WEEKLY PROGRESS UPDATE FOR JUNE 3 – JUNE 7, 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 June 3 through June 7, 2002.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of June 7 is summarized in Table 1.

	Table 1. Drilling prog	ress as of Ju	ıne 7, 2002	
Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-218	Snake Pond (J3P-25)	180	174	128-133; 98-103; 78-83
MW-219	Base Water Supply #4 (WS4P-1)	378	191	
MW-220	Central Impact Area (CIAP-11)	309	181	299-309; 248-258; 126-136
MW-223	Central Impact Area (CIAP-25)	270	178	
MW-224	Central Impact Area (CIAP-12)	303	181	
	v ground surface v water table			

Completed well installation of MW-218 (J3P-25) and MW-220 (CIAP-11), and completed drilling of MW-219 (WS4P-1), MW-223 (CIAP-25) and MW-224 (CIAP-12). 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-219, MW-223, and MW-224. Groundwater samples were collected from Bourne supply wells, far field, and monitoring wells, from recently installed wells, and as part of the April Long Term Groundwater Monitoring round. Groundwater samples were collected from residential wells. Water samples were collected from the GAC treatment system and the FS-12 treatment system influent and effluent. Soil samples were collected from Central Impact Area targets as part of the Central Impact Area perchlorate sampling and from Cleared Area 12 as part of the Gun and Mortar Firing Positions Additional Characterization soil sampling. Surface water samples were collected from Snake Pond.

As part of the Munitions Survey Project, pre-detonation soil samples were collected from the J-2 Range and U Range. Soil samples were collected from the J-1 and J-2 Range Polygons.

The following are the notes from the June 6, 2002 Technical Team meeting at the IAGWSPO:

<u>Participants</u>

Bill Gallagher (IAGWSPO)
Karen Wilson (IAGWSPO)
Desiree Moyer (EPA)
Ed Wise (ACE)
Rob Foti (ACE)
Maria Pologruto (AMEC)
Ken Gaynor (Jacobs)
Leo Montroy (Tt-phone)

Dave Hill (IAGWSPO) LTC Will Tyminski (JPO) Len Pinaud (MADEP) Heather Sullivan (ACE-phone) Marc Grant (AMEC-phone) John Rice (AMEC) Mike Goydas (Jacobs) Susan Stewart (Tt-phone) Pam Richardson (IAGWSPO)
Mike Jasinski (EPA)
Mark Panni (MADEP)
John MacPherson (ACE)
Kim Harriz (AMEC)
Jennifer Washburn (CH2M Hill)
Larry Hudgins (Tetra Tech)

Punchlist Items

- #2 Provide submittal date for USGS letter report on Snake Pond diffusion sampling (Guard). Dave Hill (IAGWSPO) to contact Denis LeBlanc.
- #3 Provide test results for chemical monitoring wells for WS-1, 2, 3 (JPO). Still waiting on results. Will Tyminski (JPO) indicated that JPO would forward information when it is available.
- #5/6 Provide Map and Plan for Site-Wide Perchlorate Characterization (Corps/AMEC) Map and Plan are being reviewed by Corps/Guard. Mike Jasinski (EPA) requested that information be forwarded by Monday 6/10 (by email if possible), so that the agencies have time to review the Plan prior to the Thursday's Tech meeting, where it is proposed to be discussed. Item to be discussed on next week's agenda and can be removed from Punchlist.
- #8 Provide SOW for age dating groundwater in Bourne area (Corps/Guard). During a conference call on Friday 5/31, MADEP, Guard, Corps, EPA and the USGS resolved that age dating would be completed at MW-80M1, M2, and M3, but not at MW-213M3 as had been discussed at the 5/30 Tech meeting.
- #15 <u>Provide ARA's Perchlorate method test results for selected Bourne wells (Guard/Corps).</u>
 All results have not been received to date.
- #16 Provide update on researching BOMARC solid rocket fuel propellant use, perchlorate content, disposal (ACE). Nick laiennaro (ACE) has made contact with an individual that is providing him with all necessary information, particularly regarding perchlorate content. Information can also be provided to the IRP Program.
- #17 <u>Arrange access to Snake Pond-area property owner to install J3P-26 (Guard).</u> Property owner is reported to have returned from vacation. Mike Minior (AFCEE) to arrange meeting with property owner.
- #20 <u>Provide previous Project Note regarding ASR process (Corps).</u> Project Note forwarded via email earlier.
- #21 <u>Provide table of ROAs versus status (Corps).</u> Table distributed at meeting. Mike Jasinski requested that this table be updated weekly and provided with the other Weekly Update deliverables by email.
- #22 Relay to BWD concerns regarding 02-06 proposed well location (Guard). This point was discussed at the 6/03 Bourne meeting.
- #23 <u>Provide enforceable milestone list (Corps).</u> List is included with other schedule and document information in the Weekly Update distribution email. TBD items to be discussed at 6/27 Tech meeting.

Munitions Survey Project Update

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

<u>J Range Polygons</u>. Except for Polygons 1&2, J-2 Range Polygons are completed. Crews are continuing polygon work on J-1 and J-3 Ranges. Excavation of J-1 Range Polygons 14 and 15 is complete; these polygons are being sampled today. Excavation of Polygon 10 to begin Friday 6/7. Excavation of J-3 Range Polygons 1-3 and 6-10 have been completed. Polygon 4 was investigated during Textron's drum removal; nothing other than the drums was reported to have been found. Textron is preparing a report on the drum removal. Polygon 5 was a culvert. 40MM grenades and scrap were uncovered in Polygons 6-10. Crews to begin excavation at Polygons 11 and 12. The Corps expects that the polygon excavations will be completed by the end of June with the exception of J-2 Polygons 1&2.

<u>Eastern Test Site</u> – ROA approval of excavation was received; scheduled to commence 7/1. <u>Scar Site</u> – Scrubbing is being conducted.

<u>BIPs</u> – Forty-six items from the UTES site (1 item) and J-2 Range Polygon 2 (29 items), Polygon 4 (8 items), and Polygon 10 (8 items) are scheduled to be BIPed on June 7, 2002:

- 1 2.36" HEAT Rocket, M6 with M400 BD Fuze
- 32 3.5" Practice Rockets, M29 with M404 BD Fuzes
- 4 5" A.R. Rocket Warheads, MK6MOD0/MOD1 with Unknown BD Fuzes
- 2 60MM Mortars, M49A2 HE with M525 PD Fuzes
- 6 30MM Projectiles, HEI with Unknown Fuzes
- 1 Suspected Improvised Explosive Device (Pipe Bomb)

Central Impact Area Update

John Rice (AMEC) provided information on the status of the Central Impact Area investigation.

- Data loggers are being installed for background data collection as part of the pump test.
 The Step Test is scheduled to commence on Wednesday, 6/12.
- Well installation is being conducted for CIAP-11 (MW-220); drilling is completed on CIAP-12 (MW-224) and CIAP-25 (MW-223). Screen selection likely to be conducted on Monday, 6/10.

Bourne Area Update

John Rice (AMEC) provided an update on the Bourne area investigation. Bill Gallagher (IAGWSPO) relayed topics discussed and agreements made as part of the Guard's 6/03 meeting with the BWD and Haley and Ward, Jeff Rose (DEP Water Supply), Corps, AMEC.

- Drilling has been completed for WS4P-1 (MW-219). Will commence drilling of BP-1 next week.
- Continuing groundwater sampling. Both wells 02-13 and 02-15 have been sampled. Well 02-10 is being developed. Data for all three wells is expected by the end of June.
- Tina Dolen (IAGWSPO) discussed the EPA/MADEP wishes/concerns related to attending technical discussions with the Bourne Water District and the Guard. The BWD was not receptive to the agencies' Remedial Project Managers attendance. The BWD biweekly meeting will focus on Drinking Water Supply. It was understood that major decisions would need to be brought to the Tech meeting for discussion.
- Guard agreed to sample 02-12 on a weekly schedule and to complete 3 rounds of VOC and explosive analysis on all monitoring wells prior to evaluating the possibility of discontinuing sampling for these parameters.
- BWD requested that VOC sampling be discontinued for the Production wells, since VOCs are an analysis completed by the BWD for the wells.
- BWD accepted to the Guard's request to reduce the reporting of the IAGWSP results from daily to weekly.

- Regarding the modeling scope, the BWD wanted to make sure that Base Water Supply Well #4 would be included in the transport modeling, and would like to know what grid spacing would be used for the model. These and other comments will be forwarded to the Guard in a letter.
- BWD requested that the MW-80 series wells continue to be sampled at a greater frequency than currently specified in the LTGM Plan (1X year). Guard to evaluate parameters and frequency.
- BWD agreed that drilling locations 02-06, 02-11, and 02-14 be put on hold pending receipt of outstanding data for existing new wells. The Guard stressed that the 02-06 location was in a cultural/historic sensitive area.
- BWD was considering turning on Bourne Water Supply Well #6. Samples collected during a pump test they conducted recently did not show any detections.
- Dr. Fred Cannon at Penn State University was completing treatment testing of the Bourne water. Data to be provided in the future.
- BWD will be provided with the Bourne Perchlorate Response Plan for their review and comment. BWD requested data/report of the Central Impact Area Column Test.
- Len Pinaud (MADEP) suggested that someone from the Guard notify BWD/Haley and Ward
 of next week's Fluidized Bed Reactor presentation and demonstration.
- Pump test results from Base Water Supply Well #4 showed no detections of perchlorate for the first two samples, still waiting on third sample. The BWD is proceeding under the assumption that the well will go on line for the Bourne water supply. BWD are considering requesting additional monitoring well installation upgradient of Base Water Supply Well #4.

MCP Coordination

Bill Gallagher (IAGWSPO) provided an overview of MCP coordination issues.

- The Guard is trying to put together a reporting schedule for MCP deliverables. This has been impeded somewhat by outstanding RTN numbers and inconsistencies in the DEP database related to reporting dates. Reporting dates provided on forms are not necessarily the dates listed in the database. Approximately 20 sites have issues.
- Mark Panni (MADEP) will work with MADEPs Emergency Response database entry to resolve reporting issues by 6/27 so that a schedule of MCP deliverable dates can be developed.
- MCP deliverable dates to be included in 6/27 Tech meeting discussion of Enforceable Milestones.
- RCS-1 exceedances were reported in three HUTAII Site Reports. This data will be included and evaluated in the Central Impact Area Soil Report. Therefore, the HUTAII reports will not be considered MCP deliverables.

Documents and Schedule

Marc Grant (AMEC) identified the following outstanding items that were a priority for the Guard to keep investigations on schedule.

1st Priority Former A, K, Demo 2 Report, TM 02-1. Expecting MOR approval.

2nd Priorities Munitions Management Plan with revised BIP Sampling Plan. Expecting

comments.

3rd Priority HUTA2 Site Report. Expecting comments shortly.

4th Priority MSP2 Reports (Demo 1, ASP, Former A and K, Slit Trench, BA-1). Expecting

MOR approval.

5th Priority Supplement to TM 01-1 Soil Background. Expecting comments.

Demo Area 1 EcoRisk Report RCL to be forwarded on 6/11. Looking for resolution meeting on 6/27.

Enforceable Milestones in jeopardy are Draft Final Central Impact Area Soil report – 8/20/02

(currently predicted to be 9/24) and J1/J3/L range Draft Final Report – 9/9 (currently predicted to be 12/17).

IART Agenda and Action Items

Pam Richardson (IAGWSPO) reviewed the June IART Agenda and Action Items.

- Current agenda and action items distributed.
- Mike Jasinski recommended that Presentation A include WSP-4 Pump Test information and agreements made with Bourne Water District. Mr. Jasinski also recommended that Ralph Marks (BWD) and Leo Yuskus (Haley and Ward) be personally invited to the meeting.
- Mr. Jasinski requested that the Investigations Update include a subheading of Recent Detections and New Monitoring Wells on the agenda.
- Action item #3 More explanation to be provided on why LRWS-10 was removed.
- Action item #5 Response to be edited to reflect that all maps covering the SE Ranges will have the former FUDs site and Former H Range designated.
- Action item #7 Ed Wise is drafting an explanation of the USACE's TERC contractor award relative to the annual appropriation from Congress for base cleanup as requested by David Dow (Sierra Club). Ms. Richardson to provide Mr. Wise with Mr. Dow's number and email address.

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 58MW007B (CS-19), MW-93M1; MW-95M1 and duplicate, M2; MW-96M2; MW-99S, M1; OW-6; MW-101M1; MW-105M1, M2; and MW-107M1, M2 (all Central Impact Area) had detections of RDX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.
- Groundwater samples from 58MW0016C (CS-19), MW-01M2, MW-85M1, MW-91M1 and duplicate, MW-93M2, MW-100M1, and MW-113M2 (Central Impact Area) had detections of RDX and HMX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.
- Groundwater samples from MW-113M1 (Central Impact Area) had detections of RDX that were confirmed by PDA spectra. This is the first time RDX has been detected in this well.

- Groundwater samples from MW-23M1 and OW-2 (Central Impact Area) had detections of RDX and HMX that were confirmed by PDA spectra. A duplicate sample from MW-23M1 also had a detection of RDX that was confirmed by PDA spectra. This is the first time HMX has been detected in these wells..
- Groundwater samples from MW-50M1 (Central Impact Area) had detections of 4A-DNT and RDX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.
- Groundwater samples from MW-91S (Central Impact Area) had detections of 2A-DNT, RDX and HMX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.
- Groundwater samples from MW-98S (Central Impact Area) had a detection of 4A-DNT that was confirmed by PDA spectra. The results were similar to previous sampling rounds.
- Groundwater samples from OW-1 and duplicate (Central Impact Area) had detections of 2A-DNT, 4A-DNT, RDX and HMX that were confirmed by PDA spectra. This is the first time that 2A-DNT was detected in this well.
- Groundwater samples from 90WT0004 (FS-12) had a detection of HMX that was confirmed by PDA spectra. The results were similar to previous sampling rounds.
- Groundwater samples from 90WT0013 (FS-12) had detections of 2,6-DNT, 2A-DNT, 2-nitrotoluene, 4A-DNT, and 4-nitrotoluene. The detection of 2,6-DNT was confirmed by PDA spectra, but with interference. These compounds have not been previous validated detections at this well.
- Groundwater samples from 90WT0019 (FS-12) had detections of 1,3,5-trinitrobenzene, 2,6-DNT, 2-nitrotoluene, 3-nitrotoluene, 4A-DNT, 4-nitrotoluene, nitroglycerin and picric acid. A duplicate sample had similar results except that picric acid was not detected and 1,3-dinitrobenzene was detected. None of these detections were confirmed by PDA spectra. 2,6-DNT has been previously validated as a detection in this well.
- Groundwater samples from 90SNP001 and 90SNP002 (FS-12) had detections of perchlorate. This is the first time perchlorate as been detected and the first analysis with an MDL of 0.35 ppb in these wells.
- Groundwater samples from 02-09M1, M2 (Bourne) had detections of perchlorate. This is
 the first time perchlorate has been detected in 02-09M1. The results from 02-09M2 were
 similar to previous sampling rounds.
- Groundwater samples from 1-88 (Bourne) had detections of acetone and toluene. The results were similar to previous sampling rounds.
- Groundwater samples from 02-02M2, 02-12M1, M2, M3 and duplicate; 02-13M3; and duplicate; and 02-15M1, M2, M3 (Bourne) had detections of acetone. Acetone has not been a previously validated detection in these wells.

- Groundwater samples from 02-05M2 (Bourne) and MW-80S (Far Field) had detections of chloromethane. Chloromethane has not been a previously validated detection in these wells.
- Groundwater samples from 02-05M3 (Bourne) had a detection of 1,2-dichloropropane. 1,2-dichloropropane has not been a previously validated detection in this well.
- Groundwater samples from 02-13M1 and M2 (Bourne) had detections of perchlorate and acetone. The results for perchlorate were similar to previous sampling rounds; acetone has not been a previously validated detection in these wells.
- Twenty wells and duplicate samples from Bourne and Far Field wells had detections of chloroform.
- Water samples from a former septic tank in the J-3 Range had detections of TNT, 2nitrotoluene, 4A-DNT, 4-nitrotoluene, and tetryl. The detections were not confirmed by PDA spectra.
- Groundwater profile samples from MW-219 (WS4P-1) had detections of 1,2,4-trichlorobenzene (1 interval), 2-hexanone (8 intervals), acetone (19 intervals), benzene (2 intervals), 2-butanone (19 intervals), methyl isobutyl ketone (4 intervals), carbon disulfide (1 interval), chloroethane (4 intervals), chloroform (15 intervals), chloromethane (2 intervals), toluene (1 interval), 2,4-DNT (1 interval), 2,6-DNT (8 intervals), 2-nitrotoluene (2 intervals), 3-nitrotoluene (5 intervals), 4A-DNT (5 intervals), 4-nitrotoluene (7 intervals), nitroglycerin (11 intervals), picric acid (8 intervals), and RDX (1 interval). Six detections of 2,6-DNT were confirmed by PDA spectra, two with interference. One detection of 2,6-DNT was not confirmed by PDA spectra, but with interference.
- Groundwater profile samples from MW-223 (CIAP-25) had detections of 2,6-DNT (1 interval), 4A-DNT (1 interval), 3-nitrotoluene (1 interval), nitroglycerin (9 intervals), picric acid (2 intervals), and RDX (3 intervals). The detections of RDX were confirmed by PDA spectra.
- Groundwater profile samples from MW-224 (CIAP-12) had detections of 2,6-DNT (3 intervals), 3-nitrotoluene (3 intervals), 4A-DNT (2 intervals), nitroglycerin (6 intervals), picric acid (4 intervals), and PETN (1 interval). One detection of 2,6-DNT and one detection of 3-nitrotoluene were confirmed by PDA spectra, but with interference. One detection of 3-nitrotoluene was not confirmed by PDA spectra, but with interference.

3. DELIVERABLES SUBMITTED

Monthly Progress Report No. 62 for June 2002	06/07/02
Weekly Progress Update for May 27 – May 31, 2002	06/07/02
Draft Summary Report April – June 2001 UXO Detonations	06/07/02

4. SCHEDULED ACTIONS

Scheduled actions for the week of June 10 include complete well installation on MW-219 (WS4P-1), MW-223 (CIAP-25) and MW-224 (CIAP-12). Commence drilling at MW-225 (D1P-13).

5. SUMMARY OF ACTIVITIES FOR DEMO 1

Additional delineation of the downgradient portion of the groundwater plume will be conducted prior to finalizing the Feasibility Study for the Groundwater Operable Unit. The installation of the next monitoring well D1P-13, located west of Pew Road, will commence next week. Options for Interim Actions to address the Groundwater Operable Unit continued to be evaluated.

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
J2.A.T10.013.1.0	Pre	06/06/2002	CRATER GRID	0.00	0.25		
J2.A.T15A.001.1.0	Pre	06/06/2002	CRATER GRID	0.00	0.25		
J2.A.T15A.002.1.0	Pre	06/06/2002	CRATER GRID	0.00	0.25		
J2.A.T15A.003.1.0	Pre	06/06/2002	CRATER GRID	0.00	0.25		
J2.A.T15A.004.1.0	Pre	06/06/2002	CRATER GRID	0.00	0.25		
J2.A.T15A.005.1.0	Pre	06/06/2002	CRATER GRID	0.00	0.25		
J2.A.T15A.006.1.0	Pre	06/06/2002	CRATER GRID	0.00	0.25		
J2.A.T2A.007.1.0	Pre	06/06/2002	CRATER GRID	0.00	0.25		
J2.A.T2A.015.1.0	Pre	06/06/2002	CRATER GRID	0.00	0.25		
J2.A.T2T.001.1.0	Pre	06/06/2002	CRATER GRID	0.00	0.25		
J2.A.T4.004.1.0	Pre	06/06/2002	CRATER GRID	0.00	0.25		
UT.A.001.1.0	Pre	06/06/2002	CRATER GRID	0.00	0.25		
UT.A.001.1.D	Pre	06/06/2002	CRATER GRID	0.00	0.25		
58MW0016AE	FIELDQC	06/03/2002	FIELDQC	0.00	0.00		
58MW0016AE	FIELDQC	06/05/2002	FIELDQC	0.00	0.00		
G219DLE	FIELDQC	06/04/2002	FIELDQC	0.00	0.00		
G223DBE	FIELDQC	06/03/2002	FIELDQC	0.00	0.00		
G224DOE	FIELDQC	06/05/2002	FIELDQC	0.00	0.00		
HC120A1AAE	FIELDQC	06/06/2002	FIELDQC	0.00	0.00		
HC182A1AAE	FIELDQC	06/06/2002	FIELDQC	0.00	0.00		
TW1-88BE	FIELDQC	06/06/2002	FIELDQC	0.00	0.00		
TW1-88E	FIELDQC	06/06/2002	FIELDQC	0.00	0.00		
W02-02M1E	FIELDQC	06/01/2002	FIELDQC	0.00	0.00		
W02-02M1T	FIELDQC	06/01/2002	FIELDQC	0.00	0.00		
W02-03M2F	FIELDQC	06/04/2002	FIELDQC	0.00	0.00		
W02-12M2E	FIELDQC	06/05/2002	FIELDQC	0.00	0.00		
W02-12M2T	FIELDQC	06/05/2002	FIELDQC	0.00	0.00		
W02-13M1F	FIELDQC	06/05/2002	FIELDQC	0.00	0.00		
W02-15M2E	FIELDQC	06/04/2002	FIELDQC	0.00	0.00		
W02-15M2E	FIELDQC	06/05/2002	FIELDQC	0.00	0.00		
W02-15M2T	FIELDQC	06/04/2002	FIELDQC	0.00	0.00		
10BRIARWOOD	10BRIARWOOD	06/05/2002	GROUNDWATER				
12BRIARWOOD	12BRIARWOOD	06/05/2002	GROUNDWATER				
14BRIARWOOD	14BRIARWOOD	06/05/2002	GROUNDWATER				
4036000-01G	4036000-01G	06/05/2002	GROUNDWATER			6.00	12.00
4036000-03G	4036000-03G	06/05/2002	GROUNDWATER			6.00	12.00
4036000-04G	4036000-04G	06/05/2002	GROUNDWATER			6.00	12.00
4036000-06G	4036000-06G	06/05/2002	GROUNDWATER			6.00	12.00
4BRIARWOOD	4BRIARWOOD	06/05/2002	GROUNDWATER				
58MW0007B	58MW0007B	06/04/2002	GROUNDWATER	187.70	192.70	49.00	54.00
58MW0007B	58MW0007B	06/05/2002	GROUNDWATER	187.70	192.70	49.00	54.00

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
58MW0007E	58MW0007E	06/05/2002	GROUNDWATER	134.00	139.00	0.00	5.00
58MW0009C	58MW0009C	06/04/2002	GROUNDWATER	168.21	173.21	41.57	47.57
58MW0009C	58MW0009C	06/05/2002	GROUNDWATER	168.21	173.21	41.57	47.57
58MW0009E	58MW0009E	06/03/2002	GROUNDWATER	133.40	138.40	6.50	11.50
58MW0011D	58MW0011D	06/03/2002	GROUNDWATER	175.40	180.40	49.50	54.50
58MW0011E	58MW0011E	06/03/2002	GROUNDWATER	145.00	150.00	15.70	20.70
58MW0016A	58MW0016A	06/03/2002	GROUNDWATER	175.90	185.10	54.22	63.22
58MW0016A	58MW0016A	06/05/2002	GROUNDWATER	175.90	185.10	54.22	63.22
58MW0016AD	58MW0016A	06/03/2002	GROUNDWATER	175.90	185.10	54.22	63.22
58MW0016AD	58MW0016A	06/05/2002	GROUNDWATER	175.90	185.10	54.22	63.22
58MW0016B	58MW0016B	06/03/2002	GROUNDWATER	151.09	160.74	28.50	38.50
58MW0016B	58MW0016B	06/05/2002	GROUNDWATER	151.09	160.74	28.50	38.50
58MW0016C	58MW0016C	06/04/2002	GROUNDWATER	116.70	126.33	0.00	10.00
58MW0016C	58MW0016C	06/05/2002	GROUNDWATER	116.70	126.33	0.00	10.00
TW1-88AA	01-88	06/05/2002	GROUNDWATER		102.90		67.40
TW1-88BA	01-88	06/06/2002	GROUNDWATER		105.50		69.60
W02-02M1A	02-02	06/03/2002	GROUNDWATER	114.50	124.50	63.50	73.50
W02-02M2A	02-02	06/03/2002	GROUNDWATER	94.50	104.50	42.65	52.65
W02-02SSA	02-02	06/03/2002	GROUNDWATER	49.50	59.50	0.00	10.00
W02-12M1A	02-12	06/05/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M2A	02-12	06/05/2002	GROUNDWATER	94.00	104.00	43.21	53.21
W02-12M3A	02-12	06/05/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-12M3D	02-12	06/05/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-13M1A	02-13	06/05/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M2A	02-13	06/05/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M3A	02-13	06/05/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-13M3D	02-13	06/05/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-15M1A	02-15	06/05/2002	GROUNDWATER	125.00	135.00	75.63	85.63
W02-15M2A	02-15	06/05/2002	GROUNDWATER	101.00	111.00	51.50	61.50
W02-15M3A	02-15	06/05/2002	GROUNDWATER	81.00	91.00	31.40	41.40
W07M1A	MW-7	06/04/2002	GROUNDWATER	240.00	245.00	135.00	140.00
W07M1D	MW-7	06/04/2002	GROUNDWATER	240.00	245.00	135.00	140.00
W07M2A	MW-7	06/04/2002	GROUNDWATER	170.00	175.00	65.00	70.00
W102M1A	MW-102	06/07/2002	GROUNDWATER	267.00	277.00	123.00	133.00
W102M1D	MW-102	06/07/2002	GROUNDWATER	267.00	277.00	123.00	133.00
W102M2A	MW-102	06/07/2002	GROUNDWATER	237.00	247.00	93.00	103.00
W102SSA	MW-102	06/07/2002	GROUNDWATER	145.00	155.00	1.00	11.00
W108DDA	MW-108	06/07/2002	GROUNDWATER	317.00	327.00	153.00	163.00
W108M2A	MW-108	06/07/2002	GROUNDWATER	282.00	292.00	118.00	128.00
W110M3A	MW-110	06/07/2002	GROUNDWATER	220.50	230.50	47.00	57.00
W128M2A	MW-128	06/05/2002	GROUNDWATER	104.00	114.00	17.00	27.00

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W128M2D	MW-128	06/05/2002	GROUNDWATER	104.00	114.00	17.00	27.00
W128SSA	MW-128	06/05/2002	GROUNDWATER	87.00	97.00	0.00	10.00
W133M1A	MW-133	06/07/2002	GROUNDWATER	352.00	362.00	136.00	146.00
W133M2A	MW-133	06/07/2002	GROUNDWATER	321.00	331.00	105.00	115.00
W160SSA	MW-160	06/03/2002	GROUNDWATER	137.50	147.50	5.00	15.00
W16DDA	MW-16	06/03/2002	GROUNDWATER	355.00	360.00	223.00	228.00
W16DDA	MW-16	06/03/2002	GROUNDWATER	355.00	360.00	223.00	228.00
W174SSA	MW-174	06/07/2002	GROUNDWATER	190.00	200.00	0.00	10.00
W19SSA	MW-19	06/04/2002	GROUNDWATER	38.00	48.00	0.00	10.00
W210M1A	MW-210	06/06/2002	GROUNDWATER	201.00	211.00	99.69	109.69
W210M2A	MW-210	06/06/2002	GROUNDWATER	155.00	166.00	54.69	64.69
W210M2D	MW-210	06/06/2002	GROUNDWATER	155.00	166.00	54.69	64.69
W210M3A	MW-210	06/06/2002	GROUNDWATER	121.00	131.00	19.68	29.68
W211M1A	MW-211	06/06/2002	GROUNDWATER	200.00	210.00	55.00	65.00
W211M2A	MW-211	06/06/2002	GROUNDWATER	175.00	185.00	29.70	39.70
W211M3A	MW-211	06/06/2002	GROUNDWATER	150.00	160.00	5.01	15.01
W212M1A	MW-212	06/07/2002	GROUNDWATER	335.00	345.00	125.60	135.60
W212M2A	MW-212	06/07/2002	GROUNDWATER	308.00	318.00	98.60	108.60
W213M1A	MW-213	06/06/2002	GROUNDWATER	133.00	143.00	85.01	95.01
W213M2A	MW-213	06/06/2002	GROUNDWATER	89.00	99.00	41.15	51.15
W213M3A	MW-213	06/07/2002	GROUNDWATER	308.00	318.00	98.60	108.60
W213M3D	MW-213	06/07/2002	GROUNDWATER	308.00	318.00	98.60	108.60
W57M3A	MW-57	06/04/2002	GROUNDWATER	117.00	127.00	31.00	41.00
W74M1A	MW-74	06/05/2002	GROUNDWATER	170.00	180.00	76.00	86.00
W74M3A	MW-74	06/05/2002	GROUNDWATER	100.00	110.00	6.00	16.00
W84DDA	MW-84	06/07/2002	GROUNDWATER	190.00	200.00	153.00	163.00
W84M1A	MW-84	06/07/2002	GROUNDWATER	140.00	150.00	103.00	113.00
W84M2A	MW-84	06/07/2002	GROUNDWATER	104.00	114.00	67.00	77.00
DW051602	GAC WATER	06/04/2002	IDW	0.00	0.00		
DW052402	GAC WATER	06/04/2002	IDW	0.00	0.00		
DW053002	GAC WATER	06/04/2002	IDW	0.00	0.00		
DW060602	GAC WATER	06/06/2002	IDW	0.00	0.00		
FS12TSEF	FS12TSEF	06/03/2002	PROCESS WATER	0.00	0.00		
FS12TSEF	FS12TSEF	06/05/2002	PROCESS WATER	0.00	0.00		
FS12TSIN	FS12TSIN	06/03/2002	PROCESS WATER	0.00	0.00		
FS12TSIN	FS12TSIN	06/05/2002	PROCESS WATER	0.00	0.00		
G219DGA	MW-219	06/03/2002	PROFILE	250.00	250.00	63.00	63.00
G219DHA	MW-219	06/03/2002	PROFILE	260.00	260.00	73.00	73.00
G219DIA	MW-219	06/03/2002	PROFILE	270.00	270.00	83.00	83.00
G219DIA	MW-219	06/04/2002	PROFILE	270.00	270.00	83.00	83.00
G219DJA	MW-219	06/03/2002	PROFILE	280.00	280.00	93.00	93.00

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G219DJA	MW-219	06/04/2002	PROFILE	280.00	280.00	93.00	93.00
G219DKA	MW-219	06/03/2002	PROFILE	290.00	290.00	103.00	103.00
G219DKA	MW-219	06/04/2002	PROFILE	290.00	290.00	103.00	103.00
G219DLA	MW-219	06/03/2002	PROFILE	300.00	300.00	113.00	113.00
G219DLA	MW-219	06/04/2002	PROFILE	300.00	300.00	113.00	113.00
G219DMA	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00
G219DMA	MW-219	06/05/2002	PROFILE	310.00	310.00	123.00	123.00
G219DMD	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00
G219DNA	MW-219	06/04/2002	PROFILE	320.00	320.00	133.00	133.00
G219DNA	MW-219	06/05/2002	PROFILE	320.00	320.00	133.00	133.00
G219DOA	MW-219	06/05/2002	PROFILE	330.00	330.00	143.00	143.00
G219DPA	MW-219	06/05/2002	PROFILE	340.00	340.00	153.00	153.00
G219DQA	MW-219	06/05/2002	PROFILE	350.00	350.00	163.00	163.00
G219DRA	MW-219	06/05/2002	PROFILE	360.00	360.00	173.00	173.00
G219DSA	MW-219	06/05/2002	PROFILE	370.00	370.00	183.00	183.00
G219DTA	MW-219	06/05/2002	PROFILE	380.00	380.00	193.00	193.00
G223DBA	MW-223	06/03/2002	PROFILE	110.00	110.00	17.80	17.80
G223DCA	MW-223	06/03/2002	PROFILE	120.00	120.00	27.80	27.80
G223DDA	MW-223	06/03/2002	PROFILE	130.00	130.00	37.80	378.00
G223DEA	MW-223	06/03/2002	PROFILE	140.00	140.00	47.80	47.80
G223DFA	MW-223	06/03/2002	PROFILE	150.00	150.00	57.80	57.80
G223DGA	MW-223	06/04/2002	PROFILE	160.00	160.00	67.80	67.80
G223DHA	MW-223	06/04/2002	PROFILE	170.00	170.00	77.80	77.80
G223DIA	MW-223	06/04/2002	PROFILE	180.00	180.00	87.80	87.80
G223DJA	MW-223	06/04/2002	PROFILE	190.00	190.00	97.80	97.80
G223DKA	MW-223	06/04/2002	PROFILE	200.00	200.00	107.80	107.80
G223DLA	MW-223	06/04/2002	PROFILE	210.00	210.00	117.80	117.80
G223DMA	MW-223	06/04/2002	PROFILE	220.00	220.00	127.80	127.80
G223DNA	MW-223	06/04/2002	PROFILE	230.00	230.00	137.80	137.80
G223DOA	MW-223	06/04/2002	PROFILE	240.00	240.00	147.80	147.80
G223DPA	MW-223	06/04/2002	PROFILE	250.00	250.00	157.80	157.80
G223DQA	MW-223	06/05/2002	PROFILE	260.00	260.00	167.80	167.80
G223DRA	MW-223	06/05/2002	PROFILE	270.00	270.00	177.80	177.80
G223DRD	MW-223	06/05/2002	PROFILE	270.00	270.00	177.80	177.80
G224DGA	MW-224	06/03/2002	PROFILE	200.00	200.00	78.40	78.40
G224DHA	MW-224	06/03/2002	PROFILE	210.00	210.00	88.40	88.40
G224DIA	MW-224	06/03/2002	PROFILE	220.00	220.00	98.40	98.40
G224DJA	MW-224	06/03/2002	PROFILE	230.00	230.00	t - t	
G224DKA	MW-224	06/03/2002	PROFILE	240.00	240.00	118.40	118.40
G224DLA	MW-224	06/04/2002	PROFILE	250.00	250.00	128.40	
G224DMA	MW-224	06/04/2002	PROFILE	260.00	260.00	138.40	138.40

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G224DNA	MW-224	06/04/2002	PROFILE	270.00	270.00	148.40	148.40
G224DOA	MW-224	06/05/2002	PROFILE	280.00	280.00	158.40	158.40
G224DQA	MW-224	06/05/2002	PROFILE	300.00	300.00	178.40	178.40
J2.F.T2S.XC1.4.0	NA	05/31/2002	SOIL GRAB	2.50	2.75		
HC109A1AAA	109A	06/07/2002	SOIL GRID	0.00	0.50		
HC109A1AAD	109A	06/07/2002	SOIL GRID	0.00	0.50		
HC109B1AAA	109B	06/07/2002	SOIL GRID	0.00	0.50		
HC117A1AAA	117A	06/07/2002	SOIL GRID	0.00	0.50		
HC117A1AAD	117A	06/07/2002	SOIL GRID	0.00	0.50		
HC117B1AAA	117B	06/07/2002	SOIL GRID	0.00	0.50		
HC120A1AAA	120A	06/07/2002	SOIL GRID	0.00	0.50		
HC120B1AAA	120B	06/07/2002	SOIL GRID	0.00	0.50		
HC178A1AAA	178A	06/06/2002	SOIL GRID	0.00	0.50		
HC178B1AAA	178B	06/06/2002	SOIL GRID	0.00	0.50		
HC182A1AAA	182A	06/06/2002	SOIL GRID	0.00	0.50		
HC182A1AAD	182A	06/06/2002	SOIL GRID	0.00	0.50		
HC182B1AAA	182B	06/06/2002	SOIL GRID	0.00	0.50		
HC184A1AAA	184A	06/06/2002	SOIL GRID	0.00	0.50		
HC184B1AAA	184B	06/06/2002	SOIL GRID	0.00	0.50		
HC196A1AAA	196A	06/06/2002	SOIL GRID	0.00	0.50		
HC196A1AAD	196A	06/06/2002	SOIL GRID	0.00	0.50		
HC196A1BAA	196A	06/06/2002	SOIL GRID	1.50	2.00		
HC196B1AAA	196B	06/06/2002	SOIL GRID	0.00	0.50		
HC196B1BAA	196B	06/06/2002	SOIL GRID	1.50	2.00		
HD109A2AAA	109A	06/07/2002	SOIL GRID	0.00	0.50		
HD109A4AAA	109A	06/07/2002	SOIL GRID	0.00	0.50		
HD109A6AAA	109A	06/07/2002	SOIL GRID	0.00	0.50		
HD109A8AAA	109A	06/07/2002	SOIL GRID	0.00	0.50		
HD109B2AAA	109B	06/07/2002	SOIL GRID	0.00	0.50		
HD109B4AAA	109B	06/07/2002	SOIL GRID	0.00	0.50		
HD109B6AAA	109B	06/07/2002	SOIL GRID	0.00	0.50		
HD109B8AAA	109B	06/07/2002	SOIL GRID	0.00	0.50		
HD117A2AAA	117A	06/07/2002	SOIL GRID	0.00	0.50		
HD117A4AAA	117A	06/07/2002	SOIL GRID	0.00	0.50		
HD117A6AAA	117A	06/07/2002	SOIL GRID	0.00	0.50		
HD117A8AAA	117A	06/07/2002	SOIL GRID	0.00	0.50		
HD117B2AAA	117B	06/07/2002	SOIL GRID	0.00	0.50		
HD117B4AAA	117B	06/07/2002	SOIL GRID	0.00	0.50		
HD117B6AAA	117B	06/07/2002	SOIL GRID	0.00	0.50		
HD117B8AAA	117B	06/07/2002	SOIL GRID	0.00	0.50		
HD120A2AAA	120A	06/07/2002	SOIL GRID	0.00	0.50		

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HD120A2AAD	120A	06/07/2002	SOIL GRID	0.00	0.50		
HD120A4AAA	120A	06/07/2002	SOIL GRID	0.00	0.50		
HD120A6AAA	120A	06/07/2002	SOIL GRID	0.00	0.50		
HD120A8AAA	120A	06/07/2002	SOIL GRID	0.00	0.50		
HD120B2AAA	120B	06/07/2002	SOIL GRID	0.00	0.50		
HD120B4AAA	120B	06/07/2002	SOIL GRID	0.00	0.50		
HD120B6AAA	120B	06/07/2002	SOIL GRID	0.00	0.50		
HD120B8AAA	120B	06/07/2002	SOIL GRID	0.00	0.50		
HD178A2AAA	178A	06/06/2002	SOIL GRID	0.00	0.50		
HD178A2AAD	178A	06/06/2002	SOIL GRID	0.00	0.50		
HD178A4AAA	178A	06/06/2002	SOIL GRID	0.00	0.50		
HD178A6AAA	178A	06/06/2002	SOIL GRID	0.00	0.50		
HD178A8AAA	178A	06/06/2002	SOIL GRID	0.00	0.50		
HD178B2AAA	178B	06/06/2002	SOIL GRID	0.00	0.50		
HD178B4AAA	178B	06/06/2002	SOIL GRID	0.00	0.50		
HD178B6AAA	178B	06/06/2002	SOIL GRID	0.00	0.50		
HD178B8AAA	178B	06/06/2002	SOIL GRID	0.00	0.50		
HD182A2AAA	182A	06/06/2002	SOIL GRID	0.00	0.50		
HD182A4AAA	182A	06/06/2002	SOIL GRID	0.00	0.50		
HD182A6AAA	182A	06/06/2002	SOIL GRID	0.00	0.50		
HD182A8AAA	182A	06/06/2002	SOIL GRID	0.00	0.50		
HD182B2AAA	182B	06/06/2002	SOIL GRID	0.00	0.50		
HD182B4AAA	182B	06/06/2002	SOIL GRID	0.00	0.50		
HD182B6AAA	182B	06/06/2002	SOIL GRID	0.00	0.50		
HD182B8AAA	182B	06/06/2002	SOIL GRID	0.00	0.50		
HD182B8AAD	182B	06/06/2002	SOIL GRID	0.00	0.50		
HD184A2AAA	184A	06/06/2002	SOIL GRID	0.00	0.50		
HD184A2AAD	184A	06/06/2002	SOIL GRID	0.00	0.50		
HD184A4AAA	184A	06/06/2002	SOIL GRID	0.00	0.50		
HD184A6AAA	184A	06/06/2002	SOIL GRID	0.00	0.50		
HD184A8AAA	184A	06/06/2002	SOIL GRID	0.00	0.50		
HD184B2AAA	184B	06/06/2002	SOIL GRID	0.00	0.50		
HD184B4AAA	184B	06/06/2002	SOIL GRID	0.00	0.50		
HD184B6AAA	184B	06/06/2002	SOIL GRID	0.00	0.50		
HD184B8AAA	184B	06/06/2002	SOIL GRID	0.00	0.50		
J1.F.T14.XC1.1.0	NA	06/05/2002	SOIL GRID	0.00	3.00		
J1.F.T14.XC1.2.0	NA	06/05/2002	SOIL GRID	3.00	3.25		
J2.F.T14C.XC1.1.0	NA	05/31/2002	SOIL GRID	0.00	4.75		
J2.F.T14C.XC1.2.0	NA	05/31/2002	SOIL GRID	4.50	4.75		
J2.F.T15A.XC1.1.0	NA	06/04/2002	SOIL GRID	0.00	2.50		
J2.F.T15A.XC1.2.0	NA	06/04/2002	SOIL GRID	2.25	2.50		

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J2.F.T16.XC1.1.0	NA	06/03/2002	SOIL GRID	0.00	5.00		
J2.F.T16.XC1.2.0	NA	06/03/2002	SOIL GRID	4.75	5.00		
J2.F.T2S.XC1.1.0	NA	06/04/2002	SOIL GRID	0.00	5.00		
J2.F.T2S.XC1.2.0	NA	06/04/2002	SOIL GRID	4.75	5.00		
J2.F.T2S.XC1.3.0	NA	06/04/2002	SOIL GRID	2.50	2.75		
LKSNK0005AAA	LKSNK0005	06/05/2002	SURFACE WATER	0.00	0.00		
LKSNK0007AAA	LKSNK0007	06/05/2002	SURFACE WATER	0.00	0.00		

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
58MW0007B	58MW0007B	06/04/2002	GROUNDWATER	187.70	192.70	49.00	54.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
58MW0016C	58MW0016C	06/04/2002	GROUNDWATER	116.70	126.33	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
58MW0016C	58MW0016C	06/04/2002	GROUNDWATER	116.70	126.33	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
90SNP0001	90SNP001	05/31/2002	GROUNDWATER					E314.0	PERCHLORATE	
90SNP0002	90SNP002	05/31/2002	GROUNDWATER					E314.0	PERCHLORATE	
90WT0004	90WT0004	05/19/2002	GROUNDWATER	35.00	45.00	3.00	13.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
90WT0013	90WT0013	05/19/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330N	2,6-DINITROTOLUENE	YES*
90WT0013	90WT0013	05/19/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
90WT0013	90WT0013	05/19/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330N	2-NITROTOLUENE	NO
90WT0013	90WT0013	05/19/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
90WT0013	90WT0013	05/19/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330N	4-NITROTOLUENE	NO
90WT0019	90WT0019	05/18/2002	GROUNDWATER			0.00	10.00	8330N	1,3,5-TRINITROBENZENE	NO
90WT0019	90WT0019	05/18/2002	GROUNDWATER			0.00	10.00	8330N	2,6-DINITROTOLUENE	NO
90WT0019	90WT0019	05/18/2002	GROUNDWATER			0.00	10.00	8330N	2-NITROTOLUENE	NO
90WT0019	90WT0019	05/18/2002	GROUNDWATER			0.00	10.00	8330N	3-NITROTOLUENE	NO
90WT0019	90WT0019	05/18/2002	GROUNDWATER			0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
90WT0019	90WT0019	05/18/2002	GROUNDWATER			0.00	10.00	8330N	4-NITROTOLUENE	NO
90WT0019	90WT0019	05/18/2002	GROUNDWATER			0.00		8330N	NITROGLYCERIN	NO
90WT0019	90WT0019	05/18/2002	GROUNDWATER			0.00	10.00	8330N	PICRIC ACID	NO
90WT0019D	90WT0019	05/18/2002	GROUNDWATER			0.00	10.00	8330N	1,3,5-TRINITROBENZENE	NO
90WT0019D	90WT0019	05/18/2002	GROUNDWATER			0.00	10.00	8330N	1,3-DINITROBENZENE	NO
90WT0019D	90WT0019	05/18/2002	GROUNDWATER			0.00	10.00	8330N	2,6-DINITROTOLUENE	NO
90WT0019D	90WT0019	05/18/2002	GROUNDWATER			0.00		8330N	2-NITROTOLUENE	NO
90WT0019D	90WT0019	05/18/2002	GROUNDWATER			0.00	10.00	8330N	3-NITROTOLUENE	NO
90WT0019D	90WT0019	05/18/2002	GROUNDWATER			0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
90WT0019D	90WT0019	05/18/2002	GROUNDWATER			0.00	10.00	8330N	4-NITROTOLUENE	NO
90WT0019D	90WT0019	05/18/2002	GROUNDWATER			0.00	10.00	8330N	NITROGLYCERIN	NO
TW1-88AA	01-88	06/05/2002	GROUNDWATER		102.90		67.40	OC21V	ACETONE	
TW1-88AA	01-88	06/05/2002	GROUNDWATER		102.90		67.40	OC21V	CHLOROFORM	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
TW1-88AA	01-88	06/05/2002	GROUNDWATER		102.90		67.40	OC21V	TOLUENE	
W01M2A	MW-1	05/22/2002	GROUNDWATER	16.00	165.00	44.00	49.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
W01M2A	MW-1	05/22/2002	GROUNDWATER	16.00	165.00	44.00	49.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
W02-02M1A	02-02	06/03/2002	GROUNDWATER	114.50	124.50	63.50	73.50	OC21V	CHLOROFORM	
W02-02M2A	02-02	06/03/2002	GROUNDWATER	94.50	104.50	42.65	52.65	OC21V	ACETONE	
W02-02M2A	02-02	06/03/2002	GROUNDWATER	94.50	104.50	42.65	52.65	OC21V	CHLOROFORM	
W02-02SSA	02-02	06/03/2002	GROUNDWATER	49.50	59.50	0.00	10.00	OC21V	CHLOROFORM	
W02-04M3A	02-04	05/30/2002	GROUNDWATER	83.00	93.00	34.01	44.01	OC21V	CHLOROFORM	
W02-05M1A	02-05	05/30/2002	GROUNDWATER	110.00	120.00	81.44	91.44	OC21V	CHLOROFORM	
W02-05M2A	02-05	05/31/2002	GROUNDWATER	92.00	102.00	63.41	73.41	OC21V	CHLOROFORM	
W02-05M2A	02-05	05/31/2002	GROUNDWATER	92.00	102.00	63.41	73.41	OC21V	CHLOROMETHANE	
W02-05M3A	02-05	05/30/2002	GROUNDWATER	70.00	80.00	41.37	51.37	OC21V	1,2-DICHLOROPROPANE	
W02-05M3A	02-05	05/30/2002	GROUNDWATER	70.00	80.00	41.37	51.37	OC21V	CHLOROFORM	
W02-09M1A	02-09	05/28/2002	GROUNDWATER	74.00	84.00	65.26	75.26	E314.0	PERCHLORATE	
W02-09M2A	02-09	05/28/2002	GROUNDWATER	59.00	69.00	50.30	60.30	E314.0	PERCHLORATE	
W02-12M1A	02-12	06/05/2002	GROUNDWATER	109.00	119.00	58.35	68.35	OC21V	ACETONE	
W02-12M1A	02-12	06/05/2002	GROUNDWATER	109.00	119.00	58.35	68.35	OC21V	CHLOROFORM	
W02-12M2A	02-12	06/05/2002	GROUNDWATER	94.00	104.00	43.21	53.21	OC21V	ACETONE	
W02-12M2A	02-12	06/05/2002	GROUNDWATER	94.00	104.00	43.21	53.21	OC21V	CHLOROFORM	
W02-12M3A	02-12	06/05/2002	GROUNDWATER	79.00	89.00	28.22	38.22	OC21V	ACETONE	
W02-12M3A	02-12	06/05/2002	GROUNDWATER	79.00	89.00	28.22	38.22	OC21V	CHLOROFORM	
W02-12M3D	02-12	06/05/2002	GROUNDWATER	79.00	89.00	28.22	38.22	OC21V	ACETONE	
W02-12M3D	02-12	06/05/2002	GROUNDWATER	79.00	89.00	28.22	38.22	OC21V	CHLOROFORM	
W02-13M1A	02-13	05/28/2002	GROUNDWATER	98.00	108.00	58.33	68.33	E314.0	PERCHLORATE	
W02-13M1A	02-13	06/05/2002	GROUNDWATER	98.00	108.00	58.33	68.33	OC21V	ACETONE	
W02-13M1A	02-13	06/05/2002	GROUNDWATER	98.00	108.00	58.33	68.33	OC21V	CHLOROFORM	
W02-13M2A	02-13	05/28/2002	GROUNDWATER	83.00	93.00	44.20	54.20	E314.0	PERCHLORATE	
W02-13M2A	02-13	06/05/2002	GROUNDWATER	83.00	93.00	44.20	54.20	OC21V	ACETONE	
W02-13M2A	02-13	06/05/2002	GROUNDWATER	83.00	93.00	44.20	54.20	OC21V	CHLOROFORM	

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W02-13M3A	02-13	06/05/2002	GROUNDWATER	68.00	78.00	28.30	38.30	OC21V	ACETONE	
W02-13M3A	02-13	06/05/2002	GROUNDWATER	68.00	78.00	28.30	38.30	OC21V	CHLOROFORM	
W02-13M3D	02-13	06/05/2002	GROUNDWATER	68.00	78.00	28.30	38.30	OC21V	ACETONE	
W02-13M3D	02-13	06/05/2002	GROUNDWATER	68.00	78.00	28.30	38.30	OC21V	CHLOROFORM	
W02-15M1A	02-15	06/05/2002	GROUNDWATER	125.00	135.00	75.63	85.63	OC21V	ACETONE	
W02-15M1A	02-15	06/05/2002	GROUNDWATER	125.00	135.00	75.63	85.63	OC21V	CHLOROFORM	
W02-15M2A	02-15	06/05/2002	GROUNDWATER	101.00	111.00	51.50	61.50	OC21V	ACETONE	
W02-15M2A	02-15	06/05/2002	GROUNDWATER	101.00	111.00	51.50	61.50	OC21V	CHLOROFORM	
W02-15M3A	02-15	06/05/2002	GROUNDWATER	81.00	91.00	31.40	41.40	OC21V	ACETONE	
W02-15M3A	02-15	06/05/2002	GROUNDWATER	81.00	91.00	31.40	41.40	OC21V	CHLOROFORM	
W100M1A	MW-100	05/21/2002	GROUNDWATER	179.00	189.00	45.00	55.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
W100M1A	MW-100	05/21/2002	GROUNDWATER	179.00	189.00	45.00	55.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W101M1A	MW-101	05/21/2002	GROUNDWATER	158.00	168.00	27.00	37.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES!
W105M1A	MW-105	05/21/2002	GROUNDWATER	205.00	215.00	78.00	88.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	4 YES
W105M2A	MW-105	05/21/2002	GROUNDWATER	158.00	168.00	38.00	48.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	! YES
W107M1A	MW-107	05/22/2002	GROUNDWATER	155.00	165.00	35.00	45.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	! YES
W107M2A	MW-107	05/22/2002	GROUNDWATER	125.00	135.00	5.00	15.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	! YES
W113M1A	MW-113	05/09/2002	GROUNDWATER	240.00	250.00	98.00	108.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES!
W113M2A	MW-113	05/09/2002	GROUNDWATER	190.00	200.00	48.00		8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	! YES
W113M2A	MW-113	05/09/2002	GROUNDWATER	190.00	200.00	48.00	58.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W23M1A	MW-23	05/09/2002	GROUNDWATER	225.00	235.00	103.00	113.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	₹ YES
W23M1A	MW-23	05/09/2002	GROUNDWATER	225.00	235.00	103.00	113.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W23M1D	MW-23	05/09/2002	GROUNDWATER	225.00	235.00	103.00	113.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES.
W50M1A	MW-50	05/09/2002	GROUNDWATER	207.00	217.00	89.00	99.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W50M1A	MW-50	05/09/2002	GROUNDWATER	207.00	217.00	89.00	99.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
W80SSA	MW-80	05/30/2002	GROUNDWATER	43.00	53.00	0.00	10.00	OC21V	CHLOROFORM	1
W80SSA	MW-80	05/30/2002	GROUNDWATER	43.00	53.00	0.00	10.00	OC21V	CHLOROMETHANE	
W85M1A	MW-85	05/22/2002	GROUNDWATER	137.50	147.50	22.00	32.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	
W85M1A	MW-85	05/22/2002	GROUNDWATER	137.50	147.50	22.00	32.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W91M1A	MW-91	05/20/2002	GROUNDWATER	170.00	180.00	45.00	55.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
W91M1A	MW-91	05/20/2002	GROUNDWATER	170.00	180.00	45.00	55.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W91M1D	MW-91	05/20/2002	GROUNDWATER	170.00	180.00	45.00	55.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
W91M1D	MW-91	05/20/2002	GROUNDWATER	170.00	180.00	45.00	55.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W91SSA	MW-91	05/20/2002	GROUNDWATER	124.00	134.00	0.00	10.00	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W91SSA	MW-91	05/20/2002	GROUNDWATER	124.00	134.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W91SSA	MW-91	05/20/2002	GROUNDWATER	124.00	134.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W93M1A	MW-93	05/20/2002	GROUNDWATER	185.00	195.00	56.00	66.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
W93M2A	MW-93	05/20/2002	GROUNDWATER	145.00	155.00	16.00	26.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
W93M2A	MW-93	05/20/2002	GROUNDWATER	145.00	155.00	16.00	26.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W95M1A	MW-95	05/20/2002	GROUNDWATER	202.00	212.00	78.00	88.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
W95M1D	MW-95	05/20/2002	GROUNDWATER	202.00	212.00	78.00	88.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
W95M2A	MW-95	05/20/2002	GROUNDWATER	167.00	177.00	43.00		8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
W96M2A	MW-96	05/23/2002	GROUNDWATER	160.00	170.00	24.00	34.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W98SSA	MW-98	05/23/2002	GROUNDWATER	137.00	147.00	0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W99M1A	MW-99	05/23/2002	GROUNDWATER	195.00	205.00	60.00	70.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
W99SSA	MW-99	05/23/2002	GROUNDWATER	133.00	143.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
WOW-1A	OW-1	05/21/2002	GROUNDWATER	126.00	136.00	0.70	10.70	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
WOW-1A	OW-1	05/21/2002	GROUNDWATER	126.00	136.00	0.70	10.70	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
WOW-1A	OW-1	05/21/2002	GROUNDWATER	126.00	136.00	0.70	10.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
WOW-1A	OW-1	05/21/2002	GROUNDWATER	126.00	136.00	0.70	10.70	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
WOW-1D	OW-1	05/21/2002	GROUNDWATER	126.00	136.00	0.70	10.70	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
WOW-1D	OW-1	05/21/2002	GROUNDWATER	126.00	136.00	0.70	10.70	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
WOW-1D	OW-1	05/21/2002	GROUNDWATER	126.00	136.00	0.70	10.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
WOW-1D	OW-1	05/21/2002	GROUNDWATER	126.00	136.00	0.70	10.70	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
WOW-2A	OW-2	05/21/2002	GROUNDWATER	175.00	185.00	48.78	58.78	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,9	YES
WOW-2A	OW-2	05/21/2002	GROUNDWATER	175.00	185.00	48.78	58.78	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
WOW-6A	OW-6	05/21/2002	GROUNDWATER	175.00	185.00	46.80	56.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,9	YES
G219DBA	MW-219	05/30/2002	PROFILE	200.00	200.00	13.00	13.00	OC21V	ACETONE	

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G219DBA	MW-219	05/30/2002	PROFILE	200.00	200.00	13.00	13.00	OC21V	METHYL ETHYL KETONE (2-BUT)	
G219DBA	MW-219	05/30/2002	PROFILE	200.00	200.00	13.00	13.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G219DCA	MW-219	05/30/2002	PROFILE	210.00	210.00	23.00	23.00	OC21V	ACETONE	
G219DCA	MW-219	05/30/2002	PROFILE	210.00	210.00	23.00	23.00	OC21V	CHLOROETHANE	
G219DCA	MW-219	05/30/2002	PROFILE	210.00	210.00	23.00	23.00	OC21V	CHLOROFORM	
G219DCA	MW-219	05/30/2002	PROFILE	210.00	210.00	23.00	23.00	OC21V	METHYL ETHYL KETONE (2-BUT)	4
G219DCA	MW-219	05/30/2002	PROFILE	210.00	210.00	23.00	23.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G219DDA	MW-219	05/30/2002	PROFILE	220.00	220.00	33.00	33.00	OC21V	2-HEXANONE	
G219DDA	MW-219	05/30/2002	PROFILE	220.00	220.00	33.00	33.00	OC21V	ACETONE	
G219DDA	MW-219	05/30/2002	PROFILE	220.00	220.00	33.00	33.00	OC21V	CHLOROETHANE	
G219DDA	MW-219	05/30/2002	PROFILE	220.00	220.00	33.00	33.00	OC21V	CHLOROFORM	
G219DDA	MW-219	05/30/2002	PROFILE	220.00	220.00	33.00	33.00	OC21V	METHYL ETHYL KETONE (2-BUT)	4
G219DDA	MW-219	05/30/2002	PROFILE	220.00	220.00	33.00	33.00	OC21V	METHYL ISOBUTYL KETONE (4-N	4
G219DEA	MW-219	05/30/2002	PROFILE	230.00	230.00	43.00	43.00	OC21V	2-HEXANONE	
G219DEA	MW-219	05/30/2002	PROFILE	230.00	230.00	43.00	43.00	OC21V	ACETONE	
G219DEA	MW-219	05/30/2002		230.00	230.00	43.00		OC21V	CHLOROETHANE	
G219DEA	MW-219	05/30/2002	PROFILE	230.00	230.00	43.00		OC21V	CHLOROFORM	
G219DEA	MW-219	05/30/2002	PROFILE	230.00	230.00	43.00	43.00	OC21V	METHYL ETHYL KETONE (2-BUT)	4
G219DFA	MW-219	05/30/2002		240.00	240.00	53.00	53.00	OC21V	2-HEXANONE	
G219DFA	MW-219	05/30/2002	PROFILE	240.00		53.00		OC21V	ACETONE	
G219DFA	MW-219	05/30/2002	PROFILE	240.00	240.00	53.00	53.00	OC21V	BENZENE	
G219DFA	MW-219	05/30/2002	PROFILE	240.00	240.00	53.00	53.00	OC21V	CHLOROETHANE	
G219DFA	MW-219	05/30/2002	PROFILE	240.00	240.00	53.00		OC21V	CHLOROFORM	
G219DFA	MW-219	05/30/2002	PROFILE	240.00	240.00	53.00	53.00	OC21V	CHLOROMETHANE	
G219DFA	MW-219	05/30/2002		240.00		53.00		OC21V	METHYL ETHYL KETONE (2-BUT)	4
G219DFA	MW-219	05/30/2002	PROFILE	240.00	240.00	53.00		OC21V	METHYL ISOBUTYL KETONE (4-M	4
G219DGA	MW-219	06/03/2002	PROFILE	250.00	250.00	63.00	63.00	8330N	2,6-DINITROTOLUENE	YES*
G219DGA	MW-219	06/03/2002	PROFILE	250.00	250.00	63.00	63.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G219DGA	MW-219	06/03/2002	PROFILE	250.00	250.00	63.00	63.00	8330N	4-NITROTOLUENE	NO

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G219DGA	MW-219	06/03/2002	PROFILE	250.00	250.00	63.00	63.00	8330N	NITROGLYCERIN	NO
G219DGA	MW-219	06/03/2002	PROFILE	250.00	250.00	63.00	63.00	8330N	PICRIC ACID	NO
G219DGA	MW-219	06/03/2002	PROFILE	250.00	250.00	63.00	63.00	OC21V	ACETONE	
G219DGA	MW-219	06/03/2002	PROFILE	250.00	250.00	63.00	63.00	OC21V	CHLOROFORM	
G219DGA	MW-219	06/03/2002	PROFILE	250.00	250.00	63.00	63.00	OC21V	METHYL ETHYL KETONE (2-BUT)	
G219DHA	MW-219	06/03/2002	PROFILE	260.00	260.00	73.00	73.00	OC21V	ACETONE	
G219DHA	MW-219	06/03/2002	PROFILE	260.00	260.00	73.00	73.00	OC21V	CHLOROFORM	
G219DHA	MW-219	06/03/2002	PROFILE	260.00	260.00	73.00	73.00	OC21V	METHYL ETHYL KETONE (2-BUT)	
G219DIA	MW-219	06/03/2002	PROFILE	270.00	270.00	83.00	83.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO*
G219DIA	MW-219	06/03/2002	PROFILE	270.00	270.00	83.00	83.00	8330N	NITROGLYCERIN	NO
G219DIA	MW-219	06/03/2002	PROFILE	270.00	270.00	83.00	83.00	OC21V	ACETONE	
G219DIA	MW-219	06/03/2002	PROFILE	270.00	270.00	83.00	83.00	OC21V	CHLOROFORM	
G219DIA	MW-219	06/03/2002	PROFILE	270.00	270.00	83.00	83.00	OC21V	METHYL ETHYL KETONE (2-BUT)	1
G219DJA	MW-219	06/03/2002	PROFILE	280.00	280.00	93.00	93.00	8330N	2,6-DINITROTOLUENE	YES*
G219DJA	MW-219	06/03/2002	PROFILE	280.00	280.00	93.00	93.00	8330N	3-NITROTOLUENE	NO
G219DJA	MW-219	06/03/2002	PROFILE	280.00	280.00	93.00	93.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G219DJA	MW-219	06/03/2002	PROFILE	280.00	280.00	93.00	93.00	8330N	NITROGLYCERIN	NO
G219DJA	MW-219	06/03/2002	PROFILE	280.00	280.00	93.00	93.00	8330N	PICRIC ACID	NO
G219DJA	MW-219	06/03/2002	PROFILE	280.00	280.00	93.00	93.00	OC21V	ACETONE	
G219DJA	MW-219	06/03/2002	PROFILE	280.00	280.00	93.00	93.00	OC21V	METHYL ETHYL KETONE (2-BUT)	1
G219DKA	MW-219	06/03/2002	PROFILE	290.00	290.00	103.00	103.00	8330N	2,6-DINITROTOLUENE	YES
G219DKA	MW-219	06/03/2002	PROFILE	290.00	290.00	103.00	103.00	8330N	2-NITROTOLUENE	NO
G219DKA	MW-219	06/03/2002	PROFILE	290.00	290.00	103.00	103.00	8330N	3-NITROTOLUENE	NO
G219DKA	MW-219	06/03/2002	PROFILE	290.00	290.00	103.00	103.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G219DKA	MW-219	06/03/2002	PROFILE	290.00	290.00	103.00	103.00	8330N	4-NITROTOLUENE	NO
G219DKA	MW-219	06/03/2002	PROFILE	290.00	290.00	103.00	103.00	8330N	NITROGLYCERIN	NO
G219DKA	MW-219	06/03/2002	PROFILE	290.00	290.00	103.00	103.00	8330N	PICRIC ACID	NO
G219DKA	MW-219	06/03/2002	PROFILE	290.00	290.00	103.00	103.00	OC21V	1,2,4-TRICHLOROBENZENE	
G219DKA	MW-219	06/03/2002	PROFILE	290.00	290.00	103.00	103.00	OC21V	2-HEXANONE	1

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G219DKA	MW-219	06/03/2002	PROFILE	290.00	290.00	103.00	103.00	OC21V	ACETONE	
G219DKA	MW-219	06/03/2002	PROFILE	290.00	290.00	103.00	103.00	OC21V	METHYL ETHYL KETONE (2-BUT)	
G219DLA	MW-219	06/03/2002	PROFILE	300.00	300.00	113.00	113.00	8330N	2,6-DINITROTOLUENE	YES
G219DLA	MW-219	06/03/2002	PROFILE	300.00	300.00	113.00	113.00	8330N	4-NITROTOLUENE	NO
G219DLA	MW-219	06/03/2002	PROFILE	300.00	300.00	113.00	113.00	8330N	NITROGLYCERIN	NO
G219DLA	MW-219	06/03/2002	PROFILE	300.00	300.00	113.00	113.00	8330N	PICRIC ACID	NO
G219DLA	MW-219	06/03/2002	PROFILE	300.00	300.00	113.00	113.00	OC21V	2-HEXANONE	
G219DLA	MW-219	06/03/2002	PROFILE	300.00	300.00	113.00	113.00	OC21V	ACETONE	
G219DLA	MW-219	06/03/2002	PROFILE	300.00	300.00	113.00	113.00	OC21V	CHLOROFORM	
G219DLA	MW-219	06/03/2002	PROFILE	300.00	300.00	113.00	113.00	OC21V	METHYL ETHYL KETONE (2-BUT)	,
G219DMA	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00	8330N	2,6-DINITROTOLUENE	NO*
G219DMA	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G219DMA	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00	8330N	4-NITROTOLUENE	NO
G219DMA	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00	8330N	NITROGLYCERIN	NO
G219DMA	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00	8330N	PICRIC ACID	NO
G219DMA	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00	OC21V	2-HEXANONE	
G219DMA	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00	OC21V	ACETONE	
G219DMA	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00	OC21V	CHLOROFORM	
G219DMA	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00	OC21V	METHYL ETHYL KETONE (2-BUT)	,
G219DMD	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00	8330N	2,6-DINITROTOLUENE	YES
G219DMD	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00	8330N	2-NITROTOLUENE	NO
G219DMD	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00	8330N	3-NITROTOLUENE	NO
G219DMD	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00	8330N	4-NITROTOLUENE	NO
G219DMD	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00	8330N	NITROGLYCERIN	NO
G219DMD	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00	8330N	PICRIC ACID	NO
G219DMD	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00	OC21V	2-HEXANONE	
G219DMD	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00	OC21V	ACETONE	
G219DMD	MW-219	06/04/2002	PROFILE	310.00	310.00	123.00	123.00	OC21V	METHYL ETHYL KETONE (2-BUT)	
G219DNA	MW-219	06/04/2002	PROFILE	320.00	320.00	133.00	133.00	8330N	3-NITROTOLUENE	NO*

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G219DNA	MW-219	06/04/2002	PROFILE	320.00	320.00	133.00	133.00	8330N	4-NITROTOLUENE	NO
G219DNA	MW-219	06/04/2002	PROFILE	320.00	320.00	133.00	133.00	8330N	NITROGLYCERIN	NO
G219DNA	MW-219	06/04/2002	PROFILE	320.00	320.00	133.00	133.00	8330N	PICRIC ACID	NO
G219DNA	MW-219	06/04/2002	PROFILE	320.00	320.00	133.00	133.00	OC21V	2-HEXANONE	
G219DNA	MW-219	06/04/2002	PROFILE	320.00	320.00	133.00	133.00	OC21V	ACETONE	
G219DNA	MW-219	06/04/2002	PROFILE	320.00	320.00	133.00	133.00	OC21V	BENZENE	
G219DNA	MW-219	06/04/2002	PROFILE	320.00	320.00	133.00	133.00	OC21V	CARBON DISULFIDE	
G219DNA	MW-219	06/04/2002	PROFILE	320.00	320.00	133.00	133.00	OC21V	CHLOROMETHANE	
G219DNA	MW-219	06/04/2002	PROFILE	320.00	320.00	133.00	133.00	OC21V	METHYL ETHYL KETONE (2-BUT)	
G219DNA	MW-219	06/04/2002	PROFILE	320.00	320.00	133.00	133.00	OC21V	TOLUENE	
G219DOA	MW-219	06/05/2002	PROFILE	330.00	330.00	143.00	143.00	8330N	2,4-DINITROTOLUENE	NO
G219DOA	MW-219	06/05/2002	PROFILE	330.00	330.00	143.00	143.00	8330N	2,6-DINITROTOLUENE	NO
G219DOA	MW-219	06/05/2002	PROFILE	330.00	330.00	143.00	143.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G219DOA	MW-219	06/05/2002	PROFILE	330.00	330.00	143.00	143.00	8330N	4-NITROTOLUENE	NO
G219DOA	MW-219	06/05/2002	PROFILE	330.00	330.00	143.00	143.00	8330N	PICRIC ACID	NO
G219DOA	MW-219	06/05/2002	PROFILE	330.00	330.00	143.00	143.00	OC21V	ACETONE	
G219DOA	MW-219	06/05/2002	PROFILE	330.00	330.00	143.00	143.00	OC21V	CHLOROFORM	
G219DOA	MW-219	06/05/2002	PROFILE	330.00	330.00	143.00	143.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G219DPA	MW-219	06/05/2002	PROFILE	340.00	340.00	153.00	153.00	OC21V	ACETONE	
G219DPA	MW-219	06/05/2002	PROFILE	340.00	340.00	153.00	153.00	OC21V	CHLOROFORM	
G219DPA	MW-219	06/05/2002	PROFILE	340.00	340.00	153.00	153.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G219DQA	MW-219	06/05/2002	PROFILE	350.00	350.00	163.00	163.00	8330N	NITROGLYCERIN	NO
G219DQA	MW-219	06/05/2002	PROFILE	350.00	350.00	163.00	163.00	OC21V	2-HEXANONE	
G219DQA	MW-219	06/05/2002	PROFILE	350.00	350.00	163.00	163.00	OC21V	ACETONE	
G219DQA	MW-219	06/05/2002	PROFILE	350.00	350.00	163.00	163.00	OC21V	CHLOROFORM	
G219DQA	MW-219	06/05/2002	PROFILE	350.00	350.00	163.00	163.00	OC21V	METHYL ETHYL KETONE (2-BUT)	,[
G219DRA	MW-219	06/05/2002	PROFILE	360.00	360.00	173.00	173.00	8330N	NITROGLYCERIN	NO
G219DRA	MW-219	06/05/2002	PROFILE	360.00	360.00	173.00	173.00	OC21V	ACETONE	
G219DRA	MW-219	06/05/2002	PROFILE	360.00	360.00	173.00	173.00	OC21V	CHLOROFORM	

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G219DRA	MW-219	06/05/2002	PROFILE	360.00	360.00	173.00	173.00	OC21V	METHYL ETHYL KETONE (2-BUT)	
G219DSA	MW-219	06/05/2002	PROFILE	370.00	370.00	183.00	183.00	8330N	2,6-DINITROTOLUENE	YES
G219DSA	MW-219	06/05/2002	PROFILE	370.00	370.00	183.00	183.00	8330N	3-NITROTOLUENE	NO
G219DSA	MW-219	06/05/2002	PROFILE	370.00	370.00	183.00	183.00	8330N	4-NITROTOLUENE	NO
G219DSA	MW-219	06/05/2002	PROFILE	370.00	370.00	183.00	183.00	8330N	NITROGLYCERIN	NO
G219DSA	MW-219	06/05/2002	PROFILE	370.00	370.00	183.00	183.00	8330N	PICRIC ACID	NO
G219DSA	MW-219	06/05/2002	PROFILE	370.00	370.00	183.00	183.00	OC21V	ACETONE	
G219DSA	MW-219	06/05/2002	PROFILE	370.00	370.00	183.00	183.00	OC21V	CHLOROFORM	
G219DSA	MW-219	06/05/2002	PROFILE	370.00	370.00	183.00	183.00	OC21V	METHYL ETHYL KETONE (2-BUT)	
G219DTA	MW-219	06/05/2002	PROFILE	380.00	380.00	193.00	193.00	8330N	2,6-DINITROTOLUENE	NO
G219DTA	MW-219	06/05/2002	PROFILE	380.00	380.00	193.00	193.00	8330N	NITROGLYCERIN	NO
G219DTA	MW-219	06/05/2002	PROFILE	380.00	380.00	193.00	193.00	OC21V	ACETONE	
G219DTA	MW-219	06/05/2002	PROFILE	380.00	380.00	193.00	193.00	OC21V	CHLOROFORM	
G219DTA	MW-219	06/05/2002	PROFILE	380.00	380.00	193.00	193.00	OC21V	METHYL ETHYL KETONE (2-BUT)	4
G223DAA	MW-223	05/31/2002	PROFILE	100.00	100.00	7.80	7.80	8330N	3-NITROTOLUENE	NO
G223DAA	MW-223	05/31/2002	PROFILE	100.00	100.00	7.80	7.80	8330N	NITROGLYCERIN	NO
G223DAA	MW-223	05/31/2002	PROFILE	100.00	100.00	7.80		8330N	PICRIC ACID	NO
G223DBA	MW-223	06/03/2002	PROFILE	110.00	110.00	17.80	17.80	8330N	2,6-DINITROTOLUENE	NO
G223DBA	MW-223	06/03/2002	PROFILE	110.00	110.00	17.80	17.80	8330N	NITROGLYCERIN	NO
G223DDA	MW-223	06/03/2002	PROFILE	130.00	130.00	37.80	378.00	8330N	NITROGLYCERIN	NO
G223DFA	MW-223	06/03/2002	PROFILE	150.00	150.00	57.80	57.80	8330N	NITROGLYCERIN	NO
G223DGA	MW-223	06/04/2002	PROFILE	160.00	160.00	67.80	67.80	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G223DGA	MW-223	06/04/2002	PROFILE	160.00	160.00	67.80	67.80	8330N	NITROGLYCERIN	NO
G223DIA	MW-223	06/04/2002	PROFILE	180.00	180.00	87.80	87.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
G223DJA	MW-223	06/04/2002	PROFILE	190.00	190.00	97.80	97.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
G223DJA	MW-223	06/04/2002	PROFILE	190.00	190.00	97.80	97.80	8330N	NITROGLYCERIN	NO
G223DKA	MW-223	06/04/2002	PROFILE	200.00	200.00	107.80	107.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
G223DLA	MW-223	06/04/2002	PROFILE	210.00	210.00	117.80	117.80	8330N	NITROGLYCERIN	NO
G223DNA	MW-223	06/04/2002	PROFILE	230.00	230.00	137.80	137.80	8330N	NITROGLYCERIN	NO

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G223DPA	MW-223	06/04/2002	PROFILE	250.00	250.00	157.80	157.80	8330N	NITROGLYCERIN	NO
G223DRA	MW-223	06/05/2002	PROFILE	270.00	270.00	177.80	177.80	8330N	PICRIC ACID	NO
G223DRD	MW-223	06/05/2002	PROFILE	270.00	270.00	177.80	177.80	8330N	PICRIC ACID	NO
G224DAA	MW-224	05/31/2002	PROFILE	140.00	140.00	18.40	18.40	8330N	NITROGLYCERIN	NO
G224DAA	MW-224	05/31/2002	PROFILE	140.00	140.00	18.40	18.40	8330N	PICRIC ACID	NO
G224DBA	MW-224	05/31/2002	PROFILE	150.00	150.00	28.40	28.40	8330N	NITROGLYCERIN	NO
G224DEA	MW-224	05/31/2002	PROFILE	180.00	180.00	58.40	58.40	8330N	NITROGLYCERIN	NO
G224DLA	MW-224	06/04/2002	PROFILE	250.00	250.00	128.40	128.40	8330N	2,6-DINITROTOLUENE	NO
G224DLA	MW-224	06/04/2002	PROFILE	250.00	250.00	128.40	128.40	8330N	3-NITROTOLUENE	NO
G224DLA	MW-224	06/04/2002	PROFILE	250.00	250.00	128.40	128.40	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G224DLA	MW-224	06/04/2002	PROFILE	250.00	250.00	128.40	128.40	8330N	NITROGLYCERIN	NO
G224DLA	MW-224	06/04/2002	PROFILE	250.00	250.00	128.40	128.40	8330N	PENTAERYTHRITOL TETRANITRA	NO
G224DLA	MW-224	06/04/2002	PROFILE	250.00	250.00	128.40	128.40	8330N	PICRIC ACID	NO
G224DMA	MW-224	06/04/2002	PROFILE	260.00	260.00	138.40	138.40	8330N	2,6-DINITROTOLUENE	YES*
G224DMA	MW-224	06/04/2002	PROFILE	260.00	260.00	138.40	138.40	8330N	3-NITROTOLUENE	NO*
G224DMA	MW-224	06/04/2002	PROFILE	260.00	260.00	138.40	138.40	8330N	NITROGLYCERIN	NO
G224DMA	MW-224	06/04/2002	PROFILE	260.00	260.00	138.40	138.40	8330N	PICRIC ACID	NO
G224DOA	MW-224	06/05/2002	PROFILE	280.00	280.00	158.40	158.40	8330N	2,6-DINITROTOLUENE	NO
G224DOA	MW-224	06/05/2002	PROFILE	280.00	280.00	158.40	158.40	8330N	3-NITROTOLUENE	YES*
G224DOA	MW-224	06/05/2002	PROFILE	280.00	280.00	158.40	158.40	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G224DOA	MW-224	06/05/2002	PROFILE	280.00	280.00	158.40	158.40	8330N	NITROGLYCERIN	NO
G224DOA	MW-224	06/05/2002	PROFILE	280.00	280.00	158.40	158.40	8330N	PICRIC ACID	NO
TK102C31AAA	102C3	05/09/2002	WATER					8330N	2,4,6-TRINITROTOLUENE	NO
TK102C31AAA	102C3	05/09/2002	WATER					8330N	2-NITROTOLUENE	NO
TK102C31AAA	102C3	05/09/2002	WATER					8330N	4-AMINO-2,6-DINITROTOLUENE	NO
TK102C31AAA	102C3	05/09/2002	WATER					8330N	4-NITROTOLUENE	NO
TK102C31AAA	102C3	05/09/2002	WATER					8330N	TETRYL	NO

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