WEEKLY PROGRESS UPDATE
FOR APRIL 1 – APRIL 5, 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 April 1 through April 5, 2002.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of April 5 is summarized in Table 1.

Table 1. Drilling progress as of April 5, 2002

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-210	Demo Area 1 (D1P-9)	310	209	201-211, 156-166, 121-131
02-04	Bourne monitoring well	30		
02-05	Bourne monitoring well	133	105	110-120, 92-102, 75-85
02-08	Bourne monitoring well	130	110	
02-12	Bourne monitoring well	153	104	109-119, 94-104, 79-89
02-13	Bourne monitoring well	148	110	

bgs = below ground surface
bwt = below water table

Completed well installation of wells MW-210 (D1P-9), 02-05, and 02-12, completed drilling of well 02-08, 02-13, and commenced drilling of 02-04. 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 02-08, and 02-13. Groundwater samples were collected from Bourne water supply wells, sentry wells, test wells, monitoring wells, far field wells, and artesian spring. Groundwater samples were collected from a Snake Pond residential well. Water samples were collected of the FS-12 treatment system influent and effluent. Soil samples were collected from grids at D Range, E Range, G Range, H Range, J Range, and KD Ranges as part of the Supplemental Phase IIb soil sampling. A post-detonation soil sample was collected from a crater grid in the Central Impact Area.

As part of the Munitions Survey Project, pre-detonation and post-detonation soil samples were collected from Transects 2 and 3 in the Central Impact Area HUTA2. Wipe and soil samples were collected from UXO and soil samples were collected beneath UXO in Transect 3.

The Guard, EPA, and MADEP had a meeting on April 4 to discuss technical issues, including the following:

Attendees

Ben Gregson (IAGWSPO)	MAJ Bill Meyer (IAGWSPO)	Bill Gallagher (IAGWSPO)
Tina Dolen (IAGWSPO)	Karen Wilson (IAGWSPO)	Pam Richardson (IAGWSPO)
LTC Bill FitzPatrick (MAARNG)	Hap Gonser (JPO)	Mike Minior (AFCEE)
Todd Borci (EPA)	Mike Jasinski (EPA)	Desiree Moyer (EPA)
Len Pinaud (MADEP)	Mark Panni (MADEP)	Ed Wise (ACE)
Gina Tyo (ACE)	John MacPherson (ACE)	Heather Sullivan (ACE)
Rob Foti (ACE)	Rob Clemens (AMEC)	Marc Grant (AMEC)
John Rice (AMEC)	Kim Harriz (AMEC)	Herb Colby (AMEC)
Russell Johnson (AMEC)	Jay Clausen (AMEC)	Kim Groff (AMEC)
Diane Curry (AMEC)	Mark Applebee (AMEC)	Kim Henry (AMEC-phone)
Larry Hudgins (Tt)	Joe Dauchy (Tt-phone)	Leo Montroy (Tt-phone)
Susan Stewart (Tt-phone)	Dave Williams (MDPH)	Don Walter (USGS)
Adam Balogh (TRC-phone)	Ken Gaynor (Jacobs)	Kris Curley (Guild)
Leo Yuskus (Haley and Ward)	Fred Cannon (Penn. State Univ.)	

Bourne Well Update

Ben Gregson (IAGWSPO) provided an update on the status of the Bourne Response Plan.

- Recent test results show a detection of perchlorate in Bourne Supply Well 6. Whereas Bourne Supply Well 4, after having a detection 3 weeks ago, has been non-detect in the last two events.
- Proposed monitoring wells 02-1, 02-2, 02-3, 02-5 have been set. Well 02-12 is being set now; 02-9 screens should be selected today. Drilling/profiling of 02-13 and 02-8 has been completed. Next wells to be set up on for drilling/profiling will be 02-4 and 02-10. Installation and development of the wells is continuing. Of proposed and approved monitoring wells, 02-11 and 02-7 are still outstanding. The monthly sampling of area wells is continuing. M-series wells were sampled 4/2, 4/3 and today.
- John Rice (AMEC) indicated that the rock at 135 ft in Base Water Supply Well WS-4 had been removed, but another rock was lodged in the well slightly below the first. The drilling subcontractor is still working on removing this rock, and will continue to attempt to remove the rocks (if any more).
- A site walk was conducted with the Bourne Conservation Commission last week to review 02-6, 02-14, and 02-15 locations on Conscom property. Permission to drill these locations is being brought up in front of the commission today. Conscom expects to provide the Guard a letter tomorrow with the decision. A meeting is to be held 4/10 with the homeowner's association, regarding right-of-entry to access the location for 02-15.
- All parties agreed, that drilling location 02-11 would be reevaluated pending the results from 02-4 and 02-10. 02-7 is ready for drilling. 02-14 and 02-15 should be a priority. Because of detection of perchlorate in supply well 6, drilling of 02-6 may no longer be a priority. Drilling of this well, if completed, will be attempted with a direct push rig.
- A preliminary water table map of the Bourne well field area was distributed. Additional wells still need to be surveyed and incorporated into the map. Another synoptic water level measurement round is pending. Particle backtracks from Bourne wells with detections extend back between far field wells MW-80 and MW-81 on base and terminate as far back as MW-7. New particle tracks will be presented in the Perchlorate Sampling Plan to be submitted today.
- Leo Yuskus (Haley and Ward) indicated that the Bourne Water District has considered the need for additional monitoring wells between MW-80 and MW-81 on base and a line of wells (oriented north/south) up from M-7. For meeting long-term water supply needs, the district is currently considering hooking up to the Sandwich water district and is looking at using Base

Supply Well WS-4. However, monitoring wells are needed upgradient of WS-4 to make this a viable option. The Bourne Water District has called an 8am Board meeting on 4/9 (Tuesday), inviting Robert Gill (Guard) and the Army Corps, to discuss water supply issues, including how to get a pipeline down from the cooperative by June and how to get WS-4 up and pumping.

Punchlist Items

#2 Provide summary of RAD results for MW-181 (AMEC). Summary write-up and validated data to be provided by 4/5.

#3 Provide list of ASP stored items containing Perchlorate (Corps). Letter was sent to EPA with information and the request that it was not for public distribution for security reasons per LTC Cunhan's direction. The letter was refused by EPA. Item to be removed from punchlist. EPA to contact LTC Cunhan directly.

#4 Provide data from Snake Pond Drive Point sampling effort (AMEC). Data emailed 4/3. Heather Sullivan (ACE) indicated that no explosives were detected in the 14 samples. There was one detection of Perchlorate at location 9 at 4 feet below the pond bottom. Location 9 had been collocated with location 5, which is where the previous detection of perchlorate was found at 2 feet below the pond bottom. Dave Williams (MDPH) and EPA agreed that sampling of surface water north of the spit in the area of Locations 9 and 5 be added to the seasonal biweekly sampling of Snake Pond beaches. Guard agreed to include this location in the next biweekly sampling event in April.

#5 Provide status of validated data for SE Corner of the Ranges (AMEC). Provided at Tech meeting during agenda discussion.

#6 Provide list of HUTA2 items that were transported to the CDC (Corps). List provided earlier in week.

#7 Provide Profile/Screen depths of MW-102,-103, -123, -124 (AMEC). List provided at meeting.

#8 Provide Bourne Water Table Map (AMEC). Map distributed at meeting.

#9 Provide Update on rock removal at WS-4 (AMEC). Update provided in conjunction with Bourne Update.

#10 Provide information on pile of OE scrap at RRA containment pad (Corps). Gina Tyo (ACE) indicated that Scott Veenstra (AMEC) had confirmed that the OE scrap (3 or 4 items) were not from development of the pad or the soil washing effort. Frank Fedele (ACE) had also indicated to Desiree Moyer (EPA) that the scrap would be removed by the end of today. List of items removed to be provided at next Tech meeting.

Munitions Survey Project Update

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

HUTA2. Work at HUTA2 will be completed by 4/5. BIPs were conducted at Transects 2 & 3 today. Karen Wilson (IAGWSPO) to conduct a site visit relative to restoration for Transects 2,3,4 on 4/9.

J Range Polygons. Two crews will start polygon excavations on 4/8. One crew will start on J-2 Range Polygon 2. A second crew will begin with the J-2 Polygons 22-25 that require notification in accordance with the established Sandwich notification protocol.

Eastern MSP. Geophysics survey is scheduled to be conducted on 4/5. The area of the drum remnants will be included in the investigation. Some information will be available next week. Anomaly picks for excavation to be reviewed at 4/25 Tech meeting.

U Range. Surveyors will be working on 4/8-9. A 155MM projectile with a variable time fuze was found in the access road during UXO clearance. EPA requested more information on this 155MM round, including orientation. Also EPA would like to know the location of the sampling grids (that were selected to be in the area where detonation cord was found at the site) relative to the round's location.

BIP Items- Three items to be BIPed today at HUTA2 Transect 2 and 3 include:

1 105MM Projectile, HE, with Unknown MT Fuze.
1 37MM Projectile, TP, M63 MOD-1.
1 Fuze, PD, BD, M58 Series.

MCP/MADEP Coordination

Bill Gallagher (IAGWSPO) led the discussion of coordination of deliverables with MCP requirements. An additional meeting to be scheduled to discuss larger issues.

- The Guard will be submitting a Final MCP Phase II Scope of Work (SOW) with transmittal forms for Demo 1. The Demo 1 Post-Screening Investigation Workplan and Demo 1 EcoRisk Workplan will together be considered a Phase II SOW. These documents to be sent out this week.
- The Central Impact Area Perchlorate Sampling Plan, when finalized, will be submitted with transmittal forms and be considered a partial Phase II SOW.
- The Guard would like to have a kick-off meeting for the Central Impact Area EcoRisk work to discuss the general approach. The SOW should be similar to the Demo 1 SOW, however, there will be additional issues. Following the kick-off meeting, a scoping meeting (at the end of April) will be held prior to submission of the draft Workplan. Len Pinaud (MADEP) indicated that they needed 2 weeks notice of the meeting so that the proper DEP personnel can be scheduled to attend.
- The Guard is waiting on approval from MADEP regarding the approach to selecting/consolidating starting dates for groups of related sites (releases) to be entered into the MCP process. Based on MADEP input, the Guard will then integrate the MCP deliverable requirements into the existing schedule. Len Pinaud (MADEP) indicated that they were hoping to get a letter out next week on applicable issues.
- Next MCP update to be scheduled in one month (5/2).

Central Impact Area Proposed Wells

Heather Sullivan (ACE) distributed a map showing wells installed to date, and contour lines of the RDX detections above detection and above the health advisory of 2 ppb. Dashed lines indicated results based on profile samples. A table showing profiling and other results for wells around CIAP-25 was distributed as part of the PunchList discussion.

- **CIAP-26**: The Guard proposed a location for this well along the rail spur for the gravity range. Bill Gallagher (IAGWSPO) indicated that the location didn't look like it would be an issue for natural resources. All parties agreed on the location pending ROA approval, with Todd Borci requesting that the well be placed as far east of the cleared area of the spur as possible.
- **CIAP-25**: Profile depth and screen depth of MW-103/102/123/124 were reviewed relative to the depth of the MW-209 detection. All parties agreed that no additional monitoring wells were needed in this area, because the contaminant distribution appeared to be adequately delineated by the existing well network. Proposed well CIAP-25 was determined to be no longer needed at it's original location.
- **Other Proposed Locations**. John Rice (AMEC) indicated that CIAP-13, CIAP-23, and CIAP-11 are ready to be drilled. However, CIAP-11 is on hold until UXO clearance is completed at CIAP-12. CIAP-14 is on hold pending results from MW-203. Mike Jasinski (EPA) requested that a summary sheet of surrounding well results for be prepared for CIAP-14 discussion as they had been for CIAP-25.
- Mr. Rice also indicated that the drilling contractor may be able to mobilize another drill rig next week. If so, the rig could start on CIAP-13 and then potentially move on to CIAP-11. CIAP-23 was less of a priority.

Long Term Ground Water Monitoring Plan Highlights

Russ Johnson (AMEC) responded to questions on the Long Term Groundwater Monitoring (LTGM) Plan that was submitted on 3/29. The sampling table for Demo 1 Area wells was distributed.

- Color-coded tables in the Appendix of the LTGM Plan outline all requirements of the long term monitoring. The 2002 LTGM table consists of the 2001 table with all new wells and analytes added in bold. Most of the color highlighting is added to columns to show the analytes from the 2001 plan that will be discontinued for various reasons. The magenta highlighting shows wells included for the comprehensive annual event.
- Mike Jasinski (EPA) pointed out that the arsenic in groundwater standard will be changed from 50 ppb to 10 ppb and this may impact the decision on whether metals analysis will be retained for some wells. Mr. Johnson to rescreen for arsenic based on the 10 ppb criteria.
- Mr. Jasinski also inquired about CS-19 wells 58MW0001, -6E, -7E, -10B, -15A and –15B; why these wells had not been selected for perchlorate analysis. Mr. Johnson to check.
- Todd Borci indicated that the results showing the RDX breakdown products from the 8330NX analysis was not included in the Appendix. In addition, VOC results for MW-18 were not included in Appendix A-1.
- Mr. Borci questioned why wells with RDX detections were proposed only to be analyzed using the 8330NX method for the annual event and for the other two events the 8330N method was proposed. Mr. Johnson stated the one-event analysis using 8330NX was discussed in the text. Mr. Johnson to identify appropriate text for EPA's review.
- Mr. Borci indicated that before approving even the Demo 1 well LTGM he would need to review the RDX breakdown product results.

SE Ranges Data/Maps

Herb Colby (AMEC) led discussion related to the status of SE Ranges groundwater data and plume revision activities. Tables of all new well results and plume maps contoured using 10/2001 data were distributed.

- All new monitoring wells have been sampled at least once with the exception of a couple of analyses. However, all wells have been sampled and analyzed for explosives and perchlorate.
- Validation is pending for the new wells and some older wells that were sampled at the end of last year. Validated results from the older wells are expected in 2 weeks.
- Plume maps have been updated with newly installed wells and newly approved proposed wells.
- In regard to proposed wells, all wells north of Snake pond will be profiled for perchlorate as well as explosives. Direct push technology will be used for Snake Pond area wells. Right of entry is being double-checked for J3P-26 with Sandwich Conscom. A site visit is scheduled for 4/5 with Mark Galkowski (Sandwich Conscom) to obtain drilling approval.
- All parties agreed that new plume maps with updated data would be drafted for review at the 4/25 Tech meeting.
- EPA had the following expectations regarding how the RDX plume map would be revised:
    - For plume at the center of the J-1 Range originating at the interberm area, the greater than 2 ppb contour would be expanded. The greater than non detect contour would stay approximately the same.
    - The overall plume width originating from the J-3 Range would be increased.
    - The greater than 2 ppb contour originating at the J-3 Range detonation pit would be extended down to the melt pour building.
- Regarding the proposed locations for J2P-12, J2P-13, and J2P-14 which were located on the historical cleared boundary of woods near Disposal Area 2 on the J-2 Range, Todd Borci

is concerned that the wells are too close to source areas and the particle track from MW-130 is incorrect. Mr. Borci proposed the following alternative locations:
  - Shift J2P-13 directly west to Barlow Road.
  - Shift J2P-12 directly west to inside the current tree line.
  - Shift J2P-14 due south to intersect the current tree line.
- Herb Colby to check on particle track from MW-130

Schedule and Documents

Marc Grant (AMEC) reviewed the document and schedule status. Important outstanding items were addressed as follows:

Documents Having Comments

Gun&Mortar Draft Final Report (TM01-14) – Revision to be submitted 6/03 in accordance with schedule from the approved Gun&Mortar Additional Characterization Workplan.

MSP Phase I Report – EPA to review additional information from the Corps, then MOR can be finalized. No additional comments expected from EPA.

CDC Test Results Report – Corps to resend RCL to Todd Borci. Corps to check to see if Bluegrass Unit test results and protocols already provided.

WorkPlan for AirMag Completion Investigation – Corps provided EPA updated tables and figures. EPA reviewing tables and figures, may provide additional comment next week. DEP comments were received and a RCL was sent by the Guard.

MSP3 U Range and Central Impact Area Sites Workplans – MOR approval may come next week via email.

RRA R2 Completion of Work Report – Heather Sullivan and Mike Jasinski to discuss resolution of comments, afternoon of 4/8.

Supplemental Phase IIb Workplan. – MADEP comments are coming. MOR approval from EPA may be emailed today.

Documents Needing Comments

Draft Revised ASR – Comments from EPA forthcoming. EPA feels this document will continue to be revised as more information is obtained.

Lab Fate & Transport Study – EPA comments to be provided by 4/12.

UXO Interim Screening Report – EPA Comments may be provided by 4/12.

Documents to be Submitted

Central Impact Area Perchlorate Sampling Plan – draft plan to be submitted today.

BA-1 Workplan – draft plan to be submitted 4/8

Miscellaneous

- Ben Gregson (IAGWSPO) reported that according to Hap Gonser (JPO) the results for the WS-1, WS-2, and WS-3 chemical monitoring wells were non detect for perchlorate and that Ceimic laboratory was used for the analysis. EPA requested paper copies of all analytical results for these wells.
- Guard to ask JPO to provide coordinates of chemical monitoring wells for IART maps.
- EPA requested that 50MW0020B be located on Central Impact area maps. Furthermore, the EPA would like the Guard to acquire AFCEE data from CS-19 wells for use on monthly maps. EPA further requested that relative to CS-19, a list be compiled showing which AFCEE wells are sampled under the IAGWSP and which ones are not.
- Central Impact Area – Southeast Corner of the Ranges Field Schedule discussion moved to next week. Todd Borci specifically requested information on changes based on recent developments. Mr. Borci to fax notes on schedule to Rob Foti (ACE).

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 well 4036000-01G (Bourne supply well) had detections of acetone and chloroform. This is the first time acetone had been detected in this well.

- Groundwater samples from well 4036000-03G (Bourne supply well) had detections of acetone, chloroform, toluene and perchlorate. This is the first time acetone and toluene have been detected in this well.

- Groundwater samples from 4036000-04G, 4036000-06G (Bourne supply wells) and MW-80M1, MW-81M3, MW-82M1, MW-82M2, and MW-82S (Bourne far field) had detections of chloroform. The detections were similar to previous sampling rounds.

- Groundwater samples from MW-80M2, MW-80S (Bourne far field) and RS0011 (Snake Pond Residential well) had detections of perchlorate. This is the first time perchlorate has been detected at MW-80S and RS0011.

- Groundwater samples from 00-4D (Bourne test well), 97-2E, M-6C, M-6D (Bourne monitoring wells) and SPRING1A (Bourne artesian well) had detections of chloroform. This is the first sampling round for VOCs in these wells.

- Groundwater samples from 97-2D, 97-2E, 97-2F, 97-2G, M-1B, M-1C, M1-D, M-2B, M-2C, M-2D, M-3B, M-3C, M-4B, M-4C, M-4D, M-5B, M-5C, M-5D, and M-7D (Bourne monitoring wells) had detections of chloroform. This is the first sampling round for these wells.

- Groundwater samples from 97-2B, 97-2C, and M-3D (Bourne monitoring wells) had detections of perchlorate and chloroform. This is the first sampling round for these wells.

- Groundwater samples from M-6B and M-7C (Bourne monitoring wells) had detections of acetone and chloroform. This is the first sampling round for M-7C and the first sampling round for VOCs at M-6B.

- Groundwater samples from M-7B (Bourne monitoring well) had a detection of chloroform. A duplicate sample had detections of chloroform and acetone. This is the first sampling round for this well.

- Groundwater samples from SANDHATCH1-E (Sandwich Fish Hatchery potable well) had detections of TCE and chloroform. A duplicate sample also had a detection of 1,1-dichloroethane. This is the first sampling round for this well.

- Groundwater profile samples from 02-08 (Bourne) had detections of 1,3,5-trinitrobenzene (1 interval), 1,3-dinitrobenzene (1 interval), nitrobenzene (1 interval), nitroglycerin (3 intervals), perchlorate (3 intervals), acetone (11 intervals), chloroethane (2 intervals), chloroform (7 intervals), and 2-butanone (9 intervals). The explosive detections were not confirmed by PDA spectra.

- Groundwater profile samples from 02-09 (Bourne) had detections of nitroglycerin (1 interval), perchlorate (2 intervals), acetone (1 interval), chloroethane (1 interval), and 2-butanone (1 interval). The detection of nitroglycerin was not confirmed by PDA spectra.

- Groundwater profile samples from 02-13 (Bourne) had detections of 2,6-DNT (1 interval), RDX (1 interval), nitroglycerin (8 intervals), picric acid (1 interval), acetone (8 intervals), chloroform (9 intervals), chloromethane (1 interval), and 2-butanone (2 intervals). The detection of 2,6-DNT was confirmed by PDA spectra.

3. DELIVERABLES SUBMITTED

Final Post-Screening Investigation Workplan Demo 1 Soil Operable Unit	04/04/02
Draft Environmental Risk Characterization Demo 1 Soil Operable Unit	04/05/02
Weekly Progress Update for March 25 – March 29, 2002	04/05/02

4. SCHEDULED ACTIONS

Scheduled actions for the week of April 8 include complete well installation at 02-09, complete drilling of 02-04, and commence wells 02-07 and D1P-10. Soil sampling will continue at Supplemental Phase IIB sites.

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. Drilling of D1P-10 located south of MW-173 on Pew Road, will commence next week. The Final Post-Screening Investigation Workplan and the Draft Environmental Risk Characterization for the Soil Operable Unit were submitted this week.

TABLE 2
SAMPLING PROGRESS
03/30/2002 - 04/05/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HDA03270202AA	A03270202	04/05/2002	CRATER GRAB	0.00	0.25		
T2.A.0K.003.1.0	T2.0K.003.R	04/03/2002	CRATER GRID	2.00	2.25		
T2.A.0K.003.1.D	T2.0K.003.R	04/03/2002	CRATER GRID	2.00	2.25		
T2.A.0K.003.2.0	T2.0K.003.R	04/04/2002	CRATER GRID	2.00	2.25		
T2.A.0K.003.3.0	T2.0K.003.R	04/04/2002	CRATER GRID	2.00	2.25		
T3.A.0P.009.1.0	T3.0P.009.R	04/03/2002	CRATER GRID	0.25	0.50		
T3.A.0P.009.2.0	T3.0P.009.R	04/04/2002	CRATER GRID	0.25	0.50		
T3.A.0P.009.3.0	T3.0P.009.R	04/04/2002	CRATER GRID	0.25	0.50		
T3.B.0I.019.3.0	T3.0I.019.R	04/03/2002	CRATER GRID	2.00	2.25		
T3.B.0I.019.4.0	T3.0I.019.R	04/03/2002	CRATER GRID	2.50	3.00		
97-2FE	FIELDQC	04/01/2002	FIELDQC	0.00	0.00		
G02-08DCE	FIELDQC	04/03/2002	FIELDQC	0.00	0.00		
G02-13DDE	FIELDQC	04/01/2002	FIELDQC	0.00	0.00		
G02-13DDT	FIELDQC	04/01/2002	FIELDQC	0.00	0.00		
G02-13DKE	FIELDQC	04/03/2002	FIELDQC	0.00	0.00		
G02-DCT	FIELDQC	04/02/2002	FIELDQC	0.00	0.00		
HC159C1BAE	FIELDQC	04/01/2002	FIELDQC	0.00	0.00		
HC160B1BAE	FIELDQC	04/03/2002	FIELDQC	0.00	0.00		
HD161C1AAE	FIELDQC	04/04/2002	FIELDQC	0.00	0.00		
M-1CAT	FIELDQC	04/04/2002	FIELDQC	0.00	0.00		
M-6BAE	FIELDQC	04/03/2002	FIELDQC	0.00	0.00		
M-6BAT	FIELDQC	04/03/2002	FIELDQC	0.00	0.00		
M-7BAE	FIELDQC	04/04/2002	FIELDQC	0.00	0.00		
W82M1T	FIELDQC	04/05/2002	FIELDQC	0.00	0.00		
W82M2E	FIELDQC	04/05/2002	FIELDQC	0.00	0.00		
T3.B.0I.019.2.0	T3.0I.019.R	04/03/2002	GAUZE WIPE	0.00	0.00		
4036000-01G	4036000-01G	04/03/2002	GROUNDWATER				
4036000-03G	4036000-03G	04/03/2002	GROUNDWATER				
4036000-04G	4036000-04G	04/03/2002	GROUNDWATER				
4036000-06G	4036000-06G	04/03/2002	GROUNDWATER				
97-2BA	97-2	04/01/2002	GROUNDWATER		121.00		75.40
97-2CA	97-2	04/02/2002	GROUNDWATER		132.00		68.00
97-2FA	97-2	04/01/2002	GROUNDWATER		120.00		76.70
97-2GA	97-2	04/01/2002	GROUNDWATER		126.00		73.70
M-1BAA	M-1	04/04/2002	GROUNDWATER		45.00		10.00
M-1CAA	M-1	04/04/2002	GROUNDWATER		55.00		2.80
M-1DAA	M-1	04/04/2002	GROUNDWATER		65.00		12.80
M-2BAA	M-2	04/04/2002	GROUNDWATER		65.00		1.50
M-2CAA	M-2	04/04/2002	GROUNDWATER		75.00		11.50
M-2DAA	M-2	04/04/2002	GROUNDWATER		85.00		21.50
M-3BAA	M-3	04/02/2002	GROUNDWATER		65.00		6.80
M-3CAA	M-3	04/02/2002	GROUNDWATER		75.00		16.80
M-3DAA	M-3	04/02/2002	GROUNDWATER		85.00		26.80

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
03/30/2002 - 04/05/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
M-4BAA	M-4	04/02/2002	GROUNDWATER		69.00		8.20
M-4CAA	M-4	04/02/2002	GROUNDWATER		79.00		18.20
M-4DAA	M-4	04/02/2002	GROUNDWATER		89.00		28.20
M-5BAA	M-5	04/03/2002	GROUNDWATER		65.00		7.20
M-5CAA	M-5	04/03/2002	GROUNDWATER		75.00		17.20
M-5DAA	M-5	04/03/2002	GROUNDWATER		85.00		27.20
M-6BAA	M-6	04/03/2002	GROUNDWATER		59.00		6.80
M-6CAA	M-6	04/03/2002	GROUNDWATER		69.00		16.80
M-6DAA	M-6	04/03/2002	GROUNDWATER		79.00		26.80
M-7BAA	M-7	04/04/2002	GROUNDWATER		43.00		14.40
M-7BAD	M-7	04/04/2002	GROUNDWATER		43.00		14.40
M-7CAA	M-7	04/03/2002	GROUNDWATER		65.00		7.60
M-7DAA	M-7	04/03/2002	GROUNDWATER		75.00		17.60
RS0011SNP	RS0011	04/01/2002	GROUNDWATER				
SPRING1A	SPRING1A	04/05/2002	GROUNDWATER				
TW00-4DAA	00-4D	04/05/2002	GROUNDWATER	65.00	75.00	42.00	60.00
TW00-4DBA	00-4D	04/05/2002	GROUNDWATER	75.00	85.00	42.00	60.00
W80DDA	MW-80	04/05/2002	GROUNDWATER	158.00	168.00	114.00	124.00
W80M1A	MW-80	04/04/2002	GROUNDWATER	140.00	130.00	86.00	96.00
W82M1A	MW-82	04/05/2002	GROUNDWATER	104.00	114.00	76.00	86.00
W82M2A	MW-82	04/05/2002	GROUNDWATER	78.00	88.00	50.00	60.00
W82SSA	MW-82	04/05/2002	GROUNDWATER	25.00	35.00	0.00	10.00
FS12TSEF	FS12TSEF	04/02/2002	PROCESS WATER	0.00	0.00		
FS12TSIN	FS12TSIN	04/02/2002	PROCESS WATER	0.00	0.00		
G02-08DAA	02-08	04/01/2002	PROFILE	30.00	30.00	10.00	10.00
G02-08DBA	02-08	04/02/2002	PROFILE	40.00	40.00	20.00	20.00
G02-08DCA	02-08	04/02/2002	PROFILE	50.00	50.00	30.00	30.00
G02-08DDA	02-08	04/02/2002	PROFILE	60.00	60.00	40.00	40.00
G02-08DEA	02-08	04/02/2002	PROFILE	70.00	70.00	50.00	50.00
G02-08DFA	02-08	04/02/2002	PROFILE	80.00	80.00	60.00	60.00
G02-08DGA	02-08	04/02/2002	PROFILE	90.00	90.00	70.00	70.00
G02-08DHA	02-08	04/02/2002	PROFILE	100.00	100.00	80.00	80.00
G02-08DIA	02-08	04/02/2002	PROFILE	110.00	110.00	90.00	90.00
G02-08DID	02-08	04/02/2002	PROFILE	110.00	110.00	90.00	90.00
G02-08DJA	02-08	04/03/2002	PROFILE	120.00	120.00	100.00	100.00
G02-08DKA	02-08	04/03/2002	PROFILE	130.00	130.00	110.00	110.00
G02-13DCA	02-13	04/01/2002	PROFILE	60.00	60.00	22.20	22.20
G02-13DDA	02-13	04/01/2002	PROFILE	70.00	70.00	32.20	32.20
G02-13DEA	02-13	04/01/2002	PROFILE	80.00	80.00	42.20	42.20
G02-13DFA	02-13	04/01/2002	PROFILE	90.00	90.00	52.20	52.20
G02-13DGA	02-13	04/01/2002	PROFILE	100.00	100.00	62.20	62.20
G02-13DGD	02-13	04/01/2002	PROFILE	100.00	100.00	62.20	62.20
G02-13DHA	02-13	04/01/2002	PROFILE	110.00	100.00	72.20	72.20
G02-13DHA	02-13	04/01/2002	PROFILE	110.00	110.00	72.20	72.20

Profiling methods include: Volatiles, Explosives and Perchlorate
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Other Sample Types methods are variable
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TABLE 2
SAMPLING PROGRESS
03/30/2002 - 04/05/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G02-13DIA	02-13	04/02/2002	PROFILE	120.00	120.00	82.20	82.20
G02-13DJA	02-13	04/02/2002	PROFILE	130.00	130.00	92.20	92.20
G02-13DKA	02-13	04/03/2002	PROFILE	140.00	140.00	102.20	102.20
G02-13DLA	02-13	04/03/2002	PROFILE	148.00	148.00	110.20	110.20
T3.B.0I.019.1.0	T3.0I.019.R	04/03/2002	SOIL BRUSHING	0.00	0.00		
HC128C1AAA	128C	04/02/2002	SOIL GRID	0.00	0.25		
HC128C1BAA	128C	04/02/2002	SOIL GRID	0.25	0.25		
HC128C1CAA	128C	04/02/2002	SOIL GRID	0.25	0.50		
HC128D1AAA	128D	04/02/2002	SOIL GRID	0.00	0.25		
HC128D1BAA	128D	04/02/2002	SOIL GRID	0.25	0.50		
HC128D1CAA	128D	04/02/2002	SOIL GRID	0.50	1.00		
HC158A1AAA	158A	03/29/2002	SOIL GRID	0.00	0.25		
HC158A1BAA	158A	03/29/2002	SOIL GRID	0.25	0.25		
HC158A1CAA	158A	03/29/2002	SOIL GRID	0.50	1.00		
HC158B1AAA	158B	03/29/2002	SOIL GRID	0.00	0.25		
HC158B1BAA	158B	03/29/2002	SOIL GRID	0.25	0.25		
HC158B1CAA	158B	03/29/2002	SOIL GRID	0.50	1.00		
HC159A1AAA	159A	04/01/2002	SOIL GRID	0.00	0.25		
HC159A1BAA	159A	04/01/2002	SOIL GRID	0.25	0.25		
HC159A1CAA	159A	04/01/2002	SOIL GRID	0.50	1.00		
HC159B1AAA	159B	04/01/2002	SOIL GRID	0.00	0.25		
HC159B1BAA	159B	04/01/2002	SOIL GRID	0.25	0.25		
HC159B1CAA	159B	04/01/2002	SOIL GRID	0.50	1.00		
HC159C1AAA	159C	04/01/2002	SOIL GRID	0.00	0.25		
HC159C1BAA	159C	04/01/2002	SOIL GRID	0.25	0.25		
HC159C1CAA	159C	04/01/2002	SOIL GRID	0.50	1.00		
HC159D1AAA	159D	04/02/2002	SOIL GRID	0.00	0.25		
HC159D1BAA	159D	04/02/2002	SOIL GRID	0.25	0.25		
HC159D1CAA	159D	04/02/2002	SOIL GRID	0.25	0.50		
HC159E1AAA	159E	04/02/2002	SOIL GRID	0.00	0.25		
HC159E1BAA	159E	04/02/2002	SOIL GRID	0.25	0.25		
HC159E1CAA	159E	04/02/2002	SOIL GRID	0.25	0.50		
HC160A1AAA	160A	04/03/2002	SOIL GRID	0.00	0.25		
HC160A1BAA	160A	04/03/2002	SOIL GRID	0.25	0.25		
HC160A1CAA	160A	04/03/2002	SOIL GRID	0.50	1.00		
HC160B1AAA	160B	04/03/2002	SOIL GRID	0.00	0.25		
HC160B1BAA	160B	04/03/2002	SOIL GRID	0.25	0.25		
HC160B1CAA	160B	04/03/2002	SOIL GRID	0.50	1.00		
HC160C1AAA	160C	04/03/2002	SOIL GRID	0.00	0.25		
HC160C1BAA	160C	04/03/2002	SOIL GRID	0.25	0.25		
HC160C1CAA	160C	04/03/2002	SOIL GRID	0.50	1.00		
HC161A1AAA	161A	04/03/2002	SOIL GRID	0.00	0.25		
HC161A1BAA	161A	04/03/2002	SOIL GRID	0.25	0.25		
HC161A1CAA	161A	04/03/2002	SOIL GRID	0.50	1.00		

Profiling methods include: Volatiles, Explosives and Perchlorate
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TABLE 2
SAMPLING PROGRESS
03/30/2002 - 04/05/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC161B1AAA	161B	04/04/2002	SOIL GRID	0.00	0.25		
HC161B1BAA	161B	04/04/2002	SOIL GRID	0.25	0.25		
HC161B1CAA	161B	04/04/2002	SOIL GRID	0.50	1.00		
HC161C1AAA	161C	04/04/2002	SOIL GRID	0.00	0.25		
HC161C1AAA	161C	04/04/2002	SOIL GRID	0.50	1.00		
HC161C1BAA	161C	04/04/2002	SOIL GRID	0.25	0.25		
HC162A1AAA	162A	04/04/2002	SOIL GRID	0.00	0.25		
HC162A1BAA	162A	04/04/2002	SOIL GRID	0.25	0.25		
HC162A1CAA	162A	04/04/2002	SOIL GRID	0.50	1.00		
HC162B1AAA	162B	04/04/2002	SOIL GRID	0.00	0.25		
HC162B1BAA	162B	04/04/2002	SOIL GRID	0.25	0.25		
HC162B1CAA	162B	04/04/2002	SOIL GRID	0.50	1.00		
HC162C1AAA	162C	04/05/2002	SOIL GRID	0.00	0.25		
HC162C1BAA	162C	04/05/2002	SOIL GRID	0.25	0.25		
HC162C1CAA	162C	04/05/2002	SOIL GRID	0.50	1.00		
HC162E1AAA	162E	04/05/2002	SOIL GRID	0.00	0.20		
HC162E1BAA	162E	04/05/2002	SOIL GRID	0.25	0.25		
HC162E1CAA	162E	04/05/2002	SOIL GRID	0.50	1.00		
HC162E1CAD	162E	04/05/2002	SOIL GRID	0.50	1.00		
HC162F1AAA	162F	04/05/2002	SOIL GRID	0.00	0.25		
HC162F1BAA	162F	04/05/2002	SOIL GRID	0.25	0.25		
HC162F1CAA	162F	04/05/2002	SOIL GRID	0.50	1.00		
HC162F1CAD	162F	04/05/2002	SOIL GRID	0.50	1.00		
HD128C3AAA	128C	04/02/2002	SOIL GRID	0.00	0.25		
HD128C3BAA	128C	04/02/2002	SOIL GRID	0.25	0.25		
HD128C3CAA	128C	04/02/2002	SOIL GRID	0.50	1.00		
HD128D3AAA	128D	04/02/2002	SOIL GRID	0.00	0.25		
HD128D3BAA	128D	04/02/2002	SOIL GRID	0.25	0.50		
HD128D3CAA	128D	04/02/2002	SOIL GRID	0.50	1.00		
HD128E1AAA	128E	04/03/2002	SOIL GRID	0.00	0.50		
HD128E1BAA	128E	04/03/2002	SOIL GRID	1.50	2.00		
HD128E1BAD	128E	04/03/2002	SOIL GRID	1.50	2.00		
HD128F1AAA	128F	04/03/2002	SOIL GRID	0.00	0.50		
HD128F1BAA	128F	04/03/2002	SOIL GRID	1.50	2.00		
HD128G1AAA	128G	04/03/2002	SOIL GRID	0.00	0.50		
HD128G1BAA	128G	04/03/2002	SOIL GRID	1.50	2.00		
HD158A3AAA	158A	04/01/2002	SOIL GRID	0.00	0.25		
HD158A3BAA	158A	04/01/2002	SOIL GRID	0.25	0.25		
HD158A3CAA	158A	04/01/2002	SOIL GRID	0.50	1.00		
HD158B3AAA	158B	04/01/2002	SOIL GRID	0.00	0.25		
HD158B3BAA	158B	04/01/2002	SOIL GRID	0.25	0.25		
HD158B3CAA	158B	04/01/2002	SOIL GRID	0.50	1.00		
HD159A1AAA	159A	04/01/2002	SOIL GRID	0.00	0.25		
HD159A1BAA	159A	04/01/2002	SOIL GRID	0.25	0.25		

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TABLE 2
SAMPLING PROGRESS
03/30/2002 - 04/05/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD159A1CAA	159A	04/01/2002	SOIL GRID	0.50	1.00		
HD159B1AAA	159B	04/01/2002	SOIL GRID	0.00	0.25		
HD159B1BAA	159B	04/01/2002	SOIL GRID	0.25	0.25		
HD159B1CAA	159B	04/01/2002	SOIL GRID	0.50	1.00		
HD159B1CAD	159B	04/01/2002	SOIL GRID	0.50	1.00		
HD159C1AAA	159C	04/01/2002	SOIL GRID	0.00	0.25		
HD159C1BAA	159C	04/01/2002	SOIL GRID	0.25	0.25		
HD159C1CAA	159C	04/01/2002	SOIL GRID	0.50	1.00		
HD159C1CAD	159C	04/01/2002	SOIL GRID	0.50	1.00		
HD159D3AAA	159D	04/02/2002	SOIL GRID	0.00	0.25		
HD159D3BAA	159D	04/02/2002	SOIL GRID	0.25	0.25		
HD159D3CAA	159D	04/02/2002	SOIL GRID	0.50	1.00		
HD159E3AAA	159E	04/02/2002	SOIL GRID	0.00	0.25		
HD159E3BAA	159E	04/02/2002	SOIL GRID	0.25	0.25		
HD159E3CAA	159E	04/02/2002	SOIL GRID	0.50	1.00		
HD160A3AAA	160A	04/03/2002	SOIL GRID	0.00	0.25		
HD160A3BAA	160A	04/03/2002	SOIL GRID	0.25	0.25		
HD160A3CAA	160A	04/03/2002	SOIL GRID	0.50	1.00		
HD160B3AAA	160B	04/03/2002	SOIL GRID	0.00	0.25		
HD160B3BAA	160B	04/03/2002	SOIL GRID	0.25	0.25		
HD160B3CAA	160B	04/03/2002	SOIL GRID	0.50	1.00		
HD160C3AAA	160C	04/03/2002	SOIL GRID	0.00	0.25		
HD160C3BAA	160C	04/03/2002	SOIL GRID	0.25	0.25		
HD160C3CAA	160C	04/03/2002	SOIL GRID	0.50	1.00		
HD161A1AAA	161A	04/03/2002	SOIL GRID	0.00	0.25		
HD161A1BAA	161A	04/03/2002	SOIL GRID	0.25	0.25		
HD161A1CAA	161A	04/03/2002	SOIL GRID	0.50	1.00		
HD161B1AAA	161B	04/04/2002	SOIL GRID	0.00	0.25		
HD161B1BAA	161B	04/04/2002	SOIL GRID	0.25	0.25		
HD161B1CAA	161B	04/04/2002	SOIL GRID	0.50	1.00		
HD161C1AAA	161C	04/04/2002	SOIL GRID	0.00	0.25		
HD161C1BAA	161C	04/04/2002	SOIL GRID	0.25	0.25		
HD161C1CAA	161C	04/04/2002	SOIL GRID	0.50	1.00		
HD161D3AAA	161D	04/04/2002	SOIL GRID	0.00	0.50		
HD161D3BAA	161D	04/04/2002	SOIL GRID	1.50	2.00		
HD161E3AAA	161E	04/04/2002	SOIL GRID	0.00	0.50		
HD161E3BAA	161E	04/04/2002	SOIL GRID	1.50	2.00		
HD161F3AAA	161F	04/04/2002	SOIL GRID	0.00	0.50		
HD161F3BAA	161F	04/04/2002	SOIL GRID	1.50	2.00		
HD161F3BAD	161F	04/04/2002	SOIL GRID	1.50	2.00		
HD162A1AAA	162A	04/04/2002	SOIL GRID	0.00	0.25		
HD162A1BAA	162A	04/04/2002	SOIL GRID	0.25	0.25		
HD162A1CAA	162A	04/04/2002	SOIL GRID	0.50	1.00		
HD162B1AAA	162B	04/04/2002	SOIL GRID	0.00	0.25		

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SAMPLING PROGRESS
03/30/2002 - 04/05/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD162B1BAA	162B	04/04/2002	SOIL GRID	0.25	0.25		
HD162B1CAA	162B	04/04/2002	SOIL GRID	0.50	1.00		
HD162C1AAA	162C	04/05/2002	SOIL GRID	0.00	0.25		
HD162C1BAA	162C	04/05/2002	SOIL GRID	0.25	0.25		
HD162C1CAA	162C	04/05/2002	SOIL GRID	0.50	1.00		
HD162E3AAA	162E	04/05/2002	SOIL GRID	0.00	0.25		
HD162E3BAA	162E	04/05/2002	SOIL GRID	0.25	0.25		
HD162E3CAA	162E	04/05/2002	SOIL GRID	0.50	1.00		
HD162F3AAA	162F	04/05/2002	SOIL GRID	0.00	0.25		
HD162F3BAA	162F	04/05/2002	SOIL GRID	0.25	0.25		
HD162F3CAA	162F	04/05/2002	SOIL GRID	0.50	1.00		

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TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 03/16/02 - 04/05/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
4036000-01G	4036000-01G	04/03/2002	GROUNDWATER					OC21V	ACETONE	
4036000-01G	4036000-01G	03/27/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-01G	4036000-01G	04/03/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-03G	4036000-03G	03/27/2002	GROUNDWATER					E314.0	PERCHLORATE	
4036000-03G	4036000-03G	04/03/2002	GROUNDWATER					OC21V	ACETONE	
4036000-03G	4036000-03G	03/27/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-03G	4036000-03G	04/03/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-03G	4036000-03G	04/03/2002	GROUNDWATER					OC21V	TOLUENE	
4036000-04G	4036000-04G	03/27/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-04G	4036000-04G	04/03/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-06G	4036000-06G	03/27/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-06G	4036000-06G	04/03/2002	GROUNDWATER					OC21V	CHLOROFORM	
97-2BA	97-2B	04/01/2002	GROUNDWATER		121.00		75.40	E314.0	PERCHLORATE	
97-2BA	97-2B	04/01/2002	GROUNDWATER		121.00		75.40	OC21V	CHLOROFORM	
97-2CA	97-2C	04/02/2002	GROUNDWATER		132.00		68.00	E314.0	PERCHLORATE	
97-2CA	97-2C	04/02/2002	GROUNDWATER		132.00		68.00	OC21V	CHLOROFORM	
97-2DA	97-2D	03/29/2002	GROUNDWATER		115.40		82.90	OC21V	CHLOROFORM	
97-2EA	97-2E	03/29/2002	GROUNDWATER		94.50		49.80	OC21V	CHLOROFORM	
97-2FA	97-2F	04/01/2002	GROUNDWATER		120.00		76.70	OC21V	CHLOROFORM	
97-2GA	97-2G	04/01/2002	GROUNDWATER		126.00		73.70	OC21V	CHLOROFORM	
M-1BAA	M-1	04/04/2002	GROUNDWATER		45.00		10.00	OC21V	CHLOROFORM	
M-1CAA	M-1	04/04/2002	GROUNDWATER		55.00		2.80	OC21V	CHLOROFORM	
M-1DAA	M-1	04/04/2002	GROUNDWATER		65.00		12.80	OC21V	CHLOROFORM	
M-2BAA	M-2	04/04/2002	GROUNDWATER		65.00		1.50	OC21V	CHLOROFORM	
M-2CAA	M-2	04/04/2002	GROUNDWATER		75.00		11.50	OC21V	CHLOROFORM	
M-2DAA	M-2	04/04/2002	GROUNDWATER		85.00		21.50	OC21V	CHLOROFORM	
M-3BAA	M-3	04/02/2002	GROUNDWATER		65.00		6.80	OC21V	CHLOROFORM	
M-3CAA	M-3	04/02/2002	GROUNDWATER		75.00		16.80	OC21V	CHLOROFORM	
M-3DAA	M-3	04/02/2002	GROUNDWATER		85.00		26.80	E314.0	PERCHLORATE	
M-3DAA	M-3	04/02/2002	GROUNDWATER		85.00		26.80	OC21V	CHLOROFORM	
M-4BAA	M-4	04/02/2002	GROUNDWATER		69.00		8.20	OC21V	CHLOROFORM	

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.
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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
M-4CAA	M-4	04/02/2002	GROUNDWATER		79.00		18.20	OC21V	CHLOROFORM	
M-4DAA	M-4	04/02/2002	GROUNDWATER		89.00		28.20	OC21V	CHLOROFORM	
M-5BAA	M-5	04/03/2002	GROUNDWATER		65.00		7.20	OC21V	CHLOROFORM	
M-5CAA	M-5	04/03/2002	GROUNDWATER		75.00		17.20	OC21V	CHLOROFORM	
M-5DAA	M-5	04/03/2002	GROUNDWATER		85.00		27.20	OC21V	CHLOROFORM	
M-6BAA	M-6	04/03/2002	GROUNDWATER		59.00		6.80	OC21V	ACETONE	
M-6BAA	M-6	04/03/2002	GROUNDWATER		59.00		6.80	OC21V	CHLOROFORM	
M-6CAA	M-6	04/03/2002	GROUNDWATER		69.00		16.80	OC21V	CHLOROFORM	
M-6DAA	M-6	04/03/2002	GROUNDWATER		79.00		26.80	OC21V	CHLOROFORM	
M-7BAA	M-7	04/04/2002	GROUNDWATER		43.00		14.40	OC21V	CHLOROFORM	
M-7BAD	M-7	04/04/2002	GROUNDWATER		43.00		14.40	OC21V	ACETONE	
M-7BAD	M-7	04/04/2002	GROUNDWATER		43.00		14.40	OC21V	CHLOROFORM	
M-7CAA	M-7	04/03/2002	GROUNDWATER		65.00		7.60	OC21V	ACETONE	
M-7CAA	M-7	04/03/2002	GROUNDWATER		65.00		7.60	OC21V	CHLOROFORM	
M-7DAA	M-7	04/03/2002	GROUNDWATER		75.00		17.60	OC21V	CHLOROFORM	
RS0011SNP	RS0011	04/01/2002	GROUNDWATER					E314.0	PERCHLORATE	
SANDHATCH1-EA	SANDHATCH1-E	03/29/2002	GROUNDWATER					OC21V	1,1,1-TRICHLOROETHANE	
SANDHATCH1-EA	SANDHATCH1-E	03/29/2002	GROUNDWATER					OC21V	CHLOROFORM	
SANDHATCH1-ED	SANDHATCH1-E	03/29/2002	GROUNDWATER					OC21V	1,1,1-TRICHLOROETHANE	
SANDHATCH1-ED	SANDHATCH1-E	03/29/2002	GROUNDWATER					OC21V	1,1-DICHLOROETHANE	
SANDHATCH1-ED	SANDHATCH1-E	03/29/2002	GROUNDWATER					OC21V	CHLOROFORM	
SPRING1A	SPRING1A	04/05/2002	GROUNDWATER					OC21V	CHLOROFORM	
TW00-4DAA	00-4	04/05/2002	GROUNDWATER	65.00	75.00	42.00	60.00	OC21V	CHLOROFORM	
TW00-4DBA	00-4	04/05/2002	GROUNDWATER	75.00	85.00	42.00	60.00	OC21V	CHLOROFORM	
W80M1A	MW-80	04/04/2002	GROUNDWATER	140.00	130.00	86.00	96.00	OC21V	CHLOROFORM	
W80M2A	MW-80	03/27/2002	GROUNDWATER	100.00	110.00	56.00	66.00	E314.0	PERCHLORATE	
W80SSA	MW-80	03/27/2002	GROUNDWATER	43.00	53.00	0.00	10.00	E314.0	PERCHLORATE	
W81M2A	MW-81	03/28/2002	GROUNDWATER	83.00	93.00	55.00	65.00	E314.0	PERCHLORATE	
W81M3A	MW-81	03/28/2002	GROUNDWATER	53.00	58.00	25.00	30.00	OC21V	CHLOROFORM	
W82M1A	MW-82	04/05/2002	GROUNDWATER	104.00	114.00	76.00	86.00	OC21V	CHLOROFORM	
W82M2A	MW-82	04/05/2002	GROUNDWATER	78.00	88.00	50.00	60.00	OC21V	CHLOROFORM	

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W82SSA	MW-82	04/05/2002	GROUNDWATER	25.00	35.00	0.00	10.00	OC21V	CHLOROFORM	
G02-08DAA	02-08	04/01/2002	PROFILE	30.00	30.00	10.00	10.00	8330N	NITROBENZENE	NO
G02-08DAA	02-08	04/01/2002	PROFILE	30.00	30.00	10.00	10.00	OC21V	ACETONE	
G02-08DAA	02-08	04/01/2002	PROFILE	30.00	30.00	10.00	10.00	OC21V	CHLOROFORM	
G02-08DAA	02-08	04/01/2002	PROFILE	30.00	30.00	10.00	10.00	OC21V	METHYL ETHYL KETONE (2-BUT	
G02-08DBA	02-08	04/02/2002	PROFILE	40.00	40.00	20.00	20.00	8330N	1,3,5-TRINITROBENZENE	NO
G02-08DBA	02-08	04/02/2002	PROFILE	40.00	40.00	20.00	20.00	8330N	1,3-DINITROBENZENE	NO
G02-08DBA	02-08	04/02/2002	PROFILE	40.00	40.00	20.00	20.00	8330N	NITROGLYCERIN	NO
G02-08DBA	02-08	04/02/2002	PROFILE	40.00	40.00	20.00	20.00	OC21V	ACETONE	
G02-08DBA	02-08	04/02/2002	PROFILE	40.00	40.00	20.00	20.00	OC21V	CHLOROETHANE	
G02-08DBA	02-08	04/02/2002	PROFILE	40.00	40.00	20.00	20.00	OC21V	CHLOROFORM	
G02-08DBA	02-08	04/02/2002	PROFILE	40.00	40.00	20.00	20.00	OC21V	METHYL ETHYL KETONE (2-BUT	
G02-08DCA	02-08	04/02/2002	PROFILE	50.00	50.00	30.00	30.00	OC21V	ACETONE	
G02-08DCA	02-08	04/02/2002	PROFILE	50.00	50.00	30.00	30.00	OC21V	CHLOROETHANE	
G02-08DCA	02-08	04/02/2002	PROFILE	50.00	50.00	30.00	30.00	OC21V	CHLOROFORM	
G02-08DCA	02-08	04/02/2002	PROFILE	50.00	50.00	30.00	30.00	OC21V	METHYL ETHYL KETONE (2-BUT	
G02-08DDA	02-08	04/02/2002	PROFILE	60.00	60.00	40.00	40.00	E314.0	PERCHLORATE	
G02-08DDA	02-08	04/02/2002	PROFILE	60.00	60.00	40.00	40.00	OC21V	ACETONE	
G02-08DDA	02-08	04/02/2002	PROFILE	60.00	60.00	40.00	40.00	OC21V	CHLOROFORM	
G02-08DDA	02-08	04/02/2002	PROFILE	60.00	60.00	40.00	40.00	OC21V	METHYL ETHYL KETONE (2-BUT	
G02-08DEA	02-08	04/02/2002	PROFILE	70.00	70.00	50.00	50.00	E314.0	PERCHLORATE	
G02-08DEA	02-08	04/02/2002	PROFILE	70.00	70.00	50.00	50.00	OC21V	ACETONE	
G02-08DEA	02-08	04/02/2002	PROFILE	70.00	70.00	50.00	50.00	OC21V	CHLOROFORM	
G02-08DEA	02-08	04/02/2002	PROFILE	70.00	70.00	50.00	50.00	OC21V	METHYL ETHYL KETONE (2-BUT	
G02-08DFA	02-08	04/02/2002	PROFILE	80.00	80.00	60.00	60.00	OC21V	ACETONE	
G02-08DFA	02-08	04/02/2002	PROFILE	80.00	80.00	60.00	60.00	OC21V	CHLOROFORM	
G02-08DFA	02-08	04/02/2002	PROFILE	80.00	80.00	60.00	60.00	OC21V	METHYL ETHYL KETONE (2-BUT	
G02-08DGA	02-08	04/02/2002	PROFILE	90.00	90.00	70.00	70.00	OC21V	ACETONE	
G02-08DGA	02-08	04/02/2002	PROFILE	90.00	90.00	70.00	70.00	OC21V	CHLOROFORM	
G02-08DGA	02-08	04/02/2002	PROFILE	90.00	90.00	70.00	70.00	OC21V	METHYL ETHYL KETONE (2-BUT	
G02-08DHA	02-08	04/02/2002	PROFILE	100.00	100.00	80.00	80.00	OC21V	ACETONE	

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G02-08DIA	02-08	04/02/2002	PROFILE	110.00	110.00	90.00	90.00	OC21V	ACETONE	
G02-08DIA	02-08	04/02/2002	PROFILE	110.00	110.00	90.00	90.00	OC21V	METHYL ETHYL KETONE (2-BUT	
G02-08DID	02-08	04/02/2002	PROFILE	110.00	110.00	90.00	90.00	E314.0	PERCHLORATE	
G02-08DID	02-08	04/02/2002	PROFILE	110.00	110.00	90.00	90.00	OC21V	ACETONE	
G02-08DID	02-08	04/02/2002	PROFILE	110.00	110.00	90.00	90.00	OC21V	METHYL ETHYL KETONE (2-BUT	
G02-08DJA	02-08	04/03/2002	PROFILE	120.00	120.00	100.00	100.00	8330N	NITROGLYCERIN	NO
G02-08DJA	02-08	04/03/2002	PROFILE	120.00	120.00	100.00	100.00	OC21V	ACETONE	
G02-08DKA	02-08	04/03/2002	PROFILE	130.00	130.00	110.00	110.00	8330N	NITROGLYCERIN	NO
G02-08DKA	02-08	04/03/2002	PROFILE	130.00	130.00	110.00	110.00	OC21V	ACETONE	
G02-08DKA	02-08	04/03/2002	PROFILE	130.00	130.00	110.00	110.00	OC21V	METHYL ETHYL KETONE (2-BUT	
G02-09DFA	02-09	03/27/2002	PROFILE	60.00	60.00	50.90	50.90	E314.0	PERCHLORATE	
G02-09DGA	02-09	03/27/2002	PROFILE	70.00	70.00	60.90	60.90	E314.0	PERCHLORATE	
G02-09DOA	02-09	03/29/2002	PROFILE	150.00	150.00	140.90	140.90	8330N	NITROGLYCERIN	NO
G02-09DOA	02-09	03/29/2002	PROFILE	150.00	150.00	140.90	140.90	OC21V	ACETONE	
G02-09DOA	02-09	03/29/2002	PROFILE	150.00	150.00	140.90	140.90	OC21V	CHLOROETHANE	
G02-09DOA	02-09	03/29/2002	PROFILE	150.00	150.00	140.90	140.90	OC21V	METHYL ETHYL KETONE (2-BUT	
G02-13DAA	02-13	03/29/2002	PROFILE	44.00	46.00	6.20	8.20	8330N	NITROGLYCERIN	NO
G02-13DAA	02-13	03/29/2002	PROFILE	44.00	46.00	6.20	8.20	OC21V	ACETONE	
G02-13DAA	02-13	03/29/2002	PROFILE	44.00	46.00	6.20	8.20	OC21V	CHLOROFORM	
G02-13DBA	02-13	03/29/2002	PROFILE	50.00	50.00	12.20	12.20	OC21V	ACETONE	
G02-13DBA	02-13	03/29/2002	PROFILE	50.00	50.00	12.20	12.20	OC21V	CHLOROFORM	
G02-13DCA	02-13	04/01/2002	PROFILE	60.00	60.00	22.20	22.20	8330N	2,6-DINITROTOLUENE	YES
G02-13DCA	02-13	04/01/2002	PROFILE	60.00	60.00	22.20	22.20	8330N	NITROGLYCERIN	NO
G02-13DCA	02-13	04/01/2002	PROFILE	60.00	60.00	22.20	22.20	OC21V	ACETONE	
G02-13DCA	02-13	04/01/2002	PROFILE	60.00	60.00	22.20	22.20	OC21V	CHLOROFORM	
G02-13DDA	02-13	04/01/2002	PROFILE	70.00	70.00	32.20	32.20	OC21V	ACETONE	
G02-13DDA	02-13	04/01/2002	PROFILE	70.00	70.00	32.20	32.20	OC21V	CHLOROFORM	
G02-13DDA	02-13	04/01/2002	PROFILE	70.00	70.00	32.20	32.20	OC21V	METHYL ETHYL KETONE (2-BUT	
G02-13DEA	02-13	04/01/2002	PROFILE	80.00	80.00	42.20	42.20	8330N	NITROGLYCERIN	NO
G02-13DEA	02-13	04/01/2002	PROFILE	80.00	80.00	42.20	42.20	OC21V	CHLOROFORM	
G02-13DEA	02-13	04/01/2002	PROFILE	80.00	80.00	42.20	42.20	OC21V	CHLOROMETHANE	

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G02-13DFA	02-13	04/01/2002	PROFILE	90.00	90.00	52.20	52.20	8330N	NITROGLYCERIN	NO
G02-13DFA	02-13	04/01/2002	PROFILE	90.00	90.00	52.20	52.20	OC21V	ACETONE	
G02-13DFA	02-13	04/01/2002	PROFILE	90.00	90.00	52.20	52.20	OC21V	CHLOROFORM	
G02-13DGA	02-13	04/01/2002	PROFILE	100.00	100.00	62.20	62.20	OC21V	CHLOROFORM	
G02-13DHA	02-13	04/01/2002	PROFILE	110.00	100.00	72.20	72.20	8330N	NITROGLYCERIN	NO
G02-13DHA	02-13	04/01/2002	PROFILE	110.00	100.00	72.20	72.20	OC21V	CHLOROFORM	
G02-13DIA	02-13	04/02/2002	PROFILE	120.00	120.00	82.20	82.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G02-13DIA	02-13	04/02/2002	PROFILE	120.00	120.00	82.20	82.20	8330N	NITROGLYCERIN	NO
G02-13DIA	02-13	04/02/2002	PROFILE	120.00	120.00	82.20	82.20	8330N	PICRIC ACID	NO
G02-13DIA	02-13	04/02/2002	PROFILE	120.00	120.00	82.20	82.20	OC21V	ACETONE	
G02-13DIA	02-13	04/02/2002	PROFILE	120.00	120.00	82.20	82.20	OC21V	CHLOROFORM	
G02-13DKA	02-13	04/03/2002	PROFILE	140.00	140.00	102.20	102.20	8330N	NITROGLYCERIN	NO
G02-13DKA	02-13	04/03/2002	PROFILE	140.00	140.00	102.20	102.20	OC21V	ACETONE	
G02-13DKA	02-13	04/03/2002	PROFILE	140.00	140.00	102.20	102.20	OC21V	METHYL ETHYL KETONE (2-BUT	
G02-13DLA	02-13	04/03/2002	PROFILE	148.00	148.00	110.20	110.20	8330N	NITROGLYCERIN	NO
G02-13DLA	02-13	04/03/2002	PROFILE	148.00	148.00	110.20	110.20	OC21V	ACETONE	

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