WEEKLY PROGRESS UPDATE
FOR JUNE 24 – JUNE 28, 2002

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

The following summary of progress is for the period from June 24 through June 28, 2002.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of June 28 is summarized in Table 1.

Table 1. Drilling progress as of June 28, 2002

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-219	Base WS-4 sentry well (WS4P-1)	370	183	
MW-225	Demo Area 1 (D1P-13)	297	199	125-135 ; 145-155 ; 175-185
MW-226	Bourne Upgradient (BP-1)	306	192	
MW-227	J-3 Range (J3P-18)	250	197	65-75; 110-120; 130-140
MW-228	J-2 Range (J2P-15)	90		

bgs = below ground surface
bwt = below water table

Completed well installation of MW-225 (D1P-13) and MW-227 (J3P-18), continued installation of MW-219; completed drilling of MW-226 (BP-1), and commenced drilling of MW-228 (J2P-15). Continued well development for newly installed wells.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-226 and MW-228. Groundwater samples were collected from Bourne supply wells and monitoring wells; from recently installed wells; and as part of the April Long Term Groundwater Monitoring round. Water samples were collected from the GAC treatment system. Soil samples were collected from borings at targets in the Central Impact Area and from the J-2 Range. Post-detonation soil samples were collected at J-2 and J-3 Ranges.

As part of the Munitions Survey Project, post-detonation samples were collected in the J-3 Range.

The following are the notes from the June 27, 2002 Technical Team meeting at the IAGWSPO:

Punchlist Items

#5 Provide update on BOMARC solid rocket fuel (Corps). Nick Iaiennaro (Corps) is waiting on BOMARC manual from an identified source, receipt possible next week.

#6 Provide access update on private Snake Pond property (IAGWSPO). Meeting with Property owner and Mike Minior (AFCEE) possibly to be arranged shortly. For administrative purposes, and at the request of the property owner, the agreement would be under the IRP Program. However, the IAGWSPO would conduct the work.

#7 Request IRP Perchlorate data and incorporate into Site-Wide Perchlorate Characterization Plan (Corps). Wells sampled and to be sampled under the IRP program and available validated perchlorate data were received from Rose Forbes (AFCEE). Heather Sullivan to provide information to MADEP.

#8 Provide Perchlorate data from J-2 Range, Polygon 2T (Corps). Available data distributed at meeting. EPA requested that additional data from sampling in both Polygons 2S and 2T be provided as it is received.

#9 Provide TOSC comments on the Fate and Transport Study (Corps). Comments distributed via email.

J-2 Range Polygon 2 RRA and other MSP3 Scope

- Todd Borci (EPA) indicated that, as he expressed in discussions with Ben Gregson (IAGWSPO), he did not agree with the RRA approach proposed for Polygons 1 & 2 at J-2 Range.
- Ellen Iorio (ACE) indicated that based on EPA's input, the Guard's current plan of action would be to complete the J-2 Range Polygon 1&2 investigations in this fiscal year; an RRA, if approved, would be initiated next year.
- Ms. Iorio further explained that the polygon work has been particularly difficult to scope. Approximately 25% of the Polygon 2 work has been completed in 7 weeks. This includes the completion excavation of 8 of 24 anomalies, with an additional 2 partially completed. No work has been completed in Polygon 1. Completion of polygon work is estimated to take 20 weeks for one field crew. This work is currently scheduled to begin immediately in mid-August after J-2 Range proposed wells are installed and to be completed by 2 field crews over 10 weeks.
- Gina Tyo (ACE) indicated that because the Guard is over budget on MSP site work and additional funding has not been identified, the Corps is prioritizing the J-2 Range Polygon work and Central Impact Area sites: Eastern Test Site and Scar Site to be completed this year. Sites of secondary priority would be the U and N Ranges, for which work has already commenced. Other sites including Ox Pond, Deep Bottom Pond and the Gun and Mortar Positions will likely be implemented in fiscal YR 2003.
- Ms. Iorio added that the potential amount of MSP3 work that can be completed in fiscal YR 2002 is also limited by contractor capacity.
- Guard to provide updated MSP3 Schedule (without consideration of funding issues) to the agencies at the July 11 Tech meeting.

Central Impact Area Groundwater Feasibility Report Proposed Schedule

Marc Grant (AMEC) outlined the Central Impact Area Groundwater FS proposed schedule. A June 21, 2002 letter to EPA with schedule attached was distributed.

- The three principal tasks that need to be completed prior to the draft of the FS are
  - Supplement to Groundwater Report (TM 01-6) with a complete COC list.
  - Pump Test Report (not critical path).
  - Update of the Regional and Fate/Transport Groundwater Model.

- The schedule assumes that no additional wells for characterization will be installed. Validated data for all wells to be received by 13 December 2002. Final GW Report to be submitted 7 May 2003. Transport modeling to be completed 11 Nov 2003. Final FS to be completed 20 April 2004.
- Todd Borci (EPA) expressed dissatisfaction that the schedule did not assume additional well installation, since it was EPA's opinion that data gaps had already been identified in the delineation of the RDX plume. In addition, even without additional well installation, the schedule seemed too lengthy.
- Bill Gallagher (IAGWSPO) indicated that the Guard acknowledged that additional monitoring wells would likely be needed, although they felt that characterization of the RDX plume shell was relatively complete. Perchlorate distribution in the Central Impact Area is largely unknown and without the results from wells to be sampled in the coming months, the scope of further characterization activities was indeterminate. Mr. Gallagher acknowledged that locations CIAP-14 and CIAP-24 were still outstanding; with no specific location currently scoped for CIAP-14.
- Mike Jasinski (EPA) expressed dissatisfaction with the 236 days allotted for the regional and fate/transport modeling. Mr. Gallagher indicated that Jay Clausen (AMEC) was more qualified to address questions regarding modeling and could be asked to attend the next tech meeting to discuss. Mr. Borci requested that further information be forwarded on computers and software to be used as part of the modeling.
- Guard to provide revised schedule with detail of subtasks (similar to schedule provided for Demo 1).

Bourne Area Update

Bill Gallagher (IAGWSPO) provided a brief update on the Bourne area investigation.

- Profiling of BP-1 (MW-226) will be completed this week.
- Results from sampling conducted in association with BWD's Production Well #6 (PW-6) testing have partially been received. PW-6 explosives and perchorate results are non detect. Latest result for sentry well 97-2C, located 100 feet from the production well, is 0.78 ppb unvalidated. Ralph Marks (BWD) has requested that validation of this result be expedited.
- SHPO has approved the ROA for WS4P-2. Waiting on approval from Natural Heritage, which Karen Wilson (IAGWSPO) indicated would likely come this week.
- Guard would like to send out a letter request to the BWD to discontinue explosive/VOC sampling for 23 wells and discontinue explosive sampling on 12 other wells. The letter will also propose a reduction in sampling of PW-3 and PW-4, which are off-line, from a weekly to a monthly schedule.
- IART team members requested that Dr. Cannon present results of the treatment study he is collecting on Bourne water at the next meeting. Todd Borci suggested that this information be presented to the Tech team first. The topic for presentation to the IART team should be potential treatment technologies and Envirogen should also be offered the opportunity to present at the same meeting. Envirogen should also provide information to the Tech team prior to any presentation at the IART.
- The Fluidized Bed Reactor pilot test results have not been received to date. Heather Sullivan (ACE) to provide draft data to the agencies when it is received.

Miscellaneous

- Meghan Cassidy (EPA) will be starting on July 15 as an EPA Team Leader for the Otis/MMR site, replacing Mike Jasinski.
- EPA Comments on some MSP site reports to be forwarded to Ellen Iorio (ACE) next week.

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 58MW0018A (CS-19) and MW-111M2 (Central Impact Area) had detections of RDX that were PDA confirmed. These are the first detections of RDX in these wells.

- Groundwater samples from 90SNP002 (FS-12) had detections of RDX that were not confirmed by PDA. RDX has not been previously detected in samples collected from this drive point.

- Groundwater samples from 58MW0018B (CS-19); MW-37M2 and duplicate (Central Impact Area); and MW-40M1 (Central Impact Area) had detections of RDX that were PDA confirmed. These detections are consistent with previous sampling results.

- Groundwater samples from MW-136S (J-1 Range), MW-164M2 (J-1 Range), and MW-184M1 (Central Impact Area) had detections of RDX and HMX that were PDA confirmed. These detections are consistent with previous sampling results.

- Groundwater samples from MW-217M1 and M2 had detections of RDX that were PDA confirmed. These are the first sampling results for these wells and the results are consistent with the profile results.

- Groundwater samples from MW-218M2 and M3 had detections of RDX and HMX that were PDA confirmed. These are the first sampling results for these wells and the results are consistent with the profile results

- Groundwater samples collected during the step and aquifer test of PW-1 (Central Impact Area) had detections of RDX, HMX, and perchlorate. The explosive detections were PDA confirmed. These detections are consistent with previous sampling results.

- Groundwater samples from 02-03M2, 02-05M1, and 02-08M2 (Bourne wells) had detections of perchlorate. These detections are consistent with previous sampling results.

- Groundwater samples from 00-4A; 02-03M3; 02-05M2, M3 and duplicate; and 02-08M3 (Bourne wells) had detections of perchlorate. This is the first time perchlorate has been detected in samples from these wells.

- Groundwater samples from 00-1D (Bourne) had detections of nitroglycerin and TCE. The nitroglycerin was not PDA confirmed. TCE has been detected in this well in previous sampling rounds.

- Groundwater samples from 1-88A (Bourne) and WS-4 (Base Water Supply Well #4) had detections of toluene. This is the first time that toluene has been detected in these wells.

- Groundwater samples from 35 wells had detections of chloroform.

- Groundwater profile samples from MW-226 had detections of 1,3,5-trinitrobenzene (2 intervals); 1,3-dinitrobenzene (2 intervals); 2,4-DNT (2 intervals); 2,6-DNT (3 intervals); 2A-DNT (1 interval); 4A-DNT (2 intervals); 2-nitrotoluene (2 intervals); 3-nitrotoluene (2 intervals); 4-nitrotoluene (3 intervals); nitroglycerin (9 intervals); picric acid (5 intervals); RDX (2 intervals), HMX (2 intervals); perchlorate (5 intervals); acetone (7 intervals); 2-butanone (3 intervals); chloroform (20 intervals) and benzene (4 intervals). None of the explosive results were PDA confirmed, although some had interference.

- Groundwater profile samples from MW-227 had detections of acetone (1 interval); 2-butanone (1 interval), chloroform (1 interval), and perchlorate (2 intervals).

- Groundwater profile samples from MW-228 had detections of acetone (2 intervals); 2-butanone (2 intervals), 2-hexanone (1 interval), and chloroethane (1 interval).

3. DELIVERABLES SUBMITTED

There were no documents submitted the week of June 24, 2002.

4. SCHEDULED ACTIONS

Scheduled actions for the week of July 1 include complete well installation of MW-219 (WS4P-1) and MW-226 (BP-1), and commence drilling at MW-229 (J2P-13).

5. SUMMARY OF ACTIVITIES FOR DEMO 1

Additional delineation of the downgradient portion of the groundwater plume is being conducted prior to finalizing the Feasibility Study for the Groundwater Operable Unit and as the Interim Action for groundwater remediation is being designed. Pumping and treating groundwater at the toe of the Demo 1 plume and at Frank Perkins Road has been selected as an Interim Action to address the Demo 1 Area Groundwater Operable Unit.

TABLE 2
SAMPLING PROGRESS
06/21/2002 - 06/28/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
J3.A.AR.001.3.0	J3.AR.001.R	06/27/2002	CRATER GRAB	2.50	2.75		
J3.A.AR.002.3.0	J3.AR.002.R	06/27/2002	CRATER GRAB	2.50	3.00		
J3.A.AR.001.1.0	J3.AR.001.R	06/27/2002	CRATER GRID	2.50	2.75		
J3.A.AR.001.1.D	J3.AR.001.R	06/27/2002	CRATER GRID	2.50	2.75		
J3.A.AR.001.2.0	J3.AR.001.R	06/27/2002	CRATER GRID	2.50	2.75		
J3.A.AR.002.1.0	J3.AR.002.R	06/27/2002	CRATER GRID	2.50	2.75		
J3.A.AR.002.2.0	J3.AR.002.R	06/27/2002	CRATER GRID	2.50	2.75		
G226DAE	FIELDQC	06/24/2002	FIELDQC	0.00	0.00		
G226DIE	FIELDQC	06/25/2002	FIELDQC	0.00	0.00		
G226DJT	FIELDQC	06/25/2002	FIELDQC	0.00	0.00		
G226DQE	FIELDQC	06/26/2002	FIELDQC	0.00	0.00		
HC101DH1AAE	FIELDQC	06/24/2002	FIELDQC	0.00	0.00		
HC101NA1AAE	FIELDQC	06/27/2002	FIELDQC	0.00	0.00		
HC101NN1AAE	FIELDQC	06/25/2002	FIELDQC	0.00	0.00		
HC101NR1CAE	FIELDQC	06/26/2002	FIELDQC	0.00	0.00		
HC101PM1BAE	FIELDQC	06/28/2002	FIELDQC	0.00	0.00		
HD101NF2BAT	FIELDQC	06/27/2002	FIELDQC	0.00	0.00		
OW00-1DE	FIELDQC	06/26/2002	FIELDQC	0.00	0.00		
SPRAYJUGE	FIELDQC	06/25/2002	FIELDQC	0.00	0.00		
TW00-04DAE	FIELDQC	06/24/2002	FIELDQC	0.00	0.00		
TW00-4DAE	FIELDQC	06/24/2002	FIELDQC	0.00	0.00		
W02-10-M1E	FIELDQC	06/28/2002	FIELDQC	0.00	0.00		
W02-10M1T	FIELDQC	06/28/2002	FIELDQC	0.00	0.00		
W02-12M3E	FIELDQC	06/27/2002	FIELDQC	0.00	0.00		
W02-03M3T	FIELDQC	06/24/2002	FILEDQC	0.00	0.00		
W188M1T	FIELDQC	06/25/2002	FILEDQC	0.00	0.00		
4036000-01G	4036000-01G	06/26/2002	GROUNDWATER				
4036000-03G	4036000-03G	06/26/2002	GROUNDWATER				
4036000-04G	4036000-04G	06/26/2002	GROUNDWATER				
4036000-06G	4036000-06G	06/26/2002	GROUNDWATER				
M-7BAA	M-7	06/22/2002	GROUNDWATER		59.00		14.40
M-7CAA	M-7	06/22/2002	GROUNDWATER		65.00		7.60
M-7CAD	M-7	06/22/2002	GROUNDWATER		65.00		7.60
M-7DAA	M-7	06/22/2002	GROUNDWATER		75.00		17.60
OW00-1DA	00-1D	06/26/2002	GROUNDWATER	91.00	97.00	48.30	54.30
SP3-91DA	SP3-91	06/25/2002	GROUNDWATER			64.30	84.30
SP3-91DA	SP3-91	06/26/2002	GROUNDWATER				
SP3-91MA	SP3-91	06/25/2002	GROUNDWATER				
SP4-91DA	SP4-91	06/25/2002	GROUNDWATER				
SP4-91MA	SP4-91	06/25/2002	GROUNDWATER				
TW00-4DAA	00-4D	06/24/2002	GROUNDWATER		75.00	45.00	45.00
TW00-4DBA	00-4D	06/24/2002	GROUNDWATER		85.00	55.00	55.00
TW1-88AA	1-88	06/26/2002	GROUNDWATER		102.90		67.40

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
06/21/2002 - 06/28/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W02-01M1A	02-01	06/22/2002	GROUNDWATER	95.00	105.00	42.90	52.90
W02-01M2A	02-01	06/22/2002	GROUNDWATER	83.00	93.00	30.90	40.90
W02-03M1A	02-03	06/24/2002	GROUNDWATER	130.00	140.00	86.10	96.10
W02-03M2A	02-03	06/24/2002	GROUNDWATER	92.00	102.00	48.15	58.15
W02-03M3A	02-03	06/24/2002	GROUNDWATER	140.00	150.00	31.05	41.05
W02-03M3D	02-03	06/24/2002	GROUNDWATER	140.00	150.00	31.05	41.05
W02-07M1A	02-07	06/24/2002	GROUNDWATER	135.00	145.00	101.14	111.14
W02-07M2A	02-07	06/25/2002	GROUNDWATER	107.00	117.00	72.86	82.86
W02-07M3A	02-07	06/25/2002	GROUNDWATER	47.00	57.00	13.00	23.00
W02-08M1A	02-08	06/22/2002	GROUNDWATER	108.00	113.00	86.56	91.56
W02-08M2A	02-08	06/22/2002	GROUNDWATER	82.00	87.00	60.65	65.65
W02-08M3A	02-08	06/22/2002	GROUNDWATER	62.00	67.00	40.58	45.58
W02-10M1A	02-10	06/28/2002	GROUNDWATER	135.00	145.00	94.00	104.00
W02-10M1D	02-10	06/28/2002	GROUNDWATER	135.00	145.00	94.00	104.00
W02-10M2A	02-10	06/28/2002	GROUNDWATER	110.00	120.00	68.61	78.61
W02-10M3A	02-10	06/28/2002	GROUNDWATER	85.00	95.00	43.65	53.65
W02-12M1A	02-12	06/26/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M2A	02-12	06/26/2002	GROUNDWATER	94.00	104.00	43.21	53.21
W02-12M3A	02-13	06/27/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-13M1A	02-13	06/26/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M2A	02-13	06/26/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M3A	02-13	06/26/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W104M1A	MW-104	06/26/2002	GROUNDWATER	155.00	165.00	37.00	47.00
W126M1A	MW-126	06/27/2002	GROUNDWATER	118.00	128.00	19.00	29.00
W126SSA	MW-126	06/27/2002	GROUNDWATER	99.00	109.00	0.00	10.00
W126SSD	MW-126	06/27/2002	GROUNDWATER	99.00	109.00	0.00	10.00
W129M1A	MW-129	06/27/2002	GROUNDWATER	136.00	146.00	66.00	76.00
W129M2A	MW-129	06/27/2002	GROUNDWATER	116.00	126.00	46.00	56.00
W129M2D	MW-129	06/27/2002	GROUNDWATER	116.00	126.00	46.00	56.00
W132M1A	MW-132	06/28/2002	GROUNDWATER	224.00	234.00	187.00	197.00
W132SSA	MW-132	06/28/2002	GROUNDWATER	37.00	47.00	0.00	10.00
W142SSA	MW-142	06/27/2002	GROUNDWATER	42.00	52.00	2.00	12.00
W145SSA	MW-145	06/28/2002	GROUNDWATER	30.00	40.00	0.00	10.00
W168M1A	MW-168	06/27/2002	GROUNDWATER	256.00	266.00	174.00	184.00
W168M2A	MW-168	06/27/2002	GROUNDWATER	198.00	208.00	116.00	126.00
W182M1A	MW-182	06/24/2002	GROUNDWATER	295.00	305.00	124.00	134.00
W182M2A	MW-182	06/24/2002	GROUNDWATER	273.00	283.00	102.89	112.89
W188M1A	MW-188	06/25/2002	GROUNDWATER	155.00	165.00	41.10	51.10
W188SSA	MW-188	06/25/2002	GROUNDWATER	109.00	119.00	0.00	10.00
W190M1A	MW-190	06/25/2002	GROUNDWATER	145.00	155.00	44.32	54.32
W41M1A	MW-41	06/27/2002	GROUNDWATER	235.00	245.00	108.00	118.00
W41M1D	MW-41	06/27/2002	GROUNDWATER	235.00	245.00	108.00	118.00
W75M2A	MW-75	06/28/2002	GROUNDWATER	115.00	125.00	34.00	44.00
W80SSA	MW-80	06/24/2002	GROUNDWATER	43.00	53.00	0.00	10.00

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06/21/2002 - 06/28/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W88M1A	MW-88	06/27/2002	GROUNDWATER	233.00	243.00	92.00	102.00
W88M2A	MW-88	06/27/2002	GROUNDWATER	213.00	223.00	72.00	82.00
W88M3A	MW-88	06/27/2002	GROUNDWATER	173.00	183.00	32.00	42.00
WS4-AAA	WS-4	06/24/2002	GROUNDWATER		210.00		139.85
WS4-ADA	WS-4A	06/25/2002	GROUNDWATER	218.00	228.00	148.30	158.30
WS4-ASA	WS-4A	06/25/2002	GROUNDWATER	155.00	165.00	85.35	95.35
WS4-BAA	WS-4	06/24/2002	GROUNDWATER		220.00		139.85
DW062402	GAC WATER	06/24/2002	IDW	0.00	0.00		
DW062602	GAC WATER	06/26/2002	IDW	0.00	0.00		
G226DAA	MW-226	06/24/2002	PROFILE	120.00	120.00	6.40	6.40
G226DBA	MW-226	06/24/2002	PROFILE	130.00	130.00	16.40	16.40
G226DCA	MW-226	06/24/2002	PROFILE	140.00	140.00	26.40	26.40
G226DDA	MW-226	06/24/2002	PROFILE	150.00	150.00	36.40	36.40
G226DEA	MW-226	06/24/2002	PROFILE	160.00	160.00	46.40	46.40
G226DFA	MW-226	06/24/2002	PROFILE	170.00	170.00	56.40	56.40
G226DGA	MW-226	06/24/2002	PROFILE	180.00	180.00	66.40	66.40
G226DHA	MW-226	06/24/2002	PROFILE	190.00	190.00	76.40	76.40
G226DIA	MW-226	06/25/2002	PROFILE	200.00	200.00	86.40	86.40
G226DJA	MW-226	06/25/2002	PROFILE	210.00	210.00	96.40	96.40
G226DKA	MW-226	06/25/2002	PROFILE	220.00	220.00	106.40	106.40
G226DLA	MW-226	06/25/2002	PROFILE	230.00	230.00	116.40	116.40
G226DLD	MW-226	06/25/2002	PROFILE	230.00	230.00	116.40	116.40
G226DMA	MW-226	06/25/2002	PROFILE	240.00	240.00	126.40	126.40
G226DNA	MW-226	06/25/2002	PROFILE	250.00	250.00	136.40	136.40
G226DOA	MW-226	06/25/2002	PROFILE	260.00	260.00	146.40	146.40
G226DPA	MW-226	06/25/2002	PROFILE	270.00	270.00	156.40	156.40
G226DQA	MW-226	06/26/2002	PROFILE	280.00	280.00	166.40	166.40
G226DRA	MW-226	06/26/2002	PROFILE	290.00	290.00	176.40	176.40
G226DSA	MW-226	06/26/2002	PROFILE	300.00	300.00	186.40	186.40
G226DTA	MW-226	06/26/2002	PROFILE	306.00	306.00	192.40	192.40
G228DAA	MW-228	06/28/2002	PROFILE	120.00	120.00	2.00	2.00
G228DBA	MW-228	06/28/2002	PROFILE	130.00	130.00	12.00	12.00
ABB0035AAA	B-35	06/25/2002	SOIL BORING	0.00	0.25		
ABB0035BAA	B-35	06/25/2002	SOIL BORING	0.50	1.00		
ABB0035CAA	B-35	06/25/2002	SOIL BORING	1.50	2.00		
ABB0035DAA	B-35	06/25/2002	SOIL BORING	5.00	6.00		
ABB0035EAA	B-35	06/25/2002	SOIL BORING	6.00	10.00		
ABB0035EAD	B-35	06/25/2002	SOIL BORING	6.00	10.00		
ABB0036AAA	B-36	06/25/2002	SOIL BORING	0.00	0.25		
ABB0036BAA	B-36	06/25/2002	SOIL BORING	0.50	1.00		
ABB0036CAA	B-36	06/25/2002	SOIL BORING	1.50	2.00		
ABB0036DAA	B-36	06/25/2002	SOIL BORING	5.00	6.00		
ABB0036EAA	B-36	06/25/2002	SOIL BORING	6.00	10.00		
ABB0037AAA	B-37	06/26/2002	SOIL BORING	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
06/21/2002 - 06/28/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
ABB0037BAA	B-37	06/26/2002	SOIL BORING	0.50	1.00		
ABB0037CAA	B-37	06/26/2002	SOIL BORING	1.50	2.00		
ABB0037DAA	B-37	06/26/2002	SOIL BORING	5.00	6.00		
ABB0037EAA	B-37	06/26/2002	SOIL BORING	6.00	10.00		
ABB0037EAD	B-37	06/26/2002	SOIL BORING	6.00	10.00		
ABB0038AAA	B-38	06/26/2002	SOIL BORING	0.00	0.25		
ABB0038BAA	B-38	06/26/2002	SOIL BORING	0.50	1.00		
ABB0038CAA	B-38	06/26/2002	SOIL BORING	1.50	2.00		
ABB0038DAA	B-38	06/26/2002	SOIL BORING	5.00	6.00		
ABB0038EAA	B-38	06/26/2002	SOIL BORING	6.00	10.00		
HC101DH1AAA	101DH	06/24/2002	SOIL GRID	0.00	0.25		
HC101DH1BAA	101DH	06/24/2002	SOIL GRID	0.25	0.50		
HC101DH1CAA	101DH	06/24/2002	SOIL GRID	0.50	1.00		
HC101DH1CAD	101DH	06/24/2002	SOIL GRID	0.50	1.00		
HC101EI1AAA	101EI	06/24/2002	SOIL GRID	0.00	0.25		
HC101EI1BAA	101EI	06/24/2002	SOIL GRID	0.25	0.50		
HC101EI1CAA	101EI	06/24/2002	SOIL GRID	0.50	1.00		
HC101EK1AAA	101EK	06/24/2002	SOIL GRID	0.00	0.25		
HC101EK1BAA	101EK	06/24/2002	SOIL GRID	0.25	0.50		
HC101EK1CAA	101EK	06/24/2002	SOIL GRID	0.50	1.00		
HC101EL1AAA	101EL	06/24/2002	SOIL GRID	0.00	0.25		
HC101EL1BAA	101EL	06/24/2002	SOIL GRID	0.25	0.50		
HC101EL1CAA	101EL	06/24/2002	SOIL GRID	0.50	1.00		
HC101EM1AAA	101EM	06/24/2002	SOIL GRID	0.00	0.25		
HC101EM1BAA	101EM	06/24/2002	SOIL GRID	0.25	0.50		
HC101EM1CAA	101EM	06/24/2002	SOIL GRID	0.50	1.00		
HC101EM1CAD	101EM	06/24/2002	SOIL GRID	0.50	1.00		
HC101GL1AAA	101GL	06/25/2002	SOIL GRID	0.00	0.25		
HC101GL1BAA	101GL	06/25/2002	SOIL GRID	0.25	0.50		
HC101GL1CAA	101GL	06/25/2002	SOIL GRID	0.50	1.00		
HC101GO1AAA	101GO	06/25/2002	SOIL GRID	0.00	0.25		
HC101GO1BAA	101GO	06/25/2002	SOIL GRID	0.25	0.50		
HC101GO1CAA	101GO	06/25/2002	SOIL GRID	0.50	1.00		
HC101NN1AAA	101NN	06/26/2002	SOIL GRID	0.00	0.25		
HC101NN1BAA	101NN	06/26/2002	SOIL GRID	0.25	0.50		
HC101NN1CAA	101NN	06/26/2002	SOIL GRID	0.50	1.00		
HC101NO1AAA	101NO	06/25/2002	SOIL GRID	0.00	0.25		
HC101NO1BAA	101NO	06/25/2002	SOIL GRID	0.25	0.50		
HC101NO1CAA	101NO	06/25/2002	SOIL GRID	0.50	1.00		
HC101NO1CAD	101NO	06/25/2002	SOIL GRID	0.50	1.00		
HC101NP1AAA	101NP	06/26/2002	SOIL GRID	0.00	0.25		
HC101NP1BAA	101NP	06/26/2002	SOIL GRID	0.25	0.50		
HC101NP1CAA	101NP	06/26/2002	SOIL GRID	0.50	1.00		
HC101NQ1AAA	101NQ	06/26/2002	SOIL GRID	0.00	0.25		

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TABLE 2
SAMPLING PROGRESS
06/21/2002 - 06/28/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC101NQ1BAA	101NQ	06/26/2002	SOIL GRID	0.25	0.50		
HC101NQ1CAA	101NQ	06/26/2002	SOIL GRID	0.50	1.00		
HC101NR1AAA	101NR	06/26/2002	SOIL GRID	0.00	0.25		
HC101NR1AAA	101NR	06/27/2002	SOIL GRID	0.00	0.25		
HC101NR1BAA	101NR	06/26/2002	SOIL GRID	0.25	0.50		
HC101NR1BAA	101NR	06/27/2002	SOIL GRID	0.25	0.50		
HC101NR1CAA	101NR	06/26/2002	SOIL GRID	0.50	1.00		
HC101NR1CAA	101NR	06/27/2002	SOIL GRID	0.50	1.00		
HC101NS1AAA	101NS	06/27/2002	SOIL GRID	0.00	0.25		
HC101NS1BAA	101NS	06/27/2002	SOIL GRID	0.25	0.50		
HC101NS1CAA	101NS	06/27/2002	SOIL GRID	0.50	1.00		
HC101NS1CAD	101NS	06/27/2002	SOIL GRID	0.50	1.00		
HC101NT1AAA	101NT	06/27/2002	SOIL GRID	0.00	0.25		
HC101NT1BAA	101NT	06/27/2002	SOIL GRID	0.25	0.50		
HC101NT1CAA	101NT	06/27/2002	SOIL GRID	0.50	1.00		
HC101OL1DAA	101OL	06/27/2002	SOIL GRID	1.00	1.50		
HC101OL1DAD	101OL	06/27/2002	SOIL GRID	1.00	1.50		
HC101OL1EAA	101OL	06/27/2002	SOIL GRID	1.50	2.00		
HC101PM1AAA	101PM	06/28/2002	SOIL GRID	0.00	0.25		
HC101PM1BAA	101PM	06/28/2002	SOIL GRID	0.25	0.50		
HC101PM1CAA	101PM	06/28/2002	SOIL GRID	0.50	1.00		
HC101PN1AAA	101PN	06/28/2002	SOIL GRID	0.00	0.25		
HC101PN1BAA	101PN	06/28/2002	SOIL GRID	0.25	0.50		
HC101PN1CAA	101PN	06/28/2002	SOIL GRID	0.50	1.00		
HC101PO1AAA	101PO	06/28/2002	SOIL GRID	0.00	0.25		
HC101PO1BAA	101PO	06/28/2002	SOIL GRID	0.25	0.50		
HC101PO1BAD	101PO	06/28/2002	SOIL GRID	0.25	0.50		
HC101PO1CAA	101PO	06/28/2002	SOIL GRID	0.50	1.00		
HD101GL2CAA	101GL	06/25/2002	SOIL GRID	0.50	1.00		
HD101GL3BAA	101GL	06/25/2002	SOIL GRID	0.25	0.50		
HD101NF1BAA	101NF	06/27/2002	SOIL GRID	0.25	0.50		
HD101NF2BAA	101NF	06/27/2002	SOIL GRID	0.25	0.50		
HD101NS2CAA	101NS	06/27/2002	SOIL GRID	0.50	1.00		
HD101NT4BAA	101NT	06/26/2002	SOIL GRID	0.25	0.50		
HD101OL1DAA	101OL	06/27/2002	SOIL GRID	1.00	1.50		
HDA06050201AA	A06050201	06/25/2002	SOIL GRID	0.00	0.25		
HDA06110201AA	A06110201	06/25/2002	SOIL GRID	0.00	0.25		
HDA06110202AA	A06110202	06/25/2002	SOIL GRID	0.00	0.25		

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TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 06/08/02 - 06/28/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
OW00-1DA	00-1D	06/26/2002	GROUNDWATER	91.00	97.00	48.30	54.30	8330N	NITROGLYCERIN	NO
OW00-1DA	00-1D	06/26/2002	GROUNDWATER	91.00	97.00	48.30	54.30	OC21V	TRICHLOROETHYLENE (TCE)	
MW00-4A	00-4	06/15/2002	GROUNDWATER	64.00	70.00	38.00	44.00	E314.0	PERCHLORATE	
W02-03M2A	02-03	06/24/2002	GROUNDWATER	92.00	102.00	48.15	58.15	E314.0	PERCHLORATE	
W02-03M3A	02-03	06/24/2002	GROUNDWATER	140.00	150.00	31.05	41.05	E314.0	PERCHLORATE	
W02-05M1A	02-05	06/19/2002	GROUNDWATER	110.00	120.00	81.44	91.44	E314.0	PERCHLORATE	
W02-05M2A	02-05	06/19/2002	GROUNDWATER	92.00	102.00	63.41	73.41	E314.0	PERCHLORATE	
W02-05M3A	02-05	06/19/2002	GROUNDWATER	70.00	80.00	41.37	51.37	E314.0	PERCHLORATE	
W02-05M3D	02-05	06/19/2002	GROUNDWATER	70.00	80.00	41.37	51.37	E314.0	PERCHLORATE	
W02-08M2A	02-08	06/22/2002	GROUNDWATER	82.00	87.00	60.65	65.65	E314.0	PERCHLORATE	
W02-08M3A	02-08	06/22/2002	GROUNDWATER	62.00	67.00	40.58	45.58	E314.0	PERCHLORATE	
TW1-88AA	1-88	06/26/2002	GROUNDWATER		102.90		67.40	OC21V	TOLUENE	
58MW0018A	58MW0018A	06/17/2002	GROUNDWATER	202.70	211.70	60.85	69.85	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
58MW0018B	58MW0018B	06/17/2002	GROUNDWATER	175.90	185.58	34.55	44.55	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
90SNP0002	90SNP0002	06/14/2002	GROUNDWATER					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
W111M2A	MW-111	06/11/2002	GROUNDWATER	182.00	192.00	50.00	60.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W136SSA	MW-136	06/20/2002	GROUNDWATER		117.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W136SSA	MW-136	06/20/2002	GROUNDWATER		117.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W164M2A	MW-164	06/20/2002	GROUNDWATER		167.00	119.00	129.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W164M2A	MW-164	06/20/2002	GROUNDWATER		167.00	119.00	129.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W184M1A	MW-184	06/21/2002	GROUNDWATER	186.00	196.00	58.20	68.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W184M1A	MW-184	06/21/2002	GROUNDWATER	186.00	196.00	58.20	68.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W217M1A	MW-217	06/11/2002	GROUNDWATER	148.00	153.00	143.00	148.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W217M2A	MW-217	06/11/2002	GROUNDWATER	138.00	143.00	133.00	138.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W218M2A	MW-218	06/10/2002	GROUNDWATER	98.00	103.00	93.00	98.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W218M2A	MW-218	06/10/2002	GROUNDWATER	98.00	103.00	93.00	98.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W218M3A	MW-218	06/10/2002	GROUNDWATER	78.00	83.00	73.00	78.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W218M3A	MW-218	06/10/2002	GROUNDWATER	78.00	83.00	73.00	78.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W37M2A	MW-37	06/11/2002	GROUNDWATER	145.00	155.00	26.00	36.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W37M2D	MW-37	06/11/2002	GROUNDWATER	145.00	155.00	26.00	36.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W40M1A	MW-40	06/13/2002	GROUNDWATER	132.50	142.50	13.00	23.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES

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 06/08/02 - 06/28/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
WS4-AAA	WS-4	06/24/2002	GROUNDWATER		210.00		139.85	OC21V	TOLUENE	
G226DAA	MW-226	06/24/2002	PROFILE	120.00	120.00	6.40	6.40	8330N	1,3,5-TRINITROBENZENE	NO
G226DAA	MW-226	06/24/2002	PROFILE	120.00	120.00	6.40	6.40	8330N	1,3-DINITROBENZENE	NO
G226DAA	MW-226	06/24/2002	PROFILE	120.00	120.00	6.40	6.40	8330N	2,6-DINITROTOLUENE	NO*
G226DAA	MW-226	06/24/2002	PROFILE	120.00	120.00	6.40	6.40	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G226DAA	MW-226	06/24/2002	PROFILE	120.00	120.00	6.40	6.40	8330N	2-NITROTOLUENE	NO*
G226DAA	MW-226	06/24/2002	PROFILE	120.00	120.00	6.40	6.40	8330N	3-NITROTOLUENE	NO
G226DAA	MW-226	06/24/2002	PROFILE	120.00	120.00	6.40	6.40	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G226DAA	MW-226	06/24/2002	PROFILE	120.00	120.00	6.40	6.40	8330N	4-NITROTOLUENE	NO
G226DAA	MW-226	06/24/2002	PROFILE	120.00	120.00	6.40	6.40	OC21V	ACETONE	
G226DAA	MW-226	06/24/2002	PROFILE	120.00	120.00	6.40	6.40	OC21V	BENZENE	
G226DAA	MW-226	06/24/2002	PROFILE	120.00	120.00	6.40	6.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G226DAA	MW-226	06/24/2002	PROFILE	120.00	120.00	6.40	6.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G226DAA	MW-226	06/24/2002	PROFILE	120.00	120.00	6.40	6.40	8330N	NITROGLYCERIN	NO
G226DAA	MW-226	06/24/2002	PROFILE	120.00	120.00	6.40	6.40	8330N	PICRIC ACID	NO
G226DBA	MW-226	06/24/2002	PROFILE	130.00	130.00	16.40	16.40	8330N	1,3,5-TRINITROBENZENE	NO
G226DBA	MW-226	06/24/2002	PROFILE	130.00	130.00	16.40	16.40	8330N	1,3-DINITROBENZENE	NO
G226DBA	MW-226	06/24/2002	PROFILE	130.00	130.00	16.40	16.40	8330N	2,6-DINITROTOLUENE	NO*
G226DBA	MW-226	06/24/2002	PROFILE	130.00	130.00	16.40	16.40	8330N	2-NITROTOLUENE	NO
G226DBA	MW-226	06/24/2002	PROFILE	130.00	130.00	16.40	16.40	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G226DBA	MW-226	06/24/2002	PROFILE	130.00	130.00	16.40	16.40	8330N	4-NITROTOLUENE	NO
G226DBA	MW-226	06/24/2002	PROFILE	130.00	130.00	16.40	16.40	OC21V	ACETONE	
G226DBA	MW-226	06/24/2002	PROFILE	130.00	130.00	16.40	16.40	OC21V	BENZENE	
G226DBA	MW-226	06/24/2002	PROFILE	130.00	130.00	16.40	16.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G226DBA	MW-226	06/24/2002	PROFILE	130.00	130.00	16.40	16.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G226DBA	MW-226	06/24/2002	PROFILE	130.00	130.00	16.40	16.40	8330N	NITROGLYCERIN	NO
G226DBA	MW-226	06/24/2002	PROFILE	130.00	130.00	16.40	16.40	8330N	PICRIC ACID	NO
G226DCA	MW-226	06/24/2002	PROFILE	140.00	140.00	26.40	26.40	8330N	3-NITROTOLUENE	NO
G226DCA	MW-226	06/24/2002	PROFILE	140.00	140.00	26.40	26.40	OC21V	ACETONE	
G226DCA	MW-226	06/24/2002	PROFILE	140.00	140.00	26.40	26.40	8330N	NITROGLYCERIN	NO
G226DCA	MW-226	06/24/2002	PROFILE	140.00	140.00	26.40	26.40	E314.0	PERCHLORATE	

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.
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* = Interference in sample

TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 06/08/02 - 06/28/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G226DDA	MW-226	06/24/2002	PROFILE	150.00	150.00	36.40	36.40	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO*
G226DDA	MW-226	06/24/2002	PROFILE	150.00	150.00	36.40	36.40	8330N	4-NITROTOLUENE	NO
G226DDA	MW-226	06/24/2002	PROFILE	150.00	150.00	36.40	36.40	OC21V	ACETONE	
G226DDA	MW-226	06/24/2002	PROFILE	150.00	150.00	36.40	36.40	OC21V	BENZENE	
G226DDA	MW-226	06/24/2002	PROFILE	150.00	150.00	36.40	36.40	8330N	NITROGLYCERIN	NO
G226DDA	MW-226	06/24/2002	PROFILE	150.00	150.00	36.40	36.40	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	NO*
G226DDA	MW-226	06/24/2002	PROFILE	150.00	150.00	36.40	36.40	8330N	PICRIC ACID	NO
G226DEA	MW-226	06/24/2002	PROFILE	160.00	160.00	46.40	46.40	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO*
G226DEA	MW-226	06/24/2002	PROFILE	160.00	160.00	46.40	46.40	8330N	2,6-DINITROTOLUENE	NO*
G226DEA	MW-226	06/24/2002	PROFILE	160.00	160.00	46.40	46.40	OC21V	ACETONE	
G226DEA	MW-226	06/24/2002	PROFILE	160.00	160.00	46.40	46.40	OC21V	BENZENE	
G226DEA	MW-226	06/24/2002	PROFILE	160.00	160.00	46.40	46.40	8330N	NITROGLYCERIN	NO
G226DEA	MW-226	06/24/2002	PROFILE	160.00	160.00	46.40	46.40	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	NO*
G226DEA	MW-226	06/24/2002	PROFILE	160.00	160.00	46.40	46.40	E314.0	PERCHLORATE	
G226DEA	MW-226	06/24/2002	PROFILE	160.00	160.00	46.40	46.40	8330N	PICRIC ACID	NO
G226DFA	MW-226	06/24/2002	PROFILE	170.00	170.00	56.40	56.40	OC21V	ACETONE	
G226DFA	MW-226	06/24/2002	PROFILE	170.00	170.00	56.40	56.40	8330N	NITROGLYCERIN	NO
G226DFA	MW-226	06/24/2002	PROFILE	170.00	170.00	56.40	56.40	E314.0	PERCHLORATE	
G226DFA	MW-226	06/24/2002	PROFILE	170.00	170.00	56.40	56.40	8330N	PICRIC ACID	NO
G226DGA	MW-226	06/24/2002	PROFILE	180.00	180.00	66.40	66.40	E314.0	PERCHLORATE	
G226DHA	MW-226	06/24/2002	PROFILE	190.00	190.00	76.40	76.40	E314.0	PERCHLORATE	
G226DPA	MW-226	06/25/2002	PROFILE	270.00	270.00	156.40	156.40	8330N	NITROGLYCERIN	NO
G226DQA	MW-226	06/26/2002	PROFILE	280.00	280.00	166.40	166.40	8330N	NITROGLYCERIN	NO
G226DRA	MW-226	06/26/2002	PROFILE	290.00	290.00	176.40	176.40	OC21V	ACETONE	
G226DRA	MW-226	06/26/2002	PROFILE	290.00	290.00	176.40	176.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G226DRA	MW-226	06/26/2002	PROFILE	290.00	290.00	176.40	176.40	8330N	NITROGLYCERIN	NO
G227DBA	MW-227	06/14/2002	PROFILE	70.00	70.00	17.20	17.20	E314.0	PERCHLORATE	
G227DFA	MW-227	06/17/2002	PROFILE	110.00	110.00	57.20	57.20	OC21V	ACETONE	
G227DFA	MW-227	06/17/2002	PROFILE	110.00	110.00	57.20	57.20	OC21V	METHYL ETHYL KETONE (2-BUT	
G227DFA	MW-227	06/17/2002	PROFILE	110.00	110.00	57.20	57.20	E314.0	PERCHLORATE	
G227DFD	MW-227	06/17/2002	PROFILE	110.00	110.00	57.20	57.20	E314.0	PERCHLORATE	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G228DAA	MW-228	06/28/2002	PROFILE	120.00	120.00	2.00	2.00	OC21V	2-HEXANONE	
G228DAA	MW-228	06/28/2002	PROFILE	120.00	120.00	2.00	2.00	OC21V	ACETONE	
G228DAA	MW-228	06/28/2002	PROFILE	120.00	120.00	2.00	2.00	OC21V	METHYL ETHYL KETONE (2-BUT	
G228DBA	MW-228	06/28/2002	PROFILE	130.00	130.00	12.00	12.00	OC21V	ACETONE	
G228DBA	MW-228	06/28/2002	PROFILE	130.00	130.00	12.00	12.00	OC21V	CHLOROETHANE	
G228DBA	MW-228	06/28/2002	PROFILE	130.00	130.00	12.00	12.00	OC21V	METHYL ETHYL KETONE (2-BUT	
ATPW1INF0	ATPW1INF0	06/17/2002	GROUNDWATER					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
ATPW1INF0	ATPW1INF0	06/17/2002	GROUNDWATER					8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
ATPW1INF0	ATPW1INF0	06/17/2002	GROUNDWATER					E314.0	PERCHLORATE	
ATPW1INF16	ATPW1INF16	06/18/2002	GROUNDWATER					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
ATPW1INF16	ATPW1INF16	06/18/2002	GROUNDWATER					8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
ATPW1INF16	ATPW1INF16	06/18/2002	GROUNDWATER					E314.0	PERCHLORATE	
ATPW1INF24	ATPW1INF24	06/18/2002	GROUNDWATER					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
ATPW1INF24	ATPW1INF24	06/18/2002	GROUNDWATER					E314.0	PERCHLORATE	
ATPW1INF32	ATPW1INF32	06/18/2002	GROUNDWATER					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
ATPW1INF32	ATPW1INF32	06/18/2002	GROUNDWATER					E314.0	PERCHLORATE	
ATPW1INF32D	ATPW1INF32D	06/18/2002	GROUNDWATER					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
ATPW1INF32D	ATPW1INF32D	06/18/2002	GROUNDWATER					E314.0	PERCHLORATE	
ATPW1INF40	ATPW1INF40	06/19/2002	GROUNDWATER					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
ATPW1INF40	ATPW1INF40	06/19/2002	GROUNDWATER					E314.0	PERCHLORATE	
ATPW1INF48	ATPW1INF48	06/19/2002	GROUNDWATER					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
ATPW1INF48	ATPW1INF48	06/19/2002	GROUNDWATER					E314.0	PERCHLORATE	
ATPW1INF56	ATPW1INF56	06/19/2002	GROUNDWATER					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
ATPW1INF56	ATPW1INF56	06/19/2002	GROUNDWATER					E314.0	PERCHLORATE	
ATPW1INF64	ATPW1INF64	06/20/2002	GROUNDWATER					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
ATPW1INF64	ATPW1INF64	06/20/2002	GROUNDWATER					E314.0	PERCHLORATE	
ATPW1INF8	ATPW1INF8	06/17/2002	GROUNDWATER					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
ATPW1INF8	ATPW1INF8	06/17/2002	GROUNDWATER					8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
ATPW1INF8	ATPW1INF8	06/17/2002	GROUNDWATER					E314.0	PERCHLORATE	
STPW1IINFS1	STPW1IINFS1	06/13/2002	STEP ANALYSIS					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
STPW1IINFS1	STPW1IINFS1	06/13/2002	STEP ANALYSIS					8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
STPW1INFS2	STPW1INFS2	06/13/2002	STEP ANALYSIS					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
STPW1INFS2	STPW1INFS2	06/13/2002	STEP ANALYSIS					8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
STPW1INFS3	STPW1INFS3	06/13/2002	STEP ANALYSIS					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
STPW1INFS3	STPW1INFS3	06/13/2002	STEP ANALYSIS					8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
STPW1INFSU	STPW1INFSU	06/13/2002	STEP ANALYSIS					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
STPW1INFSU	STPW1INFSU	06/13/2002	STEP ANALYSIS					8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
OW00-1DA	00-1D	06/26/2002	GROUNDWATER	91.00	97.00	48.30	54.30	OC21V	CHLOROFORM	
TW00-4DAA	00-4D	06/24/2002	GROUNDWATER		75.00	45.00	45.00	OC21V	CHLOROFORM	
TW00-4DBA	00-4D	06/24/2002	GROUNDWATER		85.00	55.00	55.00	OC21V	CHLOROFORM	
W02-01M1A	02-01	06/22/2002	GROUNDWATER	95.00	105.00	42.90	52.90	OC21V	CHLOROFORM	
W02-01M2A	02-01	06/22/2002	GROUNDWATER	83.00	93.00	30.90	40.90	OC21V	CHLOROFORM	
W02-03M1A	02-03	06/24/2002	GROUNDWATER	130.00	140.00	86.10	96.10	OC21V	CHLOROFORM	
W02-03M2A	02-03	06/24/2002	GROUNDWATER	92.00	102.00	48.15	58.15	OC21V	CHLOROFORM	
W02-03M3A	02-03	06/24/2002	GROUNDWATER	140.00	150.00	31.05	41.05	OC21V	CHLOROFORM	
W02-03M3D	02-03	06/24/2002	GROUNDWATER	140.00	150.00	31.05	41.05	OC21V	CHLOROFORM	
W02-07M1A	02-07	06/24/2002	GROUNDWATER	135.00	145.00	101.14	111.14	OC21V	CHLOROFORM	
W02-07M2A	02-07	06/25/2002	GROUNDWATER	107.00	117.00	72.86	82.86	OC21V	CHLOROFORM	
W02-07M3A	02-07	06/25/2002	GROUNDWATER	47.00	57.00	13.00	23.00	OC21V	CHLOROFORM	
W02-08M2A	02-08	06/22/2002	GROUNDWATER	82.00	87.00	60.65	65.65	OC21V	CHLOROFORM	
W02-08M3A	02-08	06/22/2002	GROUNDWATER	62.00	67.00	40.58	45.58	OC21V	CHLOROFORM	
W02-10M1A	02-10	06/28/2002	GROUNDWATER	135.00	145.00	94.00	104.00	OC21V	CHLOROFORM	
W02-10M1D	02-10	06/28/2002	GROUNDWATER	135.00	145.00	94.00	104.00	OC21V	CHLOROFORM	
W02-10M2A	02-10	06/28/2002	GROUNDWATER	110.00	120.00	68.61	78.61	OC21V	CHLOROFORM	
W02-10M3A	02-10	06/28/2002	GROUNDWATER	85.00	95.00	43.65	53.65	OC21V	CHLOROFORM	
W02-12M1A	02-12	06/26/2002	GROUNDWATER	109.00	119.00	58.35	68.35	OC21V	CHLOROFORM	
W02-12M2A	02-12	06/26/2002	GROUNDWATER	94.00	104.00	43.21	53.21	OC21V	CHLOROFORM	
W02-12M3A	02-13	06/27/2002	GROUNDWATER	79.00	89.00	28.22	38.22	OC21V	CHLOROFORM	
W02-13M1A	02-13	06/26/2002	GROUNDWATER	98.00	108.00	58.33	68.33	OC21V	CHLOROFORM	
W02-13M2A	02-13	06/26/2002	GROUNDWATER	83.00	93.00	44.20	54.20	OC21V	CHLOROFORM	
W02-13M3A	02-13	06/26/2002	GROUNDWATER	68.00	78.00	28.30	38.30	OC21V	CHLOROFORM	
TW1-88AA	1-88	06/26/2002	GROUNDWATER		102.90		67.40	OC21V	CHLOROFORM	

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TW1-88BD	1-88	06/15/2002	GROUNDWATER		105.50		69.60	OC21V	CHLOROFORM	
M-7BAA	M-7	06/22/2002	GROUNDWATER		59.00		14.40	OC21V	CHLOROFORM	
M-7CAA	M-7	06/22/2002	GROUNDWATER		65.00		7.60	OC21V	CHLOROFORM	
M-7CAD	M-7	06/22/2002	GROUNDWATER		65.00		7.60	OC21V	CHLOROFORM	
M-7DAA	M-7	06/22/2002	GROUNDWATER		75.00		17.60	OC21V	CHLOROFORM	
W125M1A	MW-125	06/20/2002	GROUNDWATER		242.00	182.00	192.00	OC21V	CHLOROFORM	
G226DAA	MW-226	06/24/2002	PROFILE	120.00	120.00	6.40	6.40	OC21V	CHLOROFORM	
G226DBA	MW-226	06/24/2002	PROFILE	130.00	130.00	16.40	16.40	OC21V	CHLOROFORM	
G226DCA	MW-226	06/24/2002	PROFILE	140.00	140.00	26.40	26.40	OC21V	CHLOROFORM	
G226DDA	MW-226	06/24/2002	PROFILE	150.00	150.00	36.40	36.40	OC21V	CHLOROFORM	
G226DEA	MW-226	06/24/2002	PROFILE	160.00	160.00	46.40	46.40	OC21V	CHLOROFORM	
G226DFA	MW-226	06/24/2002	PROFILE	170.00	170.00	56.40	56.40	OC21V	CHLOROFORM	
G226DGA	MW-226	06/24/2002	PROFILE	180.00	180.00	66.40	66.40	OC21V	CHLOROFORM	
G226DHA	MW-226	06/24/2002	PROFILE	190.00	190.00	76.40	76.40	OC21V	CHLOROFORM	
G226DIA	MW-226	06/25/2002	PROFILE	200.00	200.00	86.40	86.40	OC21V	CHLOROFORM	
G226DJA	MW-226	06/25/2002	PROFILE	210.00	210.00	96.40	96.40	OC21V	CHLOROFORM	
G226DKA	MW-226	06/25/2002	PROFILE	220.00	220.00	106.40	106.40	OC21V	CHLOROFORM	
G226DLA	MW-226	06/25/2002	PROFILE	230.00	230.00	116.40	116.40	OC21V	CHLOROFORM	
G226DLD	MW-226	06/25/2002	PROFILE	230.00	230.00	116.40	116.40	OC21V	CHLOROFORM	
G226DMA	MW-226	06/25/2002	PROFILE	240.00	240.00	126.40	126.40	OC21V	CHLOROFORM	
G226DNA	MW-226	06/25/2002	PROFILE	250.00	250.00	136.40	136.40	OC21V	CHLOROFORM	
G226DOA	MW-226	06/25/2002	PROFILE	260.00	260.00	146.40	146.40	OC21V	CHLOROFORM	
G226DPA	MW-226	06/25/2002	PROFILE	270.00	270.00	156.40	156.40	OC21V	CHLOROFORM	
G226DQA	MW-226	06/26/2002	PROFILE	280.00	280.00	166.40	166.40	OC21V	CHLOROFORM	
G226DRA	MW-226	06/26/2002	PROFILE	290.00	290.00	176.40	176.40	OC21V	CHLOROFORM	
G226DSA	MW-226	06/26/2002	PROFILE	300.00	300.00	186.40	186.40	OC21V	CHLOROFORM	
G226DTA	MW-226	06/26/2002	PROFILE	306.00	306.00	192.40	192.40	OC21V	CHLOROFORM	
G227DFA	MW-227	06/17/2002	PROFILE	110.00	110.00	57.20	57.20	OC21V	CHLOROFORM	
W80SSA	MW-80	06/24/2002	GROUNDWATER	43.00	53.00	0.00	10.00	OC21V	CHLOROFORM	
WS4-AAA	WS-4	06/24/2002	GROUNDWATER		210.00		139.85	OC21V	CHLOROFORM	
WS4-BAA	WS-4	06/24/2002	GROUNDWATER		220.00		139.85	OC21V	CHLOROFORM	

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WS4-ADA	WS-4A	06/25/2002	GROUNDWATER	218.00	228.00	148.30	158.30	OC21V	CHLOROFORM	

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