

**WEEKLY PROGRESS UPDATE  
FOR MAY 13 – MAY 17, 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 May 13 through May 17, 2002.

**1. SUMMARY OF ACTIONS TAKEN**

Drilling progress as of May 17 is summarized in Table 1.

<b>Table 1. Drilling progress as of May 17, 2002</b>				
<b>Boring Number</b>	<b>Purpose of Boring/Well</b>	<b>Total Depth (ft bgs)</b>	<b>Saturated Depth (ft bwt)</b>	<b>Completed Well Screens (ft bgs)</b>
MW-215	Former K Range (J2P-16)	275	169	
MW-216	Containment Pad (RRAP-1)	370	162	
MW-217	Snake Pond (J3P-24)	168	162	
MW-218	Snake Pond (J3P-25)	180	174	
MW-221	Demo Area 1 (D1P-12)	343	198	
MW-222	Central Impact Area (CIAP-23)	303	188	
bgs = below ground surface				
bwt = below water table				

Commenced setting well screens at MW-215 (J2P-16) and MW-216 (RRAP-1), completed drilling of wells MW-221 (D1P-12), MW-222 (CIAP-23), and MW-218 (J3P-25), and commenced drilling of MW-217 (J3P-24). Continued well development for newly installed wells.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from wells MW-217, MW-218, MW-221, and MW-222. Groundwater samples were collected from the Bourne water supply wells, test wells and monitoring wells and as part of a pump test of Base Water Supply Well 4. Groundwater samples were collected as part of the April Long Term Groundwater Monitoring round. Water samples were collected from the GAC treatment system. Soil samples were collected from gun and mortar firing positions GP-16, old GP-1, MP-1, MP-4, and Former F Range as part of the Gun and Mortar Firing Positions Additional Characterization soil sampling. Soil samples were collected from Central Impact Area targets as part of the Central Impact Area supplemental target sampling. Soil cuttings samples were collected from soil piles at recently installed monitoring wells.

As part of the Munitions Survey Project, post-detonation soil samples were collected from the J-2 Range. Soil samples were collected from the J-2 Range Polygon 6C. Samples were also collected of a waxy-like material uncovered in Polygon 6A in the J-2 Range.

The Guard, EPA, and MADEP had a meeting on May 16 to discuss technical issues, including the following:

### **Attendees**

Ben Gregson (IAGWSPO)	MAJ Bill Myer (IAGWSPO)	Karen Wilson (IAGWSPO)
Dave Hill (IAGWSPO)	Bill Gallagher (IAGWSPO)	LTC Will Tyminski (JPO)
Mike Jasinski (EPA-phone)	Todd Borci (EPA)	Len Pinaud (MADEP)
Mark Panni (MADEP)	Gina Tyo (ACE)	Ed Wise (ACE)
Heather Sullivan (ACE)	Ellen Iorio (ACE)	John MacPherson (ACE)
Rob Foti (ACE)	Marc Grant (AMEC)	Kim Harriz (AMEC)
John Rice (AMEC)	Joanne Muzzin (AMEC)	Maria Pologruto (AMEC)
Jay Clausen (AMEC-phone)	Leo Montroy (Tetra Tech)	Susan Stewart (Tetra Tech)
Larry Hudgins (Tetra Tech)	Doug Lam (Tetra Tech)	Kris Curly (Guild Communications)
Dave Williams (MDPH)	Don Walter (USGS-phone)	

### **Punchlist Items**

- #3 Provide test results for chemical monitoring wells for WS-1, 2, 3 (JPO). Still waiting on results. Len Pinaud (MADEP) to check with Jeff Rose (DEP Water Supply).
- #4 Provide comments on CDC Emissions Report (EPA). Comments provided on 5/13.
- #6 Provide alternative location of WS4-P2 (Corps/Guard) Figure showing proposed location south east of WS-4 along an old power line break was distributed. Scott Miller (Haley and Ward) and Jeff Rose (DEP Water Supply) are still discussing. Mr. Rose is in general agreement. Guard is looking for at least email approval of location from DEP Water Supply. Location to be discussed with Leo Yuskus (Haley and Ward) next week, prior to submitting an ROA.
- #9 Collect comments on Bourne Cross sections (Guard). No comments received.
- #11 Provide sampling/detection status for Snake Pond piezometers proposed for abandonment (AMEC). Information provided by email. These 3 piezometers have never been sampled for the IAGWSP. There were no objections to abandonment by interested parties.
- #12 Provide email to USGS regarding Tritium/Helium age dating questions (AMEC). Information provided by email Friday, 5/10.
- #13 Provide information on sampling at J-2 Range Polygons (Corps). Email with information forwarded this week. The Health and Safety Plan for polygon sampling activities is being updated. Corps is looking at Modified Level D sampling attire (cotton coveralls). No respiratory protection is proposed since there are no detections in the breathing zone based on air modeling. It was determined that the volume of particulates in the air would not reach a level high enough to reach occupational levels. Lead in soil is the primary concern. Workers will use MiniRams to monitor dust in breathing zone to determine if dust levels actually remain below these levels and will wet polygon excavation areas as needed.
- #14 Provide status of development/sampling at MW-206 (AMEC). MW-206 is being developed this week. To be sampled next week as soon as allowable.
- #15 Provide letter to EPA requesting changes in explosive analyses in Bourne area (AMEC). Letter to be provided next week.
- #16 Add perchlorate analysis for MW-21 (AMEC). Groundwater samples were collected at MW-21 this week for Perchlorate analysis.
- #17 Provide comments on J-3 Range MW-181 RAD summary (EPA/DEP). No comments provided. EPA indicated if EPA does not have comments by the end of the day it is OK to include the summary at the IART and in the upcoming J1J3L Ranges Report. MADEP indicated they had no comment.

**Munitions Survey Project Update**

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

**HUTA2**. Restoration activities completed. Karen Wilson (IAGWSP0) to review. Ms. Wilson to monitor natural vegetation recovery through the growing season. Summary report of monitoring activity will be submitted at the end of the season.

**J Range Polygons**. Crews are working at J-2 Range. Polygon 2A, 2F, 2I, 2L, and 2M completed. Polygons 2E and 2B will be revisited. A crew is currently working at Polygon 2T. These eight polygons combined account for 1/3 of the area. Todd Borci (EPA) and Mike Jasinski (EPA) indicated that they were confident that the number of items discovered within Polygon 2 will be extensive, both in the northern and southern ends of the polygon, such that the proposed well locations downgradient of Polygon 2 should be installed where originally planned. Mr. Borci requested that the combined investigation schedule be reviewed to see how the monitoring wells could be installed prior to completion of the polygon excavation activities. A second crew is working at Polygon 6D. Polygons 6A, B, C have been completed. Polygon 6E needs to be revisited.

- Mr. Borci requested that for the IART presentation discussion of the J-2 Polygons, information on how many items were taken out, how many taken to the CDC and how many BIPed be provided. Mr. Borci also suggested that the Guard be prepared to address the options that they were considering for disposal of 20mm/40mm rounds that could not be moved.

**Eastern MSP** – Anomaly picks to be discussed as agenda item.

**U Range** - Grubbing is being conducted at U Range. Ellen Iorio (Corps) indicated that crews are recording the orientations of 35mm and 3.5-inch munitions in an effort to determine if their orientation is an affect of having been fired or range clearance. The orientations of the 35mm rounds in particular were haphazard and the documentation of the orientation was taking considerable time. Mr. Borci indicated that the 3.5-inch rounds were of primary concern and that such documentation could be discontinued after a determination can be made regarding whether the 3.5" rounds were fired or placed during range cleanup activities.

**Demo 1 Area** – Work completed Monday, 5/13.

**BIPs** – Five UXO items were destroyed in place on Thursday, 5/16:

- 4 – 66MM HEAT Projectiles with Unknown Fuzes
- 1 – 81MM Mortar, M374 Potential HE with M567 fuze

**Eastern Test Site Anomaly Picks**

Ellen Iorio (ACE) solicited input from the agencies regarding proposed locations for excavation (anomaly picks) at the Eastern Test Site.

- Todd Borci (EPA) asked why some anomalies which seemed to be as large (high signal strength) as other anomalies (that were picked) were not picked. Ms. Iorio explained that the anomalies could be viewed in 4 timegates. Timegate 1 was a quick signal that was sensitive to microfrag. Timegate 2 was a later return signal that would see small, shallow objects. Timegate 3 was a longer duration signal that could detect deeper, larger objects. Timegate 4 would detect even deeper or larger objects. Anomalies of different sizes could appear similar at Timegate 2 or 3, but were differentiated at 4. The anomaly picks were selected mainly based on the Timegate 4 signal. Tetra tech also looked for unique signals. Doug Lam (Tetra tech) added that two of the largest anomalies in one of the berms were selected to check what was in the berms.
- Ms. Iorio indicated that the maps would be revised to show additional features. Mr. Lam to check on two anomalies specified by Mr. Borci as to why specifically they were not selected as picks. EPA to provide feedback next week by email or conference call.

**Central Impact Area update**

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

- Completed drilling CIAP-23 (MW-222) today. Commenced UXO clearance at CIAP-25.
- UXO clearance at CIAP-24 is estimated to take two weeks. The Guard would like to hold off on this clearance and begin to build roads for CIAP-11 and CIAP-12. Then install these wells and come back to CIAP-24 UXO clearance. Agencies concurred.
- Final (72 hour samples) sample analytical results collected during the column test were received from the laboratory. No explosives or perchlorate were detected. Perchlorate results for the 40hr and 52hr samples have yet to be received. But it is very unlikely that these samples will show detections of perchlorate, based on the 72hr sample results. Based on the column test results, the Guard would like to start the Pump test ASAP. The Guard to draft a letter to the agencies proposing that the pump test be approved. In the interim, issues involving acquisition of the GAC tanks and the outstanding data will likely be resolved.
- Major Myer (IAGWSPO) suggested that the schedule to be revised accordingly, as a nonintrusive window for the Central Impact Area needed to be identified to conduct the pump test. The Guard troops training schedule also needed to be considered. This training schedule, with unit names removed, will be provided to the agencies. Mr. Myer further proposed that Scheduling Issues/Update be added as a Tech meeting agenda item biweekly or on an as needed basis.

**Bourne Area Update**

John Rice (AMEC) provided an update on the Bourne area investigation. Bill Gallagher (IAGWSPO) and Jay Clausen (AMEC) provided information on the Guard's approach to characterization activities upgradient of the Monument Beach Wellfield.

- Newly installed monitoring wells are being developed and sampled.
- Screen selection for location RRAP-1 (MW-216) was completed yesterday, 5/15. Perchlorate was not detected in any of the profile samples. Because the screen intervals are deep, two Schedule 80 wells will be set in the original borehole and then a second borehole will be drilled for the shallowest screen interval.
- An outline of the Guard's proposed approach to delineate the source of perchlorate in the Monument Beach Well Field, consisting of 14 steps, was distributed.
- The proposed approach included immediately placing a monitoring well (BP-1) approximately 1000 ft east of MW-80 on the backward particle track intersection with Wheelock Road. The agencies agreed with this location and an ROA is being prepared. Two additional locations are being scoped. However, final locations will be based on the data received for BP-1.
- The Guard and agencies are in general agreement that the 3 outstanding proposed well locations (02-06, 02-11, 02-14) might not be needed. Although John Rice (AMEC) indicated that 02-11 may be needed to define the northern extent of perchlorate in the wellfield. Results have not yet been discussed with Leo Yuskus (Haley and Ward), who will be returning next week from vacation.
- Don Walter (USGS) indicated that the USGS will be evaluating how age dating can be used to assist the Guard in determining the origin of the perchlorate in the Bourne wellfield. A response letter to questions emailed on Friday 5/10 is forthcoming.
- A USGS SOP on decontamination procedures for the Grundfos pump that the USGS will be using collect age-dating samples is being reviewed by the Guard. SOP to be forwarded to the agencies.

- ARA is performing confirmatory perchlorate analysis (different analytical method than 314.0) on profile samples from RRA-1, Bourne Water Supply wells 3 and 4, and sentry well 97-5 – all wells that do not have or no longer have perchlorate detections. Profile and corresponding well screen samples from 02-13 and 02-15, for which the reported perchlorate results did not match, were also being analyzed by ARA. These results are expected in a couple weeks.
- Nick Iaiennaro (ACE) is checking into information on constituents in the solid rocket propellant utilized by the BOMARC missile and the disposition of expended/waste propellant (if any) at MMR. Mr. Borci offered to assist with this identification through a formal request from the EPA, if needed.
- Mr. Borci requested an update on actions pursuant to the diesel spill he identified near Range Control on a recent site walk. Ben Gregson (IAGWSPO) to check on progress.
- Heather Sullivan (ACE) to check on whether VOCs have been added to analytical suite for groundwater samples collected at RangeCon supply well.
- EPA and MADEP to review scoping document provided on Bourne Perchlorate Response Plan and provide comment. These comments to be incorporated in a formal Workplan for this scope. Mr. Borci indicated that additional soil sampling might be warranted.

### **Fish Hatchery Wells**

Ben Gregson (IAGWSPO) indicated that it was the Guard's position that VOCs detected in the Fish Hatchery wells are from a source other than MMR. Analytical results to be provided to Ken Simmons (Dept of Fish and Wildlife). The Guard to request permission to sample these wells, as needed, in the future.

## **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 90MW0019 (FS-12) had detections of 2,6-DNT, 2-nitrotoluene and 4-nitrotoluene that were not confirmed by PDA spectra. These compounds have never been validated as detections in this well.
- Groundwater samples from Bourne test well 00-4D had detections of perchlorate and 1,2,4-trichlorobenzene. This is the first time these compounds have been detected in this well.

- Groundwater samples from Bourne test well 1-88 had detections of perchlorate, acetone and toluene. The detections were similar to previous sampling rounds.
- Groundwater samples from Bourne monitoring wells 02-03M1, M2, M3 had detections of 1,4-dichlorobenzene. This is the first time this compound has been detected in these wells.
- Groundwater samples and a duplicate sample from Bourne monitoring well 02-08M3 had detections of perchlorate. This is the first sampling event for this well. Perchlorate was not detected in profile samples at this interval, but perchlorate was detected at shallower intervals.
- Groundwater samples from MW-80M1 (Far Field) had a detection of perchlorate. This detection is similar to previous sampling rounds.
- Groundwater samples from MW-43M2 and MW-141M2 (Central Impact Area wells) had detections of RDX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.
- Groundwater samples from MW-39M2 (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 twenty supply wells and monitoring wells had detections of chloroform.
- Groundwater profile samples from MW-215 (J2P-16) had detections of perchlorate (2 intervals).
- Groundwater profile samples from MW-217 (J3P-24) had detections of TNT (1 interval), 2,6-DNT (1 interval), RDX (6 intervals), picric acid (1 interval), perchlorate (1 interval), 1,2-dichloropropane (1 interval), acetone (1 interval), benzene (6 intervals), chloroform (14 intervals), and toluene (6 intervals). The detections of RDX were confirmed by PDA spectra.
- Groundwater profile samples from MW-218 (J3P-25) had detections of RDX (5 intervals), HMX (2 intervals), perchlorate (1 interval), benzene (1 interval), chloroform (8 intervals), toluene (1 interval), and xylenes (1 interval). The detections of RDX and HMX were confirmed by PDA spectra.
- Groundwater profile samples from MW-221 (D1P-12) had detections of 2,6-DNT (3 intervals), 2A-DNT (1 interval), 3-nitrotoluene (4 intervals), 4A-DNT (4 intervals), nitrobenzene (1 interval), nitroglycerin (8 intervals), and picric acid (5 intervals). None of the detections were confirmed by PDA spectra. One detection of nitroglycerin was not confirmed by PDA spectra, but with interference.
- Groundwater profile samples from MW-222 (CIAP-23) had detections of 2,6-DNT (1 interval), 2-nitrotoluene (1 interval), 3-nitrotoluene (1 interval), 4A-DNT (1 interval), 4-nitrotoluene (2 intervals), RDX (3 intervals), nitroglycerin (9 intervals), and picric acid (1 interval). None of the detections were confirmed by PDA spectra.

**3. DELIVERABLES SUBMITTED**

Weekly Progress Update for April 29 – May 3, 2002	05/13/02
RRA Round 2, Completion of Work Report and Release Abatement Measure Status Report	05/14/02
Weekly Progress Update for May 6 – May 10, 2002	05/16/02

**4. SCHEDULED ACTIONS**

Scheduled actions for the week of May 20 include complete well installation at MW-215 (J2P-16), MW-216 (RRAP-1), MW-217 (J3P-24), MW-218 (J3P-25), MW-221 (D1P-12), and MW-222 (CIAP-23), and commence drilling at CIAP-11, CIAP-12, CIAP-25 and WS4P-1. Complete J-1, J-3, L Ranges additional delineation soil sampling and continue Central Impact Area target soil sampling.

**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. Planning efforts were continued for additional monitoring wells west of Pew Road. Magnetic anomaly investigations in accordance with the Post-Screening Investigation Work Plan continued. Well installation at D1P-12 (MW-221) located south of MW-211 on Pew Road will be completed next week.

TABLE 2  
 SAMPLING PROGRESS  
 05/11/2002 - 05/17/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
J2.A.T6A.007.1.0	J2.T6A.007.R/J2.T6A.C	05/16/2002	CRATER GRID	0.00	0.25		
J2.A.T6A.007.2.0	J2.T6A.007.R/J2.T6A.C	05/16/2002	CRATER GRID	0.00	0.25		
J2.A.T6A.007.3.0	J2.T6A.007.R/J2.T6A.C	05/16/2002	CRATER GRID	0.00	0.25		
G217DJE	FIELDQC	05/14/2002	FIELDQC	0.00	0.00		
G217DJE	FIELDQC	05/15/2002	FIELDQC	0.00	0.00		
G217DNT	FIELDQC	05/15/2002	FIELDQC	0.00	0.00		
G217DPE	FIELDQC	05/15/2002	FIELDQC	0.00	0.00		
G221DCE	FIELDQC	05/14/2002	FIELDQC	0.00	0.00		
G221DHE	FIELDQC	05/15/2002	FIELDQC	0.00	0.00		
G221DSE	FIELDQC	05/17/2002	FIELDQC	0.00	0.00		
G222DRE	FIELDQC	05/16/2002	FIELDQC	0.00	0.00		
HC16B1AAE	FIELDQC	05/14/2002	FIELDQC	0.00	0.00		
HC16K1AAE	FIELDQC	05/14/2002	FIELDQC	0.00	0.00		
HC182A1CAE	FIELDQC	05/14/2002	FIELDQC	0.00	0.00		
HC183A1AAE	FIELDQC	05/16/2002	FIELDQC	0.00	0.00		
HC184A1CAE	FIELDQC	05/17/2002	FIELDQC	0.00	0.00		
HC184A1CAT	FIELDQC	05/17/2002	FIELDQC	0.00	0.00		
HC185A1BAE	FIELDQC	05/15/2002	FIELDQC	0.00	0.00		
SC21301E	FIELDQC	05/13/2002	FIELDQC	0.00	0.00		
TW01-1T	FIELDQC	05/13/2002	FIELDQC	0.00	0.00		
TW1-88AE	FIELDQC	05/12/2002	FIELDQC	0.00	0.00		
W02-03M1T	FIELDQC	05/16/2002	FIELDQC	0.00	0.00		
W02-03M2F	FIELDQC	05/16/2002	FIELDQC	0.00	0.00		
W02-13M2E	FIELDQC	05/11/2002	FIELDQC	0.00	0.00		
W02-13M2E	FIELDQC	05/17/2002	FIELDQC	0.00	0.00		
WS-4ADE	FIELDQC	05/14/2002	FIELDQC	0.00	0.00		
WS-4AST	FIELDQC	05/14/2002	FIELDQC	0.00	0.00		
4036000-01G	4036000-01G	05/15/2002	GROUNDWATER				
4036000-03G	4036000-03G	05/15/2002	GROUNDWATER				
4036000-04G	4036000-04G	05/15/2002	GROUNDWATER				
4036000-06G	4036000-06G	05/15/2002	GROUNDWATER				
4036000-06GD	4036000-06G	05/15/2002	GROUNDWATER				
4036000-06GD	4036000-06G	05/15/2002	GROUNDWATER				
90SNP0001	90SNP0001	05/15/2002	GROUNDWATER				
90SNP0002	90SNP0002	05/15/2002	GROUNDWATER				
M-1BAA	M-1	05/11/2002	GROUNDWATER		45.00		2.15
M-1CAA	M-1	05/11/2002	GROUNDWATER		55.00		12.15
M-1DAA	M-1	05/11/2002	GROUNDWATER		65.00		22.15
M-6BAA	M-6	05/12/2002	GROUNDWATER		59.00		7.17
M-6CAA	M-6	05/12/2002	GROUNDWATER		69.00		17.17
M-6DAA	M-6	05/12/2002	GROUNDWATER		76.00		24.17

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

BWTE = Depth below water table, end depth, measured in feet



TABLE 2  
 SAMPLING PROGRESS  
 05/11/2002 - 05/17/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
TW00-4DAA	00-4D	05/11/2002	GROUNDWATER		75.00	42.00	60.00
TW00-4DBA	00-4D	05/11/2002	GROUNDWATER		85.00	42.00	60.00
TW01-1A	01-1	05/13/2002	GROUNDWATER	62.00	67.00	55.21	60.21
TW01-1D	01-1	05/13/2002	GROUNDWATER	62.00	67.00	55.21	60.21
TW01-2A	01-2	05/13/2002	GROUNDWATER	50.00	56.00	24.50	30.50
TW1-88AA	01-88	05/12/2002	GROUNDWATER				
TW1-88BA	01-88	05/12/2002	GROUNDWATER				
USCGANTST	USCGANTST	05/15/2002	GROUNDWATER	0.00	0.00		
W02-01M1A	02-01	05/12/2002	GROUNDWATER	95.00	105.00	42.90	52.90
W02-01M2A	02-01	05/12/2002	GROUNDWATER	83.00	93.00	30.90	40.90
W02-03M1A	02-03	05/16/2002	GROUNDWATER	130.00	140.00	86.10	96.10
W02-03M2A	02-03	05/16/2002	GROUNDWATER	92.00	102.00	48.15	58.15
W02-03M3A	02-03	05/16/2002	GROUNDWATER	75.00	85.00	31.05	41.05
W02-03M3D	02-03	05/16/2002	GROUNDWATER	75.00	85.00	31.05	41.05
W02-13M1A	02-13	05/11/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M1A	02-13	05/16/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M2A	02-13	05/11/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M2A	02-13	05/16/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M3A	02-13	05/11/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-13M3A	02-13	05/16/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-13M3D	02-13	05/11/2002	GROUNDWATER	68.00	78.00	28.00	38.00
W02-13M3D	02-13	05/16/2002	GROUNDWATER	68.00	78.00	28.00	38.00
W07M1A	MW-07	05/15/2002	GROUNDWATER	240.00	245.00	135.00	140.00
W07M1D	MW-07	05/15/2002	GROUNDWATER	240.00	245.00	135.00	140.00
W07M2A	MW-07	05/15/2002	GROUNDWATER	170.00	175.00	65.00	70.00
W111M1A	MW-111	05/14/2002	GROUNDWATER	224.00	234.00	92.00	102.00
W111M3A	MW-111	05/14/2002	GROUNDWATER	165.00	175.00	33.00	43.00
W111M3D	MW-111	05/14/2002	GROUNDWATER	165.00	175.00	33.00	43.00
W112M1A	MW-112	05/13/2002	GROUNDWATER	195.00	205.00	56.00	66.00
W112M2A	MW-112	05/13/2002	GROUNDWATER	165.00	175.00	26.00	36.00
W118M1A	MW-118	05/14/2002	GROUNDWATER	146.00	156.00	38.00	48.00
W118M2A	MW-118	05/13/2002	GROUNDWATER	116.00	126.00	8.00	18.00
W138M1A	MW-138	05/14/2002	GROUNDWATER	253.00	263.00	132.00	142.00
W138M2A	MW-138	05/14/2002	GROUNDWATER	151.00	161.00	30.00	40.00
W138M3A	MW-138	05/15/2002	GROUNDWATER	135.00	145.00	14.00	24.00
W141M1A	MW-141	05/14/2002	GROUNDWATER	190.00	200.00	62.00	72.00
W141M2A	MW-141	05/15/2002	GROUNDWATER	162.00	172.00	34.00	44.00
W141SSA	MW-141	05/14/2002	GROUNDWATER	128.00	138.00	0.00	10.00
W152M2A	MW-152	05/15/2002	GROUNDWATER	154.00	164.00	48.00	58.00
W152M2D	MW-152	05/15/2002	GROUNDWATER	154.00	164.00	48.00	58.00
W21DDA	MW-21	05/13/2002	GROUNDWATER	302.00	312.00	134.00	144.00

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

BWTE = Depth below water table, end depth, measured in feet

TABLE 2  
 SAMPLING PROGRESS  
 05/11/2002 - 05/17/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W21M1A	MW-21	05/13/2002	GROUNDWATER	261.00	271.00	93.00	103.00
W21M2A	MW-21	05/13/2002	GROUNDWATER	226.00	236.00	58.00	68.00
W21M3A	MW-21	05/14/2002	GROUNDWATER	196.00	209.00	58.00	68.00
W38M2A	MW-38	05/14/2002	GROUNDWATER	187.00	197.00	69.00	79.00
W38M3A	MW-38	05/13/2002	GROUNDWATER	170.00	180.00	52.00	62.00
W38M4A	MW-38	05/13/2002	GROUNDWATER	132.00	142.00	14.00	24.00
W38M4D	MW-38	05/13/2002	GROUNDWATER	132.00	142.00	14.00	24.00
W39M1A	MW-39	05/15/2002	GROUNDWATER	220.00	230.00	84.00	94.00
W39M2A	MW-39	05/15/2002	GROUNDWATER	175.00	185.00	39.00	49.00
W41M1A	MW-41	05/15/2002	GROUNDWATER	235.00	245.00	108.00	118.00
W41M1D	MW-41	05/15/2002	GROUNDWATER	235.00	245.00	108.00	118.00
W41M2A	MW-41	05/15/2002	GROUNDWATER	194.00	204.00	67.00	77.00
W43M1A	MW-43	05/15/2002	GROUNDWATER	223.00	233.00	90.00	100.00
W43M2A	MW-43	05/15/2002	GROUNDWATER	200.00	210.00	67.00	77.00
W59M1A	MW-59	05/16/2002	GROUNDWATER	165.00	170.00	32.00	38.00
W59M2A	MW-59	05/16/2002	GROUNDWATER	150.00	160.00	18.00	28.00
W86M1A	MW-86	05/16/2002	GROUNDWATER	208.00	218.00	66.00	76.00
W86M1D	MW-86	05/16/2002	GROUNDWATER	208.00	218.00	66.00	76.00
W86M2A	MW-86	05/16/2002	GROUNDWATER	158.00	168.00	16.00	26.00
W87M1A	MW-87	05/17/2002	GROUNDWATER	194.00	204.00	62.00	72.00
W87M2A	MW-87	05/17/2002	GROUNDWATER	169.00	179.00	37.00	47.00
W87M3A	MW-87	05/17/2002	GROUNDWATER	140.00	150.00	8.00	18.00
W88M1A	MW-88	05/17/2002	GROUNDWATER	233.00	243.00	92.00	102.00
W88M2A	MW-88	05/17/2002	GROUNDWATER	213.00	223.00	72.00	82.00
W88M3A	MW-88	05/17/2002	GROUNDWATER	173.00	183.00	32.00	42.00
W88M3D	MW-88	05/17/2002	GROUNDWATER	173.00	183.00	32.00	42.00
W89M1A	MW-89	05/17/2002	GROUNDWATER	234.00	244.00	92.00	102.00
W89M2A	MW-89	05/17/2002	GROUNDWATER	214.00	224.00	72.00	82.00
W89M3A	MW-89	05/17/2002	GROUNDWATER	174.00	184.00	32.00	42.00
W94M1A	MW-94	05/17/2002	GROUNDWATER	165.00	175.00	36.00	46.00
W94M2A	MW-94	05/17/2002	GROUNDWATER	140.00	150.00	16.00	26.00
WS-4ADA	WS-4A	05/14/2002	GROUNDWATER	218.00	228.00	148.50	158.50
WS-4ASA	WS-4A	05/14/2002	GROUNDWATER	155.00	165.00	85.50	95.50
WS-4PT3A	WS-4	05/17/2002	GROUNDWATER				
DW051602	GAC WATER	05/16/2002	IDW				
SC02-07A	SOIL CUTTINGS	05/13/2002	IDW				
SC02-10A	SOIL CUTTINGS	05/13/2002	IDW				
SC02-10D	SOIL CUTTINGS	05/13/2002	IDW				
SC02-13A	SOIL CUTTINGS	05/13/2002	IDW				
SC20901	SOIL CUTTINGS	05/13/2002	IDW				
SC21001	SOIL CUTTINGS	05/13/2002	IDW				

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

BWTE = Depth below water table, end depth, measured in feet

TABLE 2  
 SAMPLING PROGRESS  
 05/11/2002 - 05/17/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
SC21001D	SOIL CUTTINGS	05/13/2002	IDW				
SC21101	SOIL CUTTINGS	05/13/2002	IDW				
SC21201	SOIL CUTTINGS	05/13/2002	IDW				
SC21301	SOIL CUTTINGS	05/13/2002	IDW				
SC21401	SOIL CUTTINGS	05/13/2002	IDW				
J2.M.T6A.001.1.0	Target 6A Wax	05/13/2002	OTHER	0.00	0.00		
G217DAA	MW-217	05/14/2002	PROFILE	10.00	10.00	4.20	4.20
G217DBA	MW-217	05/14/2002	PROFILE	20.00	20.00	14.20	14.20
G217DCA	MW-217	05/14/2002	PROFILE	30.00	30.00	24.20	24.20
G217DDA	MW-217	05/14/2002	PROFILE	40.00	40.00	34.20	34.20
G217DEA	MW-217	05/14/2002	PROFILE	50.00	50.00	44.20	44.20
G217DFA	MW-217	05/14/2002	PROFILE	60.00	60.00	54.20	54.20
G217DGA	MW-217	05/14/2002	PROFILE	70.00	70.00	64.20	64.20
G217DHA	MW-217	05/14/2002	PROFILE	80.00	80.00	74.20	74.20
G217DIA	MW-217	05/14/2002	PROFILE	90.00	90.00	84.20	84.20
G217DJA	MW-217	05/14/2002	PROFILE	100.00	100.00	94.20	94.20
G217DKA	MW-217	05/14/2002	PROFILE	110.00	110.00	104.20	104.20
G217DLA	MW-217	05/14/2002	PROFILE	120.00	120.00	114.20	114.20
G217DMA	MW-217	05/14/2002	PROFILE	130.00	130.00	124.20	124.20
G217DNA	MW-217	05/15/2002	PROFILE	140.00	140.00	134.20	134.20
G217DOA	MW-217	05/15/2002	PROFILE	150.00	150.00	144.20	144.20
G217DOD	MW-217	05/15/2002	PROFILE	150.00	150.00	144.20	144.20
G217DPA	MW-217	05/15/2002	PROFILE	160.00	160.00	154.20	154.20
G218DPA	MW-218	05/13/2002	PROFILE	160.00	160.00	153.83	153.83
G218DQA	MW-218	05/13/2002	PROFILE	170.00	170.00	163.83	163.83
G218DRA	MW-218	05/13/2002	PROFILE	180.00	180.00	173.83	173.83
G221DAA	MW-221	05/14/2002	PROFILE	150.00	150.00	4.50	4.50
G221DBA	MW-221	05/14/2002	PROFILE	160.00	160.00	14.50	14.50
G221DCA	MW-221	05/14/2002	PROFILE	170.00	170.00	24.50	24.50
G221DDA	MW-221	05/14/2002	PROFILE	180.00	180.00	34.50	34.50
G221DEA	MW-221	05/14/2002	PROFILE	190.00	190.00	44.50	44.50
G221DFA	MW-221	05/14/2002	PROFILE	200.00	200.00	54.50	54.50
G221DFD	MW-221	05/14/2002	PROFILE	200.00	200.00	54.50	54.50
G221DGA	MW-221	05/14/2002	PROFILE	210.00	210.00	64.50	64.50
G221DHA	MW-221	05/14/2002	PROFILE	220.00	220.00	74.50	74.50
G221DHA	MW-221	05/15/2002	PROFILE	220.00	220.00	74.50	74.50
G221DIA	MW-221	05/15/2002	PROFILE	230.00	230.00	84.50	84.50
G221DJA	MW-221	05/15/2002	PROFILE	240.00	240.00	94.50	94.50
G221DKA	MW-221	05/15/2002	PROFILE	250.00	250.00	104.50	104.50
G221DLA	MW-221	05/15/2002	PROFILE	260.00	260.00	114.50	114.50
G221DMA	MW-221	05/16/2002	PROFILE	270.00	270.00	124.50	124.50

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

BWTE = Depth below water table, end depth, measured in feet

TABLE 2  
 SAMPLING PROGRESS  
 05/11/2002 - 05/17/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G221DNA	MW-221	05/16/2002	PROFILE	280.00	280.00	134.50	134.50
G221DOA	MW-221	05/16/2002	PROFILE	290.00	290.00	144.50	144.50
G221DPA	MW-221	05/17/2002	PROFILE	300.00	300.00	154.50	154.50
G221DQA	MW-221	05/17/2002	PROFILE	310.00	310.00	164.50	164.50
G221DRA	MW-221	05/17/2002	PROFILE	320.00	320.00	174.50	174.50
G221DSA	MW-221	05/17/2002	PROFILE	330.00	330.00	184.50	184.50
G221DTA	MW-221	05/17/2002	PROFILE	340.00	340.00	194.50	194.50
G222DAA	MW-222	05/14/2002	PROFILE	125.00	125.00	9.70	9.70
G222DBA	MW-222	05/14/2002	PROFILE	130.00	130.00	14.70	14.70
G222DCA	MW-222	05/15/2002	PROFILE	140.00	140.00	24.70	24.70
G222DDA	MW-222	05/15/2002	PROFILE	150.00	150.00	34.70	34.70
G222DEA	MW-222	05/15/2002	PROFILE	160.00	160.00	44.70	44.70
G222DFA	MW-222	05/15/2002	PROFILE	170.00	170.00	54.70	54.70
G222DFD	MW-222	05/15/2002	PROFILE	170.00	170.00	54.70	54.70
G222DGA	MW-222	05/15/2002	PROFILE	180.00	180.00	64.70	64.70
G222DHA	MW-222	05/15/2002	PROFILE	190.00	190.00	74.70	74.70
G222DIA	MW-222	05/15/2002	PROFILE	200.00	200.00	84.70	84.70
G222DJA	MW-222	05/15/2002	PROFILE	210.00	210.00	94.70	94.70
G222DKA	MW-222	05/15/2002	PROFILE	220.00	220.00	104.70	104.70
G222DLA	MW-222	05/15/2002	PROFILE	230.00	230.00	114.70	114.70
G222DMA	MW-222	05/15/2002	PROFILE	240.00	240.00	124.70	124.70
G222DNA	MW-222	05/15/2002	PROFILE	250.00	250.00	134.70	134.70
G222DOA	MW-222	05/15/2002	PROFILE	260.00	260.00	144.70	144.70
G222DPA	MW-222	05/15/2002	PROFILE	270.00	270.00	154.70	154.70
G222DQA	MW-222	05/16/2002	PROFILE	280.00	280.00	164.70	164.70
G222DRA	MW-222	05/16/2002	PROFILE	290.00	290.00	174.70	174.70
G222DSA	MW-222	05/16/2002	PROFILE	300.00	300.00	184.70	184.70
HC112A1AAA	112A	05/17/2002	SOIL GRID	0.00	0.25		
HC112A1BAA	112A	05/17/2002	SOIL GRID	0.25	0.50		
HC112A1CAA	112A	05/17/2002	SOIL GRID	0.50	1.00		
HC16A1AAA	16A	05/13/2002	SOIL GRID	0.00	0.50		
HC16A1BAA	16A	05/13/2002	SOIL GRID	1.50	2.00		
HC16B1AAA	16B	05/13/2002	SOIL GRID	0.00	0.50		
HC16B1AAD	16B	05/13/2002	SOIL GRID	0.00	0.50		
HC16B1BAA	16B	05/13/2002	SOIL GRID	1.50	2.00		
HC16C1AAA	16C	05/14/2002	SOIL GRID	0.00	0.50		
HC16C1BAA	16C	05/14/2002	SOIL GRID	1.50	2.00		
HC16J1AAA	16J	05/14/2002	SOIL GRID	0.00	0.50		
HC16J1BAA	16J	05/14/2002	SOIL GRID	1.50	2.00		
HC16K1AAA	16K	05/14/2002	SOIL GRID	0.00	0.50		
HC16K1BAA	16K	05/14/2002	SOIL GRID	1.50	2.00		

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

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TABLE 2  
 SAMPLING PROGRESS  
 05/11/2002 - 05/17/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC16P1AAA	16P	05/14/2002	SOIL GRID	0.00	0.50		
HC16P1BAA	16P	05/14/2002	SOIL GRID	1.50	2.00		
HC16P1BAD	16P	05/14/2002	SOIL GRID	1.50	2.00		
HC16Q1AAA	16Q	05/14/2002	SOIL GRID	0.00	0.50		
HC16Q1BAA	16Q	05/14/2002	SOIL GRID	1.50	2.00		
HC180A1AAA	180A	05/15/2002	SOIL GRID	0.00	0.25		
HC180A1BAA	180A	05/15/2002	SOIL GRID	0.25	0.50		
HC180A1CAA	180A	05/15/2002	SOIL GRID	0.50	1.00		
HC180B1AAA	180B	05/16/2002	SOIL GRID	0.00	0.25		
HC180B1BAA	180B	05/16/2002	SOIL GRID	0.25	0.50		
HC180B1CAA	180B	05/16/2002	SOIL GRID	0.50	1.00		
HC182A1AAA	182A	05/14/2002	SOIL GRID	0.00	0.25		
HC182A1BAA	182A	05/14/2002	SOIL GRID	0.25	0.50		
HC182A1CAA	182A	05/14/2002	SOIL GRID	0.50	1.00		
HC182B1AAA	182B	05/14/2002	SOIL GRID	0.00	0.25		
HC182B1BAA	182B	05/14/2002	SOIL GRID	0.25	0.50		
HC182B1CAA	182B	05/14/2002	SOIL GRID	0.50	1.00		
HC183A1AAA	183A	05/16/2002	SOIL GRID	0.00	0.25		
HC183A1BAA	183A	05/16/2002	SOIL GRID	0.25	0.50		
HC183A1CAA	183A	05/16/2002	SOIL GRID	0.50	1.00		
HC183B1AAA	183B	05/16/2002	SOIL GRID	0.00	0.25		
HC183B1BAA	183B	05/16/2002	SOIL GRID	0.25	0.50		
HC183B1CAA	183B	05/16/2002	SOIL GRID	0.50	1.00		
HC184A1AAA	184A	05/16/2002	SOIL GRID	0.00	0.25		
HC184A1BAA	184A	05/16/2002	SOIL GRID	0.20	0.50		
HC184A1CAA	184A	05/17/2002	SOIL GRID	0.50	1.00		
HC184B1AAA	184B	05/17/2002	SOIL GRID	0.00	0.25		
HC184B1BAA	184B	05/17/2002	SOIL GRID	0.25	0.50		
HC184B1CAA	184B	05/17/2002	SOIL GRID	0.50	1.00		
HC185A1AAA	185A	05/15/2002	SOIL GRID	0.00	0.25		
HC185A1BAA	185A	05/15/2002	SOIL GRID	0.25	0.50		
HC185A1CAA	185A	05/15/2002	SOIL GRID	0.50	1.00		
HC185B1AAA	185B	05/15/2002	SOIL GRID	0.00	0.25		
HC185B1BAA	185B	05/15/2002	SOIL GRID	0.25	0.50		
HC185B1CAA	185B	05/15/2002	SOIL GRID	0.50	1.00		
HC75A1AAA	75A	05/13/2002	SOIL GRID	0.00	0.50		
HC75A1BAA	75A	05/13/2002	SOIL GRID	1.50	2.00		
HC75B1AAA	75B	05/13/2002	SOIL GRID	0.00	0.50		
HC75B1BAA	75B	05/13/2002	SOIL GRID	1.50	2.00		
HC75D1AAA	75D	05/13/2002	SOIL GRID	0.00	0.50		
HC75D1BAA	75D	05/13/2002	SOIL GRID	1.50	2.00		

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

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BWTE = Depth below water table, end depth, measured in feet

TABLE 2  
 SAMPLING PROGRESS  
 05/11/2002 - 05/17/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC78R1AAA	78R	05/15/2002	SOIL GRID	0.00	0.50		
HC78R1BAA	78R	05/15/2002	SOIL GRID	1.50	2.00		
HC78S1AAA	78S	05/15/2002	SOIL GRID	0.00	0.50		
HC78S1BAA	78S	05/15/2002	SOIL GRID	1.50	2.00		
HC78S1BAD	78S	05/15/2002	SOIL GRID	1.50	2.00		
HC78T1AAA	78T	05/15/2002	SOIL GRID	0.00	0.50		
HC78T1BAA	78T	05/15/2002	SOIL GRID	1.50	2.00		
HC78U1AAA	78U	05/15/2002	SOIL GRID	0.00	0.50		
HC78U1BAA	78U	05/15/2002	SOIL GRID	1.50	2.00		
HC78V1AAA	78V	05/15/2002	SOIL GRID	0.00	0.50		
HC78V1BAA	78V	05/15/2002	SOIL GRID	1.50	2.00		
HD112A1AAA	112A	05/17/2002	SOIL GRID	0.00	0.25		
HD112A1BAA	112A	05/17/2002	SOIL GRID	0.25	0.50		
HD112A1CAA	112A	05/17/2002	SOIL GRID	0.50	1.00		
HD112A3AAA	112A	05/17/2002	SOIL GRID	0.00	0.25		
HD112A3BAA	112A	05/17/2002	SOIL GRID	0.25	0.50		
HD112A3CAA	112A	05/17/2002	SOIL GRID	0.50	1.00		
HD112A5AAA	112A	05/17/2002	SOIL GRID	0.00	0.25		
HD112A5BAA	112A	05/17/2002	SOIL GRID	0.25	0.50		
HD112A5CAA	112A	05/17/2002	SOIL GRID	0.50	1.00		
HD112A7AAA	112A	05/17/2002	SOIL GRID	0.00	0.25		
HD112A7BAA	112A	05/17/2002	SOIL GRID	0.25	0.50		
HD112A7CAA	112A	05/17/2002	SOIL GRID	0.50	1.00		
HD180A1AAA	180A	05/15/2002	SOIL GRID	0.00	0.25		
HD180A1BAA	180A	05/15/2002	SOIL GRID	0.25	0.50		
HD180A1CAA	180A	05/15/2002	SOIL GRID	0.50	1.00		
HD180A3AAA	180A	05/15/2002	SOIL GRID	0.00	0.25		
HD180A3BAA	180A	05/15/2002	SOIL GRID	0.25	0.50		
HD180A3CAA	180A	05/15/2002	SOIL GRID	0.50	1.00		
HD180A5AAA	180A	05/15/2002	SOIL GRID	0.00	0.25		
HD180A5BAA	180A	05/15/2002	SOIL GRID	0.25	0.50		
HD180A5CAA	180A	05/15/2002	SOIL GRID	0.50	1.00		
HD180A7AAA	180A	05/15/2002	SOIL GRID	0.00	0.25		
HD180A7BAA	180A	05/15/2002	SOIL GRID	0.25	0.50		
HD180A7CAA	180A	05/15/2002	SOIL GRID	0.50	1.00		
HD180B1AAA	180B	05/16/2002	SOIL GRID	0.00	0.25		
HD180B1BAA	180B	05/16/2002	SOIL GRID	0.25	0.50		
HD180B1CAA	180B	05/16/2002	SOIL GRID	0.50	1.00		
HD180B3AAA	180B	05/16/2002	SOIL GRID	0.00	0.25		
HD180B3BAA	180B	05/16/2002	SOIL GRID	0.25	0.50		
HD180B3CAA	180B	05/16/2002	SOIL GRID	0.50	1.00		

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

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TABLE 2  
 SAMPLING PROGRESS  
 05/11/2002 - 05/17/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD180B5AAA	180B	05/16/2002	SOIL GRID	0.00	0.25		
HD180B5BAA	180B	05/16/2002	SOIL GRID	0.25	0.50		
HD180B5CAA	180B	05/16/2002	SOIL GRID	0.50	1.00		
HD180B7AAA	180B	05/16/2002	SOIL GRID	0.00	0.25		
HD180B7BAA	180B	05/16/2002	SOIL GRID	0.25	0.50		
HD180B7CAA	180B	05/16/2002	SOIL GRID	0.50	1.00		
HD180B7CAD	180B	05/16/2002	SOIL GRID	0.50	1.00		
HD182A1AAA	182A	05/14/2002	SOIL GRID	0.00	0.25		
HD182A1BAA	182A	05/14/2002	SOIL GRID	0.25	0.50		
HD182A1CAA	182A	05/14/2002	SOIL GRID	0.50	1.00		
HD182A3AAA	182A	05/14/2002	SOIL GRID	0.00	0.25		
HD182A3BAA	182A	05/14/2002	SOIL GRID	0.25	0.50		
HD182A3CAA	182A	05/14/2002	SOIL GRID	0.50	1.00		
HD182A5AAA	182A	05/14/2002	SOIL GRID	0.00	0.25		
HD182A5BAA	182A	05/14/2002	SOIL GRID	0.25	0.50		
HD182A5CAA	182A	05/14/2002	SOIL GRID	0.50	1.00		
HD182A7AAA	182A	05/14/2002	SOIL GRID	0.00	0.25		
HD182A7BAA	182A	05/14/2002	SOIL GRID	0.25	0.50		
HD182A7CAA	182A	05/14/2002	SOIL GRID	0.50	1.00		
HD182B1AAA	182B	05/14/2002	SOIL GRID	0.00	0.25		
HD182B1BAA	182B	05/14/2002	SOIL GRID	0.25	0.50		
HD182B1CAA	182B	05/14/2002	SOIL GRID	0.50	1.00		
HD182B3AAA	182B	05/14/2002	SOIL GRID	0.00	0.25		
HD182B3BAA	182B	05/14/2002	SOIL GRID	0.25	0.50		
HD182B3CAA	182B	05/14/2002	SOIL GRID	0.50	1.00		
HD182B5AAA	182B	05/14/2002	SOIL GRID	0.00	0.25		
HD182B5BAA	182B	05/14/2002	SOIL GRID	0.25	0.50		
HD182B5CAA	182B	05/14/2002	SOIL GRID	0.50	1.00		
HD182B7AAA	182B	05/14/2002	SOIL GRID	0.00	0.25		
HD182B7BAA	182B	05/14/2002	SOIL GRID	0.25	0.50		
HD182B7CAA	182B	05/14/2002	SOIL GRID	0.50	1.00		
HD183A1AAA	183A	05/16/2002	SOIL GRID	0.00	0.25		
HD183A1BAA	183A	05/16/2002	SOIL GRID	0.25	0.50		
HD183A1CAA	183A	05/16/2002	SOIL GRID	0.50	1.00		
HD183A3AAA	183A	05/16/2002	SOIL GRID	0.00	0.25		
HD183A3BAA	183A	05/16/2002	SOIL GRID	0.25	0.50		
HD183A3CAA	183A	05/16/2002	SOIL GRID	0.50	1.00		
HD183A5AAA	183A	05/16/2002	SOIL GRID	0.00	0.25		
HD183A5BAA	183A	05/16/2002	SOIL GRID	0.25	0.50		
HD183A5CAA	183A	05/16/2002	SOIL GRID	0.50	1.00		
HD183A7AAA	183A	05/16/2002	SOIL GRID	0.00	0.25		

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

BWTE = Depth below water table, end depth, measured in feet

TABLE 2  
 SAMPLING PROGRESS  
 05/11/2002 - 05/17/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD183A7BAA	183A	05/16/2002	SOIL GRID	0.25	0.50		
HD183A7CAA	183A	05/16/2002	SOIL GRID	0.50	1.00		
HD183B1AAA	183B	05/16/2002	SOIL GRID	0.00	0.25		
HD183B1BAA	183B	05/16/2002	SOIL GRID	0.25	0.50		
HD183B1CAA	183B	05/16/2002	SOIL GRID	0.50	1.00		
HD183B3AAA	183B	05/16/2002	SOIL GRID	0.00	0.25		
HD183B3BAA	183B	05/16/2002	SOIL GRID	0.25	0.50		
HD183B3CAA	183B	05/16/2002	SOIL GRID	0.50	1.00		
HD183B5AAA	183B	05/16/2002	SOIL GRID	0.00	0.25		
HD183B5BAA	183B	05/16/2002	SOIL GRID	0.25	0.50		
HD183B5CAA	183B	05/16/2002	SOIL GRID	0.50	1.00		
HD183B7AAA	183B	05/16/2002	SOIL GRID	0.00	0.25		
HD183B7BAA	183B	05/16/2002	SOIL GRID	0.25	0.50		
HD183B7CAA	183B	05/16/2002	SOIL GRID	0.50	1.00		
HD183B7CAD	183B	05/16/2002	SOIL GRID	0.50	1.00		
HD184A1AAA	184A	05/16/2002	SOIL GRID	0.00	0.25		
HD184A1BAA	184A	05/16/2002	SOIL GRID	0.20	0.50		
HD184A1CAA	184A	05/17/2002	SOIL GRID	0.50	1.00		
HD184A3AAA	184A	05/16/2002	SOIL GRID	0.00	0.25		
HD184A3BAA	184A	05/16/2002	SOIL GRID	0.20	0.50		
HD184A3CAA	184A	05/17/2002	SOIL GRID	0.50	1.00		
HD184A5AAA	184A	05/16/2002	SOIL GRID	0.00	0.25		
HD184A5BAA	184A	05/16/2002	SOIL GRID	0.20	0.50		
HD184A5CAA	184A	05/17/2002	SOIL GRID	0.50	1.00		
HD184A7AAA	184A	05/16/2002	SOIL GRID	0.00	0.25		
HD184A7BAA	184A	05/16/2002	SOIL GRID	0.20	0.50		
HD184A7CAA	184A	05/17/2002	SOIL GRID	0.50	1.00		
HD184B1AAA	184B	05/17/2002	SOIL GRID	0.00	0.25		
HD184B1BAA	184B	05/17/2002	SOIL GRID	0.25	0.50		
HD184B1CAA	184B	05/17/2002	SOIL GRID	0.50	1.00		
HD184B3AAA	184B	05/17/2002	SOIL GRID	0.00	0.25		
HD184B3BAA	184B	05/17/2002	SOIL GRID	0.25	0.50		
HD184B3CAA	184B	05/17/2002	SOIL GRID	0.50	1.00		
HD184B5AAA	184B	05/17/2002	SOIL GRID	0.00	0.25		
HD184B5BAA	184B	05/17/2002	SOIL GRID	0.25	0.50		
HD184B5CAA	184B	05/17/2002	SOIL GRID	0.50	1.00		
HD184B7AAA	184B	05/17/2002	SOIL GRID	0.00	0.25		
HD184B7BAA	184B	05/17/2002	SOIL GRID	0.25	0.50		
HD184B7CAA	184B	05/17/2002	SOIL GRID	0.50	1.00		
HD184B7CAD	184B	05/17/2002	SOIL GRID	0.50	1.00		
HD185A1AAA	185A	05/15/2002	SOIL GRID	0.00	0.25		

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TABLE 2  
 SAMPLING PROGRESS  
 05/11/2002 - 05/17/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD185A1BAA	185A	05/15/2002	SOIL GRID	0.25	0.50		
HD185A1CAA	185A	05/15/2002	SOIL GRID	0.50	1.00		
HD185A3AAA	185A	05/15/2002	SOIL GRID	0.00	0.25		
HD185A3BAA	185A	05/15/2002	SOIL GRID	0.25	0.50		
HD185A3CAA	185A	05/15/2002	SOIL GRID	0.50	1.00		
HD185A5AAA	185A	05/15/2002	SOIL GRID	0.00	0.25		
HD185A5BAA	185A	05/15/2002	SOIL GRID	0.25	0.50		
HD185A5CAA	185A	05/15/2002	SOIL GRID	0.50	1.00		
HD185A7AAA	185A	05/15/2002	SOIL GRID	0.00	0.25		
HD185A7BAA	185A	05/15/2002	SOIL GRID	0.25	0.50		
HD185A7CAA	185A	05/15/2002	SOIL GRID	0.50	1.00		
HD185B1AAA	185B	05/15/2002	SOIL GRID	0.00	0.25		
HD185B1BAA	185B	05/15/2002	SOIL GRID	0.25	0.50		
HD185B1CAA	185B	05/15/2002	SOIL GRID	0.50	1.00		
HD185B3AAA	185B	05/15/2002	SOIL GRID	0.00	0.25		
HD185B3BAA	185B	05/15/2002	SOIL GRID	0.25	0.50		
HD185B3CAA	185B	05/15/2002	SOIL GRID	0.50	1.00		
HD185B5AAA	185B	05/15/2002	SOIL GRID	0.00	0.25		
HD185B5BAA	185B	05/15/2002	SOIL GRID	0.25	0.50		
HD185B5CAA	185B	05/15/2002	SOIL GRID	0.50	1.00		
HD185B7AAA	185B	05/15/2002	SOIL GRID	0.00	0.25		
HD185B7BAA	185B	05/15/2002	SOIL GRID	0.25	0.50		
HD185B7CAA	185B	05/15/2002	SOIL GRID	0.50	1.00		
HD185B7CAD	185B	05/15/2002	SOIL GRID	0.50	1.00		
HD50C1AAA	50C	05/16/2002	SOIL GRID	0.00	0.50		
HD50C3AAA	50C	05/16/2002	SOIL GRID	0.00	0.50		
HD50C3AAD	50C	05/16/2002	SOIL GRID	0.00	0.50		
HD50C5AAA	50C	05/16/2002	SOIL GRID	0.00	0.50		
HD70B1AAA	70B	05/16/2002	SOIL GRID	0.00	0.50		
HD70B3AAA	70B	05/16/2002	SOIL GRID	0.00	0.50		
HD70B5AAA	70B	05/16/2002	SOIL GRID	0.00	0.50		
J2.F.T6C.XC1.1.0	Target 6C Excavation	05/13/2002	SOIL GRID	0.00	7.25		
J2.F.T6C.XC1.2.0	Target 6C Excavation	05/13/2002	SOIL GRID	7.00	7.25		

Profiling methods include: Volatiles, Explosives and Perchlorate

Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry

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TABLE 3  
DETECTED COMPOUNDS-UNVALIDATED  
SAMPLES COLLECTED 04/27/02 - 05/17/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
4036000-01G	4036000-01G	05/15/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-03G	4036000-03G	05/15/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-04G	4036000-04G	05/15/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-06G	4036000-06G	05/15/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-06GD	4036000-06G	05/15/2002	GROUNDWATER					OC21V	CHLOROFORM	
90MW0019	90MW0019	05/10/2002	GROUNDWATER	161.00	166.00	69.65	74.65	8330N	2,6-DINITROTOLUENE	NO
90MW0019	90MW0019	05/10/2002	GROUNDWATER	161.00	166.00	69.65	74.65	8330N	2-NITROTOLUENE	NO
90MW0019	90MW0019	05/10/2002	GROUNDWATER	161.00	166.00	69.65	74.65	8330N	4-NITROTOLUENE	NO
M-1BAA	M-1	05/11/2002	GROUNDWATER		45.00		2.15	OC21V	CHLOROFORM	
M-1CAA	M-1	05/11/2002	GROUNDWATER		55.00		12.15	OC21V	CHLOROFORM	
M-1DAA	M-1	05/11/2002	GROUNDWATER		65.00		22.15	OC21V	CHLOROFORM	
M-6BAA	M-6	05/12/2002	GROUNDWATER		59.00		7.17	OC21V	CHLOROFORM	
M-6CAA	M-6	05/12/2002	GROUNDWATER		69.00		17.17	OC21V	CHLOROFORM	
M-6DAA	M-6	05/12/2002	GROUNDWATER		76.00		24.17	OC21V	CHLOROFORM	
TW00-4DAA	00-4D	05/11/2002	GROUNDWATER		75.00	42.00	60.00	E314.0	PERCHLORATE	
TW00-4DAA	00-4D	05/11/2002	GROUNDWATER		75.00	42.00	60.00	OC21V	CHLOROFORM	
TW00-4DBA	00-4D	05/11/2002	GROUNDWATER		85.00	42.00	60.00	OC21V	1,2,4-TRICHLOROGENE	
TW00-4DBA	00-4D	05/11/2002	GROUNDWATER		85.00	42.00	60.00	OC21V	CHLOROFORM	
TW01-1A	01-1	05/13/2002	GROUNDWATER	62.00	67.00	55.21	60.21	OC21V	CHLOROFORM	
TW01-1D	01-1	05/13/2002	GROUNDWATER	62.00	67.00	55.21	60.21	OC21V	CHLOROFORM	
TW01-2A	01-2	05/13/2002	GROUNDWATER	50.00	56.00	24.50	30.50	OC21V	CHLOROFORM	
TW1-88AA	01-88	05/12/2002	GROUNDWATER					E314.0	PERCHLORATE	
TW1-88AA	01-88	05/12/2002	GROUNDWATER					OC21V	ACETONE	
TW1-88AA	01-88	05/12/2002	GROUNDWATER					OC21V	CHLOROFORM	
TW1-88AA	01-88	05/12/2002	GROUNDWATER					OC21V	TOLUENE	
TW1-88BA	01-88	05/12/2002	GROUNDWATER					OC21V	ACETONE	
TW1-88BA	01-88	05/12/2002	GROUNDWATER					OC21V	CHLOROFORM	
TW1-88BA	01-88	05/12/2002	GROUNDWATER					OC21V	TOLUENE	
W02-01M1A	02-01	05/12/2002	GROUNDWATER	95.00	105.00	42.90	52.90	OC21V	CHLOROFORM	

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.

SBD = SAMPLE COLLECTION BEGIN DEPTH IN FEET BGS

SED = SAMPLE COLLECTION END DEPTH IN FEET BGS

BWTS = DEPTH BELOW WATER TABLE, START DEPTH, MEASURED IN FEET

BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET

PDA/YES = Photo Diode Array, Detect Confirmed

PDA/NO = Photo Diode Array, Detect Not Confirmed

\* = Interference in sample

TABLE 3  
 DETECTED COMPOUNDS-UNVALIDATED  
 SAMPLES COLLECTED 04/27/02 - 05/17/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W02-01M2A	02-01	05/12/2002	GROUNDWATER	83.00	93.00	30.90	40.90	OC21V	CHLOROFORM	
W02-03M1A	02-03	05/16/2002	GROUNDWATER	130.00	140.00	86.10	96.10	OC21V	1,4-DICHLOROBENZENE	
W02-03M1A	02-03	05/16/2002	GROUNDWATER	130.00	140.00	86.10	96.10	OC21V	CHLOROFORM	
W02-03M2A	02-03	05/16/2002	GROUNDWATER	92.00	102.00	48.15	58.15	OC21V	1,4-DICHLOROBENZENE	
W02-03M2A	02-03	05/16/2002	GROUNDWATER	92.00	102.00	48.15	58.15	OC21V	CHLOROFORM	
W02-03M3A	02-03	05/16/2002	GROUNDWATER	75.00	85.00	31.05	41.05	OC21V	1,4-DICHLOROBENZENE	
W02-03M3A	02-03	05/16/2002	GROUNDWATER	75.00	85.00	31.05	41.05	OC21V	CHLOROFORM	
W02-03M3D	02-03	05/16/2002	GROUNDWATER	75.00	85.00	31.05	41.05	OC21V	1,4-DICHLOROBENZENE	
W02-03M3D	02-03	05/16/2002	GROUNDWATER	75.00	85.00	31.05	41.05	OC21V	CHLOROFORM	
W02-08M3A	02-08	05/09/2002	GROUNDWATER	62.00	67.00	40.58	45.58	E314.0	PERCHLORATE	
W02-08M3D	02-08	05/09/2002	GROUNDWATER	62.00	67.00	40.58	45.58	E314.0	PERCHLORATE	
W02-13M1A	02-13	05/11/2002	GROUNDWATER	98.00	108.00	58.33	68.33	OC21V	CHLOROFORM	
W02-13M1A	02-13	05/16/2002	GROUNDWATER	98.00	108.00	58.33	68.33	OC21V	CHLOROFORM	
W02-13M2A	02-13	05/11/2002	GROUNDWATER	83.00	93.00	44.20	54.20	OC21V	CHLOROFORM	
W02-13M2A	02-13	05/16/2002	GROUNDWATER	83.00	93.00	44.20	54.20	OC21V	CHLOROFORM	
W02-13M3A	02-13	05/11/2002	GROUNDWATER	68.00	78.00	28.30	38.30	OC21V	CHLOROFORM	
W02-13M3A	02-13	05/16/2002	GROUNDWATER	68.00	78.00	28.30	38.30	OC21V	CHLOROFORM	
W02-13M3D	02-13	05/11/2002	GROUNDWATER	68.00	78.00	28.00	38.00	OC21V	CHLOROFORM	
W02-13M3D	02-13	05/16/2002	GROUNDWATER	68.00	78.00	28.00	38.00	OC21V	CHLOROFORM	
W141M2A	MW-141	05/15/2002	GROUNDWATER	162.00	172.00	34.00	44.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
W39M2A	MW-39	05/15/2002	GROUNDWATER	175.00	185.00	39.00	49.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
W39M2A	MW-39	05/15/2002	GROUNDWATER	175.00	185.00	39.00	49.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7	YES
W43M2A	MW-43	05/15/2002	GROUNDWATER	200.00	210.00	67.00	77.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
W80M1A	MW-80	05/02/2002	GROUNDWATER	130.00	140.00	86.00	96.00	E314.0	PERCHLORATE	
WS-4ADA	WS-4A	05/14/2002	GROUNDWATER	218.00	228.00	148.50	158.50	OC21V	CHLOROFORM	
WS-4ASA	WS-4A	05/14/2002	GROUNDWATER	155.00	165.00	85.50	95.50	OC21V	CHLOROFORM	
G215DIA	MW-215	05/06/2002	PROFILE	200.00	200.00	93.85	93.85	E314.0	PERCHLORATE	
G215DJA	MW-215	05/06/2002	PROFILE	210.00	210.00	103.85	103.85	E314.0	PERCHLORATE	
G217DBA	MW-217	05/14/2002	PROFILE	20.00	20.00	14.20	14.20	8330N	2,4,6-TRINITROTOLUENE	NO

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 DETECTED COMPOUNDS-UNVALIDATED  
 SAMPLES COLLECTED 04/27/02 - 05/17/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G217DBA	MW-217	05/14/2002	PROFILE	20.00	20.00	14.20	14.20	8330N	2,6-DINITROTOLUENE	NO
G217DBA	MW-217	05/14/2002	PROFILE	20.00	20.00	14.20	14.20	8330N	PICRIC ACID	NO
G217DBA	MW-217	05/14/2002	PROFILE	20.00	20.00	14.20	14.20	OC21V	BENZENE	
G217DBA	MW-217	05/14/2002	PROFILE	20.00	20.00	14.20	14.20	OC21V	CHLOROFORM	
G217DBA	MW-217	05/14/2002	PROFILE	20.00	20.00	14.20	14.20	OC21V	TOLUENE	
G217DCA	MW-217	05/14/2002	PROFILE	30.00	30.00	24.20	24.20	OC21V	BENZENE	
G217DCA	MW-217	05/14/2002	PROFILE	30.00	30.00	24.20	24.20	OC21V	CHLOROFORM	
G217DDA	MW-217	05/14/2002	PROFILE	40.00	40.00	34.20	34.20	OC21V	BENZENE	
G217DDA	MW-217	05/14/2002	PROFILE	40.00	40.00	34.20	34.20	OC21V	CHLOROFORM	
G217DDA	MW-217	05/14/2002	PROFILE	40.00	40.00	34.20	34.20	OC21V	TOLUENE	
G217DEA	MW-217	05/14/2002	PROFILE	50.00	50.00	44.20	44.20	OC21V	BENZENE	
G217DEA	MW-217	05/14/2002	PROFILE	50.00	50.00	44.20	44.20	OC21V	CHLOROFORM	
G217DEA	MW-217	05/14/2002	PROFILE	50.00	50.00	44.20	44.20	OC21V	TOLUENE	
G217DFA	MW-217	05/14/2002	PROFILE	60.00	60.00	54.20	54.20	OC21V	BENZENE	
G217DFA	MW-217	05/14/2002	PROFILE	60.00	60.00	54.20	54.20	OC21V	CHLOROFORM	
G217DFA	MW-217	05/14/2002	PROFILE	60.00	60.00	54.20	54.20	OC21V	TOLUENE	
G217DGA	MW-217	05/14/2002	PROFILE	70.00	70.00	64.20	64.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
G217DGA	MW-217	05/14/2002	PROFILE	70.00	70.00	64.20	64.20	OC21V	CHLOROFORM	
G217DHA	MW-217	05/14/2002	PROFILE	80.00	80.00	74.20	74.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
G217DHA	MW-217	05/14/2002	PROFILE	80.00	80.00	74.20	74.20	OC21V	CHLOROFORM	
G217DIA	MW-217	05/14/2002	PROFILE	90.00	90.00	84.20	84.20	OC21V	CHLOROFORM	
G217DIA	MW-217	05/14/2002	PROFILE	90.00	90.00	84.20	84.20	OC21V	TOLUENE	
G217DJA	MW-217	05/14/2002	PROFILE	100.00	100.00	94.20	94.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
G217DJA	MW-217	05/14/2002	PROFILE	100.00	100.00	94.20	94.20	OC21V	CHLOROFORM	
G217DKA	MW-217	05/14/2002	PROFILE	110.00	110.00	104.20	104.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
G217DKA	MW-217	05/14/2002	PROFILE	110.00	110.00	104.20	104.20	OC21V	BENZENE	
G217DKA	MW-217	05/14/2002	PROFILE	110.00	110.00	104.20	104.20	OC21V	CHLOROFORM	
G217DKA	MW-217	05/14/2002	PROFILE	110.00	110.00	104.20	104.20	OC21V	TOLUENE	
G217DLA	MW-217	05/14/2002	PROFILE	120.00	120.00	114.20	114.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES

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 DETECTED COMPOUNDS-UNVALIDATED  
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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G217DLA	MW-217	05/14/2002	PROFILE	120.00	120.00	114.20	114.20	OC21V	CHLOROFORM	
G217DMA	MW-217	05/14/2002	PROFILE	130.00	130.00	124.20	124.20	OC21V	CHLOROFORM	
G217DNA	MW-217	05/15/2002	PROFILE	140.00	140.00	134.20	134.20	E314.0	PERCHLORATE	
G217DOA	MW-217	05/15/2002	PROFILE	150.00	150.00	144.20	144.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
G217DOA	MW-217	05/15/2002	PROFILE	150.00	150.00	144.20	144.20	OC21V	CHLOROFORM	
G217DOD	MW-217	05/15/2002	PROFILE	150.00	150.00	144.20	144.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
G217DOD	MW-217	05/15/2002	PROFILE	150.00	150.00	144.20	144.20	OC21V	CHLOROFORM	
G217DPA	MW-217	05/15/2002	PROFILE	160.00	160.00	154.20	154.20	OC21V	1,2-DICHLOROPROPANE	
G217DPA	MW-217	05/15/2002	PROFILE	160.00	160.00	154.20	154.20	OC21V	ACETONE	
G217DPA	MW-217	05/15/2002	PROFILE	160.00	160.00	154.20	154.20	OC21V	CHLOROFORM	
G218DIA	MW-218	05/10/2002	PROFILE	90.00	90.00	83.83	83.83	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
G218DIA	MW-218	05/10/2002	PROFILE	90.00	90.00	83.83	83.83	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
G218DIA	MW-218	05/10/2002	PROFILE	90.00	90.00	83.83	83.83	OC21V	CHLOROFORM	
G218DJA	MW-218	05/10/2002	PROFILE	100.00	100.00	93.83	93.83	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
G218DJA	MW-218	05/10/2002	PROFILE	100.00	100.00	93.83	93.83	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
G218DJA	MW-218	05/10/2002	PROFILE	100.00	100.00	93.83	93.83	OC21V	CHLOROFORM	
G218DKA	MW-218	05/10/2002	PROFILE	110.00	110.00	103.83	103.83	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
G218DKA	MW-218	05/10/2002	PROFILE	110.00	110.00	103.83	103.83	OC21V	CHLOROFORM	
G218DLA	MW-218	05/10/2002	PROFILE	120.00	120.00	113.83	113.83	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
G218DMA	MW-218	05/10/2002	PROFILE	130.00	130.00	123.83	123.83	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES
G218DMA	MW-218	05/10/2002	PROFILE	130.00	130.00	123.83	123.83	E314.0	PERCHLORATE	
G218DNA	MW-218	05/10/2002	PROFILE	140.00	140.00	133.83	133.83	OC21V	CHLOROFORM	
G218DOA	MW-218	05/10/2002	PROFILE	150.00	150.00	143.83	143.83	OC21V	CHLOROFORM	
G218DPA	MW-218	05/13/2002	PROFILE	160.00	160.00	153.83	153.83	OC21V	BENZENE	
G218DPA	MW-218	05/13/2002	PROFILE	160.00	160.00	153.83	153.83	OC21V	CHLOROFORM	
G218DPA	MW-218	05/13/2002	PROFILE	160.00	160.00	153.83	153.83	OC21V	TOLUENE	
G218DPA	MW-218	05/13/2002	PROFILE	160.00	160.00	153.83	153.83	OC21V	XYLENES, TOTAL	
G218DQA	MW-218	05/13/2002	PROFILE	170.00	170.00	163.83	163.83	OC21V	CHLOROFORM	
G218DRA	MW-218	05/13/2002	PROFILE	180.00	180.00	173.83	173.83	OC21V	CHLOROFORM	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G221DAA	MW-221	05/14/2002	PROFILE	150.00	150.00	4.50	4.50	8330N	2,6-DINITROTOLUENE	NO
G221DAA	MW-221	05/14/2002	PROFILE	150.00	150.00	4.50	4.50	8330N	3-NITROTOLUENE	NO
G221DAA	MW-221	05/14/2002	PROFILE	150.00	150.00	4.50	4.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G221DAA	MW-221	05/14/2002	PROFILE	150.00	150.00	4.50	4.50	8330N	NITROGLYCERIN	NO
G221DAA	MW-221	05/14/2002	PROFILE	150.00	150.00	4.50	4.50	8330N	PICRIC ACID	NO
G221DHA	MW-221	05/15/2002	PROFILE	220.00	220.00	74.50	74.50	8330N	2,6-DINITROTOLUENE	NO
G221DHA	MW-221	05/15/2002	PROFILE	220.00	220.00	74.50	74.50	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G221DHA	MW-221	05/15/2002	PROFILE	220.00	220.00	74.50	74.50	8330N	3-NITROTOLUENE	NO
G221DHA	MW-221	05/15/2002	PROFILE	220.00	220.00	74.50	74.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G221DHA	MW-221	05/15/2002	PROFILE	220.00	220.00	74.50	74.50	8330N	NITROGLYCERIN	NO
G221DHA	MW-221	05/15/2002	PROFILE	220.00	220.00	74.50	74.50	8330N	PICRIC ACID	NO
G221DIA	MW-221	05/15/2002	PROFILE	230.00	230.00	84.50	84.50	8330N	NITROGLYCERIN	NO
G221DJA	MW-221	05/15/2002	PROFILE	240.00	240.00	94.50	94.50	8330N	NITROGLYCERIN	NO
G221DKA	MW-221	05/15/2002	PROFILE	250.00	250.00	104.50	104.50	8330N	NITROGLYCERIN	NO
G221DKA	MW-221	05/15/2002	PROFILE	250.00	250.00	104.50	104.50	8330N	PICRIC ACID	NO
G221DMA	MW-221	05/16/2002	PROFILE	270.00	270.00	124.50	124.50	8330N	2,6-DINITROTOLUENE	NO
G221DMA	MW-221	05/16/2002	PROFILE	270.00	270.00	124.50	124.50	8330N	3-NITROTOLUENE	NO
G221DMA	MW-221	05/16/2002	PROFILE	270.00	270.00	124.50	124.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G221DMA	MW-221	05/16/2002	PROFILE	270.00	270.00	124.50	124.50	8330N	NITROBENZENE	NO
G221DMA	MW-221	05/16/2002	PROFILE	270.00	270.00	124.50	124.50	8330N	NITROGLYCERIN	NO
G221DMA	MW-221	05/16/2002	PROFILE	270.00	270.00	124.50	124.50	8330N	PICRIC ACID	NO
G221DPA	MW-221	05/17/2002	PROFILE	300.00	300.00	154.50	154.50	8330N	3-NITROTOLUENE	NO
G221DPA	MW-221	05/17/2002	PROFILE	300.00	300.00	154.50	154.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G221DPA	MW-221	05/17/2002	PROFILE	300.00	300.00	154.50	154.50	8330N	NITROGLYCERIN	NO*
G221DPA	MW-221	05/17/2002	PROFILE	300.00	300.00	154.50	154.50	8330N	PICRIC ACID	NO
G221DTA	MW-221	05/17/2002	PROFILE	340.00	340.00	194.50	194.50	8330N	NITROGLYCERIN	NO
G222DAA	MW-222	05/14/2002	PROFILE	125.00	125.00	9.70	9.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	NO
G222DAA	MW-222	05/14/2002	PROFILE	125.00	125.00	9.70	9.70	8330N	NITROGLYCERIN	NO
G222DBA	MW-222	05/14/2002	PROFILE	130.00	130.00	14.70	14.70	8330N	2,6-DINITROTOLUENE	NO

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G222DBA	MW-222	05/14/2002	PROFILE	130.00	130.00	14.70	14.70	8330N	2-NITROTOLUENE	NO
G222DBA	MW-222	05/14/2002	PROFILE	130.00	130.00	14.70	14.70	8330N	4-NITROTOLUENE	NO
G222DBA	MW-222	05/14/2002	PROFILE	130.00	130.00	14.70	14.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	NO
G222DBA	MW-222	05/14/2002	PROFILE	130.00	130.00	14.70	14.70	8330N	NITROGLYCERIN	NO
G222DCA	MW-222	05/15/2002	PROFILE	140.00	140.00	24.70	24.70	8330N	3-NITROTOLUENE	NO
G222DCA	MW-222	05/15/2002	PROFILE	140.00	140.00	24.70	24.70	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G222DCA	MW-222	05/15/2002	PROFILE	140.00	140.00	24.70	24.70	8330N	4-NITROTOLUENE	NO
G222DCA	MW-222	05/15/2002	PROFILE	140.00	140.00	24.70	24.70	8330N	NITROGLYCERIN	NO
G222DCA	MW-222	05/15/2002	PROFILE	140.00	140.00	24.70	24.70	8330N	PICRIC ACID	NO
G222DDA	MW-222	05/15/2002	PROFILE	150.00	150.00	34.70	34.70	8330N	NITROGLYCERIN	NO
G222DFA	MW-222	05/15/2002	PROFILE	170.00	170.00	54.70	54.70	8330N	NITROGLYCERIN	NO
G222DFD	MW-222	05/15/2002	PROFILE	170.00	170.00	54.70	54.70	8330N	NITROGLYCERIN	NO
G222DGA	MW-222	05/15/2002	PROFILE	180.00	180.00	64.70	64.70	8330N	NITROGLYCERIN	NO
G222DHA	MW-222	05/15/2002	PROFILE	190.00	190.00	74.70	74.70	8330N	NITROGLYCERIN	NO
G222DJA	MW-222	05/15/2002	PROFILE	210.00	210.00	94.70	94.70	8330N	NITROGLYCERIN	NO
G222DLA	MW-222	05/15/2002	PROFILE	230.00	230.00	114.70	114.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	NO
G222DLA	MW-222	05/15/2002	PROFILE	230.00	230.00	114.70	114.70	8330N	NITROGLYCERIN	NO

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