00	0.00		
BHW215083C-T	FIELDQC	08/14/2002	FIELDQC	0.00	0.00		
G234DDE	FIELDQC	08/12/2002	FIELDQC	0.00	0.00		
G234DOE	FIELDQC	08/13/2002	FIELDQC	0.00	0.00		
G234DPT	FIELDQC	08/13/2002	FIELDQC	0.00	0.00		
G234DVE	FIELDQC	08/14/2002	FIELDQC	0.00	0.00		
W213M1T	FIELDQC	08/12/2002	FIELDQC	0.00	0.00		
W84M1T	FIELDQC	08/15/2002	FIELDQC	0.00	0.00		
4036000-01G	4036000-01G	08/14/2002	GROUNDWATER				
4036000-03G	4036000-03G	08/14/2002	GROUNDWATER				
4036000-04G	4036000-04G	08/14/2002	GROUNDWATER				
4036000-06G	4036000-06G	08/14/2002	GROUNDWATER				
90MW0034-A	90MW0034	08/13/2002	GROUNDWATER	93.71	98.59	25.46	30.34
BHW215083A-A	BHW215083	08/14/2002	GROUNDWATER	200.00	210.00	139.65	149.65
BHW215083B-A	BHW215083	08/13/2002	GROUNDWATER	75.00	85.00	15.00	25.00
BHW215083C-A	BHW215083	08/13/2002	GROUNDWATER	65.00	75.00	4.60	14.60
BHW215083D-A	BHW215083	08/14/2002	GROUNDWATER	137.00	147.00	76.65	86.65
TW1-88AA	1-88	08/14/2002	GROUNDWATER				67.40
TW1-88AD	1-88	08/14/2002	GROUNDWATER				67.40
W02-12M1A	02-12	08/14/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M1D	02-12	08/14/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M2A	02-12	08/14/2002	GROUNDWATER	94.00	104.00	43.21	53.21
W02-12M3A	02-12	08/14/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-13M1A	02-13	08/14/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M2A	02-13	08/14/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M3A	02-13	08/14/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W03DDA	MW-03	08/14/2002	GROUNDWATER	262.00	267.00	219.00	224.00
W03M1A	MW-03	08/14/2002	GROUNDWATER	240.00	245.00	196.00	201.00
W03M2A	MW-03	08/15/2002	GROUNDWATER	182.00	185.00	136.00	141.00
W103M1A	MW-103	08/12/2002	GROUNDWATER	298.00	308.00	156.00	166.00
W103M1D	MW-103	08/12/2002	GROUNDWATER	298.00	308.00	156.00	166.00
W103M2A	MW-103	08/12/2002	GROUNDWATER	282.00	292.00	140.00	150.00
W106M1A	MW-106	08/15/2002	GROUNDWATER	170.50	180.50	38.00	48.00
W106M1D	MW-106	08/15/2002	GROUNDWATER	170.50	180.50	38.00	48.00
W106M2A	MW-106	08/14/2002	GROUNDWATER	-	150.50		
W123M1A	MW-123	08/12/2002	GROUNDWATER	291.00	301.00	153.00	163.00
W123M2A	MW-123	08/12/2002	GROUNDWATER	236.00			
W124M1A	MW-124	08/12/2002	GROUNDWATER	-	244.00		
W124M2A	MW-124	08/12/2002	GROUNDWATER		229.00		
W124M3A	MW-124	08/12/2002	GROUNDWATER	160.00			

Profiling methods include: Volatiles, Explosives and Perchlorate

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

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W133M1A	MW-133	08/12/2002	GROUNDWATER	352.00	362.00	136.00	146.00
W133M2A	MW-133	08/12/2002	GROUNDWATER	321.00	331.00	105.00	115.00
W141M1A	MW-141	08/12/2002	GROUNDWATER	190.00	200.00	62.00	72.00
W141M2A	MW-141	08/12/2002	GROUNDWATER	162.00	172.00	34.00	44.00
W141SSA	MW-141	08/13/2002	GROUNDWATER	128.00	138.00	0.00	10.00
W152M1A	MW-152	08/12/2002	GROUNDWATER	250.00	260.00	144.00	154.00
W152M2A	MW-152	08/12/2002	GROUNDWATER	154.00	164.00	48.00	58.00
W160SSA	MW-160	08/13/2002	GROUNDWATER	137.50	147.50	5.00	15.00
W161SSA	MW-161	08/13/2002	GROUNDWATER	145.50	155.50	6.00	16.00
W16DDA	MW-16	08/13/2002	GROUNDWATER	355.00	360.00	223.00	228.00
W175M1A	MW-175	08/12/2002	GROUNDWATER	264.00	274.00	136.40	146.40
W175M2A	MW-175	08/13/2002	GROUNDWATER	199.00	209.00	71.66	81.66
W175M2D	MW-175	08/13/2002	GROUNDWATER	199.00	209.00	71.66	81.66
W175M3A	MW-175	08/13/2002	GROUNDWATER	162.00	172.00	34.65	39.65
W17DDA	MW-17	08/13/2002	GROUNDWATER	320.00	330.00	196.00	206.00
W17M1A	MW-17	08/13/2002	GROUNDWATER	220.00	230.00	96.00	106.00
W17M2A	MW-17	08/13/2002	GROUNDWATER	190.00	200.00	66.00	76.00
W17M3A	MW-17	08/13/2002	GROUNDWATER	160.00	170.00	36.00	46.00
W23DDA	MW-23	08/15/2002	GROUNDWATER	272.00	282.00	149.00	159.00
W23M1A	MW-23	08/15/2002	GROUNDWATER	225.00	235.00	103.00	113.00
W23M2A	MW-23	08/15/2002	GROUNDWATER	189.00	194.00	67.00	72.00
W23M2D	MW-23	08/15/2002	GROUNDWATER	189.00	194.00	67.00	72.00
W23M3A	MW-23	08/15/2002	GROUNDWATER	156.00	161.00	34.00	39.00
W37M1A	MW-37	08/13/2002	GROUNDWATER	181.00	191.00	62.00	72.00
W37M2A	MW-37	08/13/2002	GROUNDWATER	145.00	155.00	26.00	36.00
W37M3A	MW-37	08/13/2002	GROUNDWATER	130.00	140.00	11.00	21.00
W39M1A	MW-39	08/15/2002	GROUNDWATER	220.00	230.00	84.00	94.00
W39M1D	MW-39	08/15/2002	GROUNDWATER	220.00	230.00	84.00	94.00
W39M2A	MW-39	08/15/2002	GROUNDWATER	175.00	185.00	39.00	49.00
W40M1A	MW-40	08/13/2002	GROUNDWATER	132.50	142.50	13.00	23.00
W41M1A	MW-41	08/15/2002	GROUNDWATER	235.00	245.00	108.00	118.00
W41M2A	MW-41	08/15/2002	GROUNDWATER	194.00	204.00	67.00	77.00
W43M1A	MW-43	08/15/2002	GROUNDWATER	223.00	233.00	90.00	100.00
W44M1A	MW-44	08/15/2002	GROUNDWATER	182.00	192.00	53.00	63.00
W44M2A	MW-44	08/15/2002	GROUNDWATER	142.00	152.00	13.00	23.00
W50DDA	MW-50	08/14/2002	GROUNDWATER	237.00	247.00	119.00	129.00
W50M1A	MW-50	08/14/2002	GROUNDWATER	207.00	217.00		99.00
W50M2A	MW-50	08/14/2002	GROUNDWATER	177.00	187.00	59.00	69.00
W50M3A	MW-50	08/14/2002	GROUNDWATER	147.00	157.00	29.00	39.00
W84DDA	MW-84	08/15/2002	GROUNDWATER	190.00	200.00	153.00	163.00
W84M1A	MW-84	08/15/2002	GROUNDWATER	140.00	150.00	103.00	113.00
W84M2A	MW-84	08/15/2002	GROUNDWATER	104.00	114.00	67.00	77.00
W84M3A	MW-84	08/14/2002	GROUNDWATER	79.00	89.00	42.00	52.00
W84SSA	MW-84	08/15/2002	GROUNDWATER	54.00	64.00	17.00	27.00

Profiling methods include: Volatiles, Explosives and Perchlorate

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W86M1A	MW-86	08/15/2002	GROUNDWATER	147.00	157.00	66.00	76.00
DW081202-NV	GAC WATER	08/12/2002	IDW				
SC22701	SOIL CUTTINGS	08/13/2002	IDW				
SC22801	SOIL CUTTINGS	08/13/2002	IDW				
SC22901	SOIL CUTTINGS	08/13/2002	IDW				
SC23001	SOIL CUTTINGS	08/13/2002	IDW				
SC23101	SOIL CUTTINGS	08/13/2002	IDW				
SC23201	SOIL CUTTINGS	08/13/2002	IDW				
G233DMA	MW-233	08/14/2002	PROFILE	340.00	340.00	123.55	123.55
G233DNA	MW-233	08/14/2002	PROFILE	350.00	350.00	133.55	133.55
G233DOA	MW-233	08/14/2002	PROFILE	360.00	360.00	143.55	143.55
G233DPA	MW-233	08/14/2002	PROFILE	370.00	370.00	153.55	153.55
G233DQA	MW-233	08/14/2002	PROFILE	380.00	380.00	163.55	163.55
G234DDA	MW-234	08/12/2002	PROFILE	140.00	140.00	32.05	32.05
G234DEA	MW-234	08/12/2002	PROFILE	150.00	150.00	42.05	42.05
G234DFA	MW-234	08/12/2002	PROFILE	160.00	160.00	52.05	52.05
G234DFD	MW-234	08/12/2002	PROFILE	160.00	160.00	52.05	52.05
G234DGA	MW-234	08/12/2002	PROFILE	170.00	170.00	62.05	62.05
G234DHA	MW-234	08/12/2002	PROFILE	180.00	180.00	72.05	72.05
G234DIA	MW-234	08/12/2002	PROFILE	190.00	190.00	82.05	82.05
G234DJA	MW-234	08/12/2002	PROFILE	200.00			92.05
G234DKA	MW-234	08/12/2002	PROFILE	210.00			102.05
G234DLA	MW-234	08/12/2002	PROFILE	220.00			112.05
G234DMA	MW-234	08/12/2002	PROFILE	230.00			122.05
G234DNA	MW-234	08/12/2002	PROFILE	240.00			132.05
G234DOA	MW-234	08/13/2002	PROFILE	250.00			142.05
G234DPA	MW-234	08/13/2002	PROFILE	260.00		152.05	152.05
G234DQA	MW-234	08/13/2002	PROFILE	270.00		162.05	162.05
G234DRA	MW-234	08/13/2002	PROFILE	280.00		172.05	172.05
G234DSA	MW-234	08/13/2002	PROFILE	290.00		182.05	182.05
G234DTA	MW-234	08/13/2002	PROFILE	300.00			192.05
G234DUA	MW-234	08/13/2002	PROFILE	310.00			202.05
G234DVA	MW-234	08/14/2002	PROFILE	320.00			212.05
G234DWA	MW-234	08/14/2002	PROFILE		330.00		222.05
G234DXA	MW-234	08/14/2002	PROFILE		340.00		
G234DYA	MW-234	08/14/2002	PROFILE		347.00		239.05
ABB0039AAA	B-39	08/15/2002	SOIL BORING	5.00			
ABB0039BAA	B-39	08/15/2002	SOIL BORING	10.00			
ABB0039CAA	B-39	08/15/2002	SOIL BORING	20.00			
ABB0039DAA	B-39	08/15/2002	SOIL BORING	30.00			
ABB0039DAD	B-39	08/15/2002	SOIL BORING	30.00			
ABB0039EAA	B-39	08/15/2002	SOIL BORING	40.00	42.00		
LKSNK0005AAA	LKSNK0005	08/14/2002	SURFACE WATER				
LKSNK0006AAA	LKSNK0006	08/14/2002	SURFACE WATER				

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LKSNK0007AAA	LKSNK0007	08/14/2002	SURFACE WATER				

Profiling methods include: Volatiles, Explosives and Perchlorate

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
4036000-03G	4036000-03G	08/14/2002	GROUNDWATEF					E314.0	PERCHLORATE	
TW1-88AA	1-88	08/14/2002	GROUNDWATER				67.40	E314.0	PERCHLORATE	
W01M2A	MW-01	08/09/2002	GROUNDWATER	160.00	165.00	44.00	49.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,	YES
W02-13M1A	02-13	08/14/2002	GROUNDWATER	98.00	108.00	58.33	68.33	E314.0	PERCHLORATE	
W02-13M2A	02-13	08/14/2002	GROUNDWATER	83.00	93.00	44.20		E314.0	PERCHLORATE	
W02-13M3A	02-13	08/14/2002		68.00	78.00	28.30		E314.0	PERCHLORATE	
W114M1A	MW-114	08/09/2002	GROUNDWATER			96.00			HEXAHYDRO-1,3,5-TRINITRO-1,	YES
W114M2A	MW-114	08/09/2002	GROUNDWATER	120.00	130.00	39.00		8330N	2,6-DINITROTOLUENE	YES*
W114M2A	MW-114	08/09/2002	GROUNDWATEF	120.00	130.00	39.00	49.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W114M2A	MW-114	08/09/2002	GROUNDWATER	120.00	130.00	39.00		8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	YES
W114M2A	MW-114	08/09/2002	GROUNDWATER	120.00	130.00	39.00	49.00	8330N	OCTAHYDRO-1,3,5,7-TETRANIT	YES
W19SSA	MW-19		GROUNDWATER		48.00	0.00		8330N	2,4,6-TRINITROTOLUENE	YES
W19SSA	MW-19	08/07/2002	GROUNDWATER		48.00	0.00		8330N	2-AMINO-4,6-DINITROTOLUENE	
W19SSA	MW-19	08/07/2002	GROUNDWATER	38.00	48.00	0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W19SSA	MW-19	08/07/2002	GROUNDWATEF		48.00	0.00		8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	YES
W19SSA	MW-19	08/07/2002	GROUNDWATER	38.00	48.00	0.00		8330N	OCTAHYDRO-1,3,5,7-TETRANIT	YES
W213M2A	MW-213	08/10/2002	GROUNDWATER	89.00	99.00	41.15	51.15	E314.0	PERCHLORATE	
W213M2A	MW-213	08/10/2002	GROUNDWATER	89.00	99.00	41.15		OC21V	CARBON TETRACHLORIDE	
W213M3A	MW-213	08/10/2002	GROUNDWATER		82.00	98.60		E314.0	PERCHLORATE	
W227M1A	MW-227	08/05/2002	GROUNDWATER	130.00	140.00	76.38		8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	YES
W227M2A	MW-227	08/06/2002	GROUNDWATER	110.00	120.00	56.38		8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	YES
W227M2A	MW-227	08/06/2002	GROUNDWATER	110.00	120.00	56.38	66.38	8330N	OCTAHYDRO-1,3,5,7-TETRANIT	YES
W227M3A	MW-227	08/06/2002	GROUNDWATER	65.00	75.00	11.39	21.39	8330N	NITROGLYCERIN	NO
W31MMA	MW-31	08/07/2002	GROUNDWATER	113.00	123.00	28.00	38.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	YES
W31MMA	MW-31	08/07/2002	GROUNDWATER	113.00	123.00	28.00	38.00	8330N	OCTAHYDRO-1,3,5,7-TETRANIT	YES
W31SSA	MW-31	08/07/2002	GROUNDWATER			13.00		8330N	2,4,6-TRINITROTOLUENE	YES
W31SSA	MW-31	08/07/2002	GROUNDWATER	98.00	103.00	13.00	18.00	8330N	2,4-DINITROTOLUENE	YES
W31SSA	MW-31	08/07/2002	GROUNDWATER	98.00	103.00	13.00	18.00	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W31SSA	MW-31	08/07/2002	GROUNDWATER	98.00	103.00	13.00		8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W31SSA	MW-31	08/07/2002	GROUNDWATER	98.00	103.00	13.00	18.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	YES
W31SSA	MW-31	08/07/2002	GROUNDWATER	98.00	103.00	13.00	18.00	8330N	OCTAHYDRO-1,3,5,7-TETRANIT	YES
W77M2A	MW-77	08/07/2002	GROUNDWATEF	120.00	130.00	38.00	48.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES

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W77M2A	MW-77	08/07/2002	GROUNDWATER	120.00	130.00	38.00	48.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	YES
W77M2A	MW-77	08/07/2002	GROUNDWATER	120.00	130.00	38.00	48.00	8330N	OCTAHYDRO-1,3,5,7-TETRANIT	YES
W83DDA	MW-83	08/10/2002	GROUNDWATER	142.00	152.00	109.00	119.00	OC21V	CHLOROFORM	
W83M1A	MW-83	08/10/2002	GROUNDWATER	110.00	120.00	77.00	87.00	OC21V	CHLOROFORM	
W83M2A	MW-83	08/10/2002	GROUNDWATER	85.00	95.00	52.00	62.00	OC21V	CHLOROFORM	
W83M3A	MW-83	08/10/2002	GROUNDWATER	60.00	70.00	27.00	37.00	OC21V	CHLOROFORM	
W213M1A	MW-213	08/10/2002	GROUNDWATER	133.00	143.00	85.01	95.01	OC21V	CHLOROFORM	
W213M2A	MW-213	08/10/2002	GROUNDWATER	89.00	99.00	41.15	51.15	OC21V	CHLOROFORM	
W213M3A	MW-213	08/10/2002	GROUNDWATER	77.00	82.00	98.60	108.60	OC21V	CHLOROFORM	
G234DAA	MW-234	08/08/2002	PROFILE	110.00	110.00	2.05	2.05	8330N	2,4,6-TRINITROTOLUENE	NO
G234DAA	MW-234	08/08/2002	PROFILE	110.00	110.00	2.05	2.05	8330N	2,6-DINITROTOLUENE	NO
G234DAA	MW-234	08/08/2002	PROFILE	110.00	110.00	2.05		8330N	2-AMINO-4,6-DINITROTOLUENE	YES
G234DAA	MW-234	08/08/2002	PROFILE	110.00	110.00	2.05	2.05	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
G234DAA	MW-234	08/08/2002	PROFILE	110.00	110.00	2.05		8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	YES*
G234DAA	MW-234	08/08/2002	PROFILE	110.00	110.00	2.05		8330N	NITROGLYCERIN	NO
G234DAA	MW-234	08/08/2002	PROFILE	110.00	110.00	2.05		E314.0	PERCHLORATE	
G234DAA	MW-234	08/08/2002	PROFILE	110.00	110.00	2.05		OC21V	ACETONE	
G234DAA	MW-234	08/08/2002	PROFILE	110.00		2.05		OC21V	CHLOROMETHANE	
G234DBA	MW-234	08/09/2002		120.00	120.00	12.05		8330N	1,3,5-TRINITROBENZENE	NO
G234DBA	MW-234	08/09/2002		120.00	120.00	12.05		8330N	1,3-DINITROBENZENE	NO
G234DBA	MW-234	08/09/2002	PROFILE	120.00	120.00	12.05	12.05	8330N	2,4,6-TRINITROTOLUENE	NO
G234DBA	MW-234	08/09/2002		120.00		12.05		8330N	2,4-DIAMINO-6-NITROTOLUENE	
G234DBA	MW-234	08/09/2002		120.00		12.05		8330N	2-AMINO-4,6-DINITROTOLUENE	
G234DBA	MW-234	08/09/2002	PROFILE	120.00		12.05		8330N	2-NITROTOLUENE	NO
G234DBA	MW-234	08/09/2002	PROFILE	120.00	120.00	12.05		8330N	4-AMINO-2,6-DINITROTOLUENE	YES
G234DBA	MW-234	08/09/2002		120.00	120.00	12.05		8330N	4-NITROTOLUENE	NO
G234DBA	MW-234	08/09/2002		120.00	120.00	12.05		8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	YES*
G234DBA	MW-234	08/09/2002		120.00		12.05		8330N	NITROGLYCERIN	NO
G234DBA	MW-234	08/09/2002		120.00		12.05		8330N	PICRIC ACID	NO
G234DBA	MW-234	08/09/2002	PROFILE	120.00	120.00	12.05		E314.0	PERCHLORATE	
G234DBA	MW-234	08/09/2002		120.00	120.00	12.05		OC21V	1,2,4-TRICHLOROBENZENE	
G234DBA	MW-234	08/09/2002	PROFILE	120.00	120.00	12.05	12.05	OC21V	ACETONE	

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G234DBA	MW-234	08/09/2002	PROFILE	120.00	120.00	12.05	12.05	OC21V	METHYL ETHYL KETONE (2-BU)	
G234DCA	MW-234	08/09/2002	PROFILE	130.00	130.00	22.05	22.05	8330N	1,3,5-TRINITROBENZENE	NO
G234DCA	MW-234	08/09/2002	PROFILE	130.00	130.00	22.05	22.05	8330N	1,3-DINITROBENZENE	NO
G234DCA	MW-234	08/09/2002	PROFILE	130.00	130.00	22.05	22.05	8330N	2,4,6-TRINITROTOLUENE	NO
G234DCA	MW-234	08/09/2002	PROFILE	130.00	130.00	22.05	22.05	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
G234DCA	MW-234	08/09/2002	PROFILE	130.00	130.00	22.05		8330N	4-AMINO-2,6-DINITROTOLUENE	YES
G234DCA	MW-234	08/09/2002	PROFILE	130.00	130.00	22.05		8330N	4-NITROTOLUENE	NO
G234DCA	MW-234	00.00.00	PROFILE	130.00	130.00	22.05		8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	YES*
G234DCA	MW-234	08/09/2002	PROFILE	130.00		22.05		8330N	NITROGLYCERIN	NO
G234DCA	MW-234	08/09/2002	PROFILE	130.00		22.05		8330N	PICRIC ACID	NO
G234DCA	MW-234	08/09/2002	PROFILE	130.00		22.05		E314.0	PERCHLORATE	
G234DCA	MW-234	08/09/2002	PROFILE	130.00	130.00	22.05		OC21V	ACETONE	
G234DDA	MW-234	08/12/2002	PROFILE	140.00		32.05		8330N	4-AMINO-2,6-DINITROTOLUENE	
G234DDA	MW-234	08/12/2002	PROFILE	140.00		32.05		8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	YES
G234DDA	MW-234	08/12/2002	PROFILE	140.00	140.00	32.05		8330N	NITROGLYCERIN	NO
G234DDA	MW-234	08/12/2002	PROFILE	140.00	140.00	32.05		8330N	OCTAHYDRO-1,3,5,7-TETRANIT	YES
G234DDA	MW-234	08/12/2002	PROFILE	140.00	140.00	32.05		E314.0	PERCHLORATE	
G234DDA	MW-234		PROFILE	140.00		32.05		OC21V	ACETONE	
G234DEA	MW-234	08/12/2002	PROFILE	150.00	150.00	42.05		8330N	NITROGLYCERIN	NO
G234DEA	MW-234	08/12/2002	PROFILE	150.00	150.00	42.05		OC21V	ACETONE	
G234DEA	MW-234	08/12/2002	PROFILE	150.00	150.00	42.05		OC21V	CHLOROFORM	
G234DFA	MW-234	08/12/2002	PROFILE	160.00	160.00	52.05	52.05	8330N	NITROGLYCERIN	NO
G234DFA	MW-234	08/12/2002	PROFILE	160.00		52.05		OC21V	ACETONE	
G234DFA	MW-234	08/12/2002	PROFILE	160.00	160.00	52.05		OC21V	CHLOROFORM	
G234DFD	MW-234	08/12/2002	PROFILE	160.00	160.00	52.05	52.05	8330N	NITROGLYCERIN	NO
G234DFD	MW-234	08/12/2002	PROFILE	160.00	160.00	52.05		OC21V	ACETONE	
G234DFD	MW-234	08/12/2002	PROFILE	160.00	160.00	52.05		OC21V	CHLOROFORM	
G234DGA	MW-234	08/12/2002	PROFILE	170.00	170.00	62.05		8330N	1,3,5-TRINITROBENZENE	NO
G234DGA	MW-234	08/12/2002	PROFILE	170.00	170.00	62.05		8330N	1,3-DINITROBENZENE	NO
G234DGA	MW-234	08/12/2002	PROFILE	170.00	170.00	62.05		8330N	2,4,6-TRINITROTOLUENE	NO
G234DGA	MW-234	08/12/2002	PROFILE	170.00	170.00	62.05		8330N	2-NITROTOLUENE	NO
G234DGA	MW-234	08/12/2002	PROFILE	170.00	170.00	62.05	62.05	8330N	4-NITROTOLUENE	NO

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G234DGA	MW-234	08/12/2002	PROFILE	170.00	170.00	62.05	62.05	8330N	NITROGLYCERIN	NO
G234DGA	MW-234	08/12/2002	PROFILE	170.00	170.00	62.05	62.05	8330N	PICRIC ACID	NO
G234DGA	MW-234	08/12/2002	PROFILE	170.00	170.00	62.05	62.05	OC21V	ACETONE	
G234DGA	MW-234	08/12/2002	PROFILE	170.00	170.00	62.05	62.05	OC21V	CHLOROFORM	
G234DGA	MW-234	08/12/2002	PROFILE	170.00	170.00	62.05	62.05	OC21V	METHYL ETHYL KETONE (2-BU	
G234DHA	MW-234	08/12/2002	PROFILE	180.00	180.00	72.05	72.05	OC21V	ACETONE	
G234DHA	MW-234	08/12/2002	PROFILE	180.00	180.00	72.05	72.05	OC21V	CHLOROFORM	
G234DIA	MW-234	08/12/2002	PROFILE	190.00	190.00	82.05	82.05	8330N	1,3,5-TRINITROBENZENE	NO
G234DIA	MW-234	08/12/2002	PROFILE	190.00	190.00	82.05	82.05	8330N	2,4,6-TRINITROTOLUENE	NO
G234DIA	MW-234	08/12/2002	PROFILE	190.00	190.00	82.05	82.05	8330N	NITROGLYCERIN	NO
G234DIA	MW-234	08/12/2002	PROFILE	190.00	190.00	82.05	82.05	E314.0	PERCHLORATE	
G234DIA	MW-234	08/12/2002	PROFILE	190.00	190.00	82.05	82.05	OC21V	ACETONE	
G234DIA	MW-234	08/12/2002	PROFILE	190.00		82.05		OC21V	CHLOROFORM	
G234DIA	MW-234	08/12/2002	PROFILE	190.00	190.00	82.05	82.05	OC21V	METHYL ETHYL KETONE (2-BU	
G234DJA	MW-234	08/12/2002	PROFILE	200.00	200.00	92.05	92.05	8330N	1,3,5-TRINITROBENZENE	NO
G234DJA	MW-234	08/12/2002	PROFILE	200.00	200.00	92.05	92.05	8330N	1,3-DINITROBENZENE	NO
G234DJA	MW-234	08/12/2002	PROFILE	200.00	200.00	92.05	92.05	8330N	2,4,6-TRINITROTOLUENE	NO*
G234DJA	MW-234	08/12/2002	PROFILE	200.00	200.00	92.05	92.05	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO*
G234DJA	MW-234	08/12/2002	PROFILE	200.00	200.00	92.05	92.05	8330N	2,6-DINITROTOLUENE	YES*
G234DJA	MW-234	08/12/2002	PROFILE	200.00	200.00	92.05	92.05	8330N	2-NITROTOLUENE	NO
G234DJA	MW-234	08/12/2002	PROFILE	200.00	200.00	92.05	92.05	8330N	3-NITROTOLUENE	NO
G234DJA	MW-234	08/12/2002	PROFILE	200.00	200.00	92.05	92.05	8330N	4-NITROTOLUENE	NO
G234DJA	MW-234	08/12/2002	PROFILE	200.00	200.00	92.05	92.05	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	NO*
G234DJA	MW-234	08/12/2002	PROFILE	200.00	200.00	92.05	92.05	8330N	NITROGLYCERIN	ИО
G234DJA	MW-234	08/12/2002	PROFILE	200.00	200.00	92.05	92.05	8330N	OCTAHYDRO-1,3,5,7-TETRANIT	NO*
G234DJA	MW-234	08/12/2002	PROFILE	200.00	200.00	92.05	92.05	8330N	PICRIC ACID	NO
G234DJA	MW-234	08/12/2002	PROFILE	200.00	200.00	92.05	92.05	OC21V	ACETONE	
G234DJA	MW-234	08/12/2002	PROFILE	200.00	200.00	92.05	92.05	OC21V	CHLOROFORM	
G234DJA	MW-234	08/12/2002	PROFILE	200.00	200.00	92.05	92.05	OC21V	METHYL ETHYL KETONE (2-BU	
G234DKA	MW-234	08/12/2002	PROFILE		210.00	102.05	102.05	8330N	1,3,5-TRINITROBENZENE	NO
G234DKA	MW-234	08/12/2002	PROFILE	210.00	210.00	102.05	102.05	8330N	1,3-DINITROBENZENE	NO
G234DKA	MW-234	08/12/2002	PROFILE	210.00	210.00	102.05	102.05	8330N	2,4,6-TRINITROTOLUENE	NO

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G234DKA	MW-234	08/12/2002	PROFILE	210.00	210.00	102.05	102.05	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO*
G234DKA	MW-234	08/12/2002	PROFILE	210.00	210.00	102.05	102.05	8330N	2,6-DINITROTOLUENE	YES*
G234DKA	MW-234	08/12/2002	PROFILE	210.00	210.00	102.05	102.05	8330N	2-NITROTOLUENE	NO
G234DKA	MW-234	08/12/2002	PROFILE	210.00	210.00	102.05	102.05	8330N	4-NITROTOLUENE	NO
G234DKA	MW-234	08/12/2002	PROFILE	210.00	210.00	102.05	102.05	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	, NO*
G234DKA	MW-234	08/12/2002	PROFILE	210.00	210.00	102.05		8330N	NITROGLYCERIN	NO
G234DKA	MW-234	08/12/2002	PROFILE	210.00	210.00	102.05			PICRIC ACID	NO
G234DKA	MW-234	08/12/2002	PROFILE	210.00		102.05			ACETONE	
G234DKA	MW-234	08/12/2002		210.00		102.05		OC21V	CHLOROFORM	
G234DKA	MW-234	08/12/2002		210.00	210.00	102.05		OC21V	METHYL ETHYL KETONE (2-BU)	
G234DLA	MW-234	08/12/2002	PROFILE	220.00	220.00	112.05		8330N	NITROGLYCERIN	NO
G234DLA	MW-234	08/12/2002	_	220.00		112.05		OC21V	ACETONE	
G234DLA	MW-234	08/12/2002		220.00		112.05		OC21V	CHLOROFORM	
G234DLA	MW-234	08/12/2002		220.00		112.05			METHYL ETHYL KETONE (2-BU)	
G234DMA	MW-234	08/12/2002		230.00		122.05		OC21V	CHLOROFORM	
G234DNA	MW-234	08/12/2002		240.00		132.05		OC21V	ACETONE	
G234DNA	MW-234	08/12/2002	PROFILE	240.00	240.00	132.05		OC21V	CHLOROFORM	
G234DOA	MW-234	08/13/2002		250.00		142.05			1,3,5-TRINITROBENZENE	NO
G234DOA	MW-234	08/13/2002		250.00		142.05			4-AMINO-2,6-DINITROTOLUENE	#
G234DOA	MW-234	08/13/2002		250.00		142.05			4-NITROTOLUENE	NO
G234DOA	MW-234	08/13/2002		250.00		142.05			NITROGLYCERIN	NO
G234DOA	MW-234	08/13/2002		250.00		142.05			PICRIC ACID	NO
G234DOA	MW-234	08/13/2002	PROFILE	250.00	250.00	142.05	142.05	OC21V	ACETONE	
G234DOA	MW-234	08/13/2002		250.00	250.00	142.05	142.05	OC21V	CHLOROFORM	
G234DOA	MW-234	08/13/2002	PROFILE	250.00	250.00	142.05		OC21V	METHYL ETHYL KETONE (2-BU)	
G234DPA	MW-234	08/13/2002	PROFILE	260.00	260.00	152.05			ACETONE	
G234DPA	MW-234	08/13/2002		260.00		152.05			CHLOROFORM	
G234DPA	MW-234	08/13/2002	PROFILE	260.00	260.00	152.05		OC21V	METHYL ETHYL KETONE (2-BU)	1
G234DQA	MW-234	08/13/2002	PROFILE	270.00		162.05			1,3,5-TRINITROBENZENE	NO
G234DQA	MW-234	08/13/2002		270.00	270.00	162.05	162.05	8330N	1,3-DINITROBENZENE	NO
G234DQA	MW-234	08/13/2002	PROFILE	270.00	270.00	162.05	162.05	8330N	2,4,6-TRINITROTOLUENE	NO
G234DQA	MW-234	08/13/2002	PROFILE	270.00	270.00	162.05	162.05	8330N	2,4-DIAMINO-6-NITROTOLUENE	YES*

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G234DQA	MW-234	08/13/2002	PROFILE	270.00	270.00	162.05	162.05	8330N	2-NITROTOLUENE	NO
G234DQA	MW-234	08/13/2002	PROFILE	270.00	270.00	162.05	162.05	8330N	4-NITROTOLUENE	NO
G234DQA	MW-234	08/13/2002	PROFILE	270.00	270.00	162.05		8330N	NITROGLYCERIN	NO
G234DQA	MW-234	08/13/2002	PROFILE	270.00	270.00	162.05	162.05	8330N	PICRIC ACID	NO
G234DQA	MW-234	08/13/2002	PROFILE	270.00	270.00	162.05	162.05	OC21V	ACETONE	
G234DQA	MW-234	08/13/2002	PROFILE	270.00	270.00	162.05		OC21V	CHLOROFORM	
G234DQA	MW-234	08/13/2002	PROFILE	270.00		162.05		OC21V	METHYL ETHYL KETONE (2-BU)	
G234DRA	MW-234	08/13/2002	PROFILE	280.00		172.05			1,3,5-TRINITROBENZENE	NO
G234DRA	MW-234	08/13/2002		280.00	280.00	172.05			1,3-DINITROBENZENE	NO
G234DRA	MW-234	08/13/2002	PROFILE	280.00	280.00	172.05			2,4,6-TRINITROTOLUENE	NO
G234DRA	MW-234	08/13/2002	PROFILE	280.00	280.00	172.05			2,4-DIAMINO-6-NITROTOLUENE	
G234DRA	MW-234	08/13/2002		280.00		172.05			2,6-DINITROTOLUENE	NO*
G234DRA	MW-234	08/13/2002	PROFILE	280.00	280.00	172.05			2-NITROTOLUENE	NO
G234DRA	MW-234	08/13/2002		280.00		172.05			4-NITROTOLUENE	NO
G234DRA	MW-234	08/13/2002	PROFILE	280.00		172.05			HEXAHYDRO-1,3,5-TRINITRO-1,	NO*
G234DRA	MW-234	08/13/2002		280.00		172.05			NITROGLYCERIN	NO
G234DRA	MW-234	08/13/2002	PROFILE	280.00	280.00	172.05	172.05	8330N	OCTAHYDRO-1,3,5,7-TETRANIT	YES*
G234DRA	MW-234	08/13/2002		280.00		172.05			PICRIC ACID	NO
G234DRA	MW-234	08/13/2002	PROFILE	280.00		172.05		OC21V	ACETONE	
G234DRA	MW-234	08/13/2002		280.00	280.00	172.05			CHLOROFORM	
G234DRA	MW-234	08/13/2002		280.00		172.05		OC21V	METHYL ETHYL KETONE (2-BU)	
G234DSA	MW-234	08/13/2002	PROFILE	290.00	290.00	182.05	182.05	8330N	1,3,5-TRINITROBENZENE	NO
G234DSA	MW-234	08/13/2002		290.00		182.05			1,3-DINITROBENZENE	NO
G234DSA	MW-234	08/13/2002		290.00		182.05			2,4,6-TRINITROTOLUENE	NO
G234DSA	MW-234	08/13/2002		290.00		182.05			2,4-DIAMINO-6-NITROTOLUENE	
G234DSA	MW-234	08/13/2002		290.00		182.05			2,6-DINITROTOLUENE	NO*
G234DSA	MW-234	08/13/2002		290.00		182.05			2-NITROTOLUENE	NO
G234DSA	MW-234	08/13/2002		290.00		182.05	182.05		3-NITROTOLUENE	NO
G234DSA	MW-234	08/13/2002		290.00		182.05			4-NITROTOLUENE	NO
G234DSA	MW-234	08/13/2002		290.00		182.05		-	HEXAHYDRO-1,3,5-TRINITRO-1,	NO
G234DSA	MW-234	08/13/2002		290.00		182.05			NITROGLYCERIN	NO
G234DSA	MW-234	08/13/2002	PROFILE	290.00	290.00	182.05	182.05	8330N	OCTAHYDRO-1,3,5,7-TETRANIT	NO*

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G234DSA	MW-234	08/13/2002	PROFILE	290.00	290.00	182.05	182.05	8330N	PICRIC ACID	NO
G234DSA	MW-234	08/13/2002			290.00	182.05		OC21V	ACETONE	
G234DSA	MW-234	08/13/2002	PROFILE	290.00	290.00	182.05	182.05	OC21V	BENZENE	
G234DSA	MW-234	08/13/2002	PROFILE	290.00	290.00	182.05	182.05	OC21V	METHYL ETHYL KETONE (2-BU	
G234DTA	MW-234	08/13/2002		300.00	300.00	192.05	192.05	8330N	NITROGLYCERIN	NO
G234DTA	MW-234	08/13/2002		300.00	300.00	192.05	192.05	OC21V	ACETONE	
G234DTA	MW-234	08/13/2002			300.00	192.05		OC21V	CHLOROFORM	
G234DUA	MW-234	08/13/2002			310.00	202.05		8330N	NITROGLYCERIN	NO
G234DUA	MW-234	08/13/2002			310.00	202.05		OC21V	ACETONE	
G234DUA	MW-234	08/13/2002		310.00	310.00	202.05	202.05	OC21V	CHLOROFORM	
G234DUA	MW-234	08/13/2002			310.00		202.05		METHYL ETHYL KETONE (2-BU	
G234DVA	MW-234	08/14/2002	PROFILE	320.00	320.00	212.05	212.05	8330N	2,6-DINITROTOLUENE	NO*
G234DVA	MW-234	08/14/2002			320.00	212.05	212.05	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G234DVA	MW-234	08/14/2002		320.00	320.00	212.05	212.05	8330N	NITROGLYCERIN	NO*
G234DVA	MW-234	08/14/2002		0 - 0 - 0 - 0	320.00	212.05			PICRIC ACID	NO
G234DVA	MW-234	08/14/2002	PROFILE	320.00	320.00	212.05		OC21V	ACETONE	
G234DVA	MW-234	08/14/2002	PROFILE	320.00	320.00	212.05	212.05	OC21V	CHLOROFORM	
G234DWA	MW-234	08/14/2002		330.00	330.00	222.05	222.05	OC21V	ACETONE	
G234DWA	MW-234	08/14/2002		330.00	330.00	222.05	222.05	OC21V	CHLOROFORM	
G234DXA	MW-234	08/14/2002		340.00	340.00	232.05	232.05	OC21V	CHLOROFORM	
G234DYA	MW-234	08/14/2002		347.00	347.00	239.05	239.05	8330N	1,3,5-TRINITROBENZENE	NO
G234DYA	MW-234	08/14/2002		347.00	347.00	239.05	239.05	8330N	2,6-DINITROTOLUENE	NO*
G234DYA	MW-234	08/14/2002	PROFILE	347.00	347.00	239.05	239.05	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	, NO*
G234DYA	MW-234	08/14/2002		347.00	347.00	239.05	239.05	8330N	NITROGLYCERIN	NO
G234DYA	MW-234	08/14/2002	PROFILE	347.00	347.00	239.05	239.05	8330N	PENTAERYTHRITOL TETRANITI	NO
G234DYA	MW-234	08/14/2002	PROFILE	347.00	347.00	239.05	239.05	OC21V	ACETONE	
G234DYA	MW-234	08/14/2002	PROFILE	347.00	347.00	239.05	239.05	OC21V	METHYL ETHYL KETONE (2-BU	

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