WEEKLY PROGRESS UPDATE
FOR NOVEMBER 18 – NOVEMBER 22, 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 November 18 through November 22, 2002.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of November 22 is summarized in Table 1.

Table 1. Drilling progress as of November 22, 2002

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-248	Demo Area 1 (D1P-16)	280	167	
MW-249	Central Impact Area (CIAP-14)	290	147	
MW-250	J-3 Range (J3P-19)	214	201	

bgs = below ground surface
bwt = below water table

Commenced well installation of MW-248 (D1P-16), completed drilling of MW-250 (J3P-19), and continued drilling of MW-249 (CIAP-14). Well development continued for newly installed wells.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-248, MW-249, and MW-250. Groundwater samples were collected from Bourne water supply and monitoring wells, from recently installed wells, and as part of the December Long Term Groundwater monitoring round. Water samples were collected from the GAC treatment system.

As part of the Munitions Survey Project, soil samples were collected from the J-2 Range anomaly excavations.

The following are the notes from the November 21, 2002 Technical Team meeting at the IAGWSPO:

Participants

Ben Gregson (IAGWSPO)	Bill Gallagher (IAGWSPO)	Dave Hill (IAGWSPO)
Karen Wilson (IAGWSPO)	Todd Borci (EPA-phone)	Desiree Moyer (EPA)
Jane Dolan (EPA)	Len Pinaud (MADEP)	Mark Panni (MADEP)
Ed Wise (ACE)	Rob Foti (ACE)	Heather Sullivan (ACE)
Don Wood (ACE)	Marc Grant (AMEC)	Kim Harriz (AMEC)
Maria Pologruto (AMEC)	Jay Clausen (AMEC-phone)	John Rice (AMEC-phone)
Marie Wojtas (AMEC-phone)	Dick Skryness (ECC)	Al Larkins (ECC)
Mike Goydas (Jacobs)	Pete Redmond (Tetra Tech)	Susan Stewart (Tt-phone)
Kevin Hood (Univ. of Connecticut)		

Punchlist Items

#3 Determine status of sampling the Gallo Skating Rink well (Guard). The Guard is interested in sampling the well, but is seeking a second cost estimate.

#5 Provide validated data for MW-188, MW-187 and MW-215 (Corps). Additional unvalidated data was emailed. Validated data still pending.

#6 Determine if WS4P-6 is a contingency well (Guard). Mike Minior (AFCEE) to discuss with Leo Yuskus especially relative to MW-219 results. Ben Gregson (IAGWSPO) to follow up with Mr. Minior.

#8 Consider if GAC-treated surface water run-off from the Scrap Yard can be discharged to the ground surface (EPA). This option was not included in the proposal to EPA from the Guard.

#10 Provide expedited data of Snake Pond samples (Corps). Reanalysis results of samples were non detect. Therefore, results will be validated as non detect. Heather Sullivan (ACE) to provide email explanation of laboratory issues that resulted in the false positive and subsequent non detect on reanalysis.

#12 Provide option and costs for treatment disposal of Scrap Yard run-off water (Corps). Information to be provided in a couple days. Samples of water run-off collected recently were non detect for explosives; the Guard would like the agencies approval to discharge. Ben Gregson to forward email to EPA/MADEP describing samples and results.

#13 MAARNG to consider a separate SHPO agreement for MMR if agreement for a statewide agreement stalls (E&RC). LTC FitzPatrick (E&RC) indicated to Ed Wise (ACE) that the agreement is progressing as expected and no issues are currently anticipated. However, the E&RC has noted the EPA's request.

MSP3 and Southeast Ranges Update

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

J-2 Range Polygons. Crews completed Polygon 2R and moved on to excavations at 2N, 2O, and 2P. Minor items were uncovered in 2N and 2O, with the anomaly in 2O being largely attributed to the casing of a well located in that sub area. Polygon 2P is being worked on today and appears to have been a burn pit. An updated list of findings was distributed at the meeting. A second crew is expected to begin excavation at Polygon 1 by early next week.

Ponds. Excavation of the anomaly at Grassy Pond was approved and completed on Wednesday 11/20. Communication wire was pulled from the location. A weak signal still remains. Based on the intensity of the signal, the Corps believes this represents an additional length of wire. Todd Borci (EPA) concurred with the Corps' recommendation to discontinue further excavation of this anomaly.

U Range. The geophysical survey for the north side of the berm has been completed. Two thirds of the grids have been surface cleared on the south side. Over 1000 3.5-inch rockets, some with suspect fuzes have been recovered. A table listing the total findings will be available by the 12/05 Tech meeting. Meeting/conference call (12/4 or 12/5) to be arranged to discuss potential picks at the berm; email will be sent to confirm date and time. Once the surface clearance on the south side of the berm is completed, a Schonstedt survey and/or EM61 "meandering path" survey will be conducted for this area.
Controlled Detonation Chamber. The CDC is expected to arrive today, with the destruction of accumulated UXO to begin the week of 12/2. At the EPA's request, Ed Wise (ACE) to discuss with Frank Fedele (ACE) the possibility of extending the time for the CDC to be on site, so that the entire backlog of munitions can be disposed.
Drilling/Sampling. - Drilling currently being conducted at J3P-19 in Camp GoodNews. MW-247 (J3P-22) is being developed.

- Jane Dolan (EPA) requested that the J-2 Polygon Report be prepared exclusive of the results for Polygons 1 & 2 to expedite the submittal ahead of the current schedule. Dave Hill (IAGWSPO) indicated this would be considered, particularly if the volume of data dictated the need for two reports. Gina Kaso (ACE) is evaluating the cost of preparing two separate reports for the J-2 Range Polygons.

Record Of Action Update

Heather Sullivan (ACE) discussed the status of ROAs for upcoming field activities. A one-page drilling schedule and three-page ROA Status table were distributed.

- The following changes should be noted in the drilling: J1P-16 may be delayed. The WS4P-4 may move up in the schedule if the SHPO accepts the Guard's proposal to install a road without disturbing the ground surface instead of completing an archeological survey.
- The following changes should be noted for the ROA table: ROAs have been submitted for all the Demo 2 wells. The ROA approval was received for proposed well KP-2.
- The delay for J1P-16 is the result of confusion over the drilling location as staked in the field. The initial location for J1P-16 was moved to preserve habitat. However, in the process of clearing a path to J1P-18 from J1P-17 to avoid disturbing the submunitions, the UXO clearance crews ran across the original staked location for J1P-16, which they mistook for the approved location. Therefore, the crews proceeded to brush cut to make a drill rig accessible path from J1P-18 to the original J1P-16 location and for the well pad before the error was discovered; UXO clearance was not completed. Because the brush cutting has already been completed inadvertently for this original J1P-16 location, the Guard is resubmitting an ROA for this original location to supercede the ROA for the approved location, to avoid further habitat destruction.
- Referring to the ROA Status table, Len Pinaud (MADEP) asked why ROAs needed to be submitted for soil sampling in the Demo 1 Area, when sampling has being completed in this area previously. Karen Wilson (IAGWSPO) explained the grids proposed for sampling were outside areas previously sampled and outside of the kettle hole area.
- Mr. Pinaud suggested that the preparation of the ROAs needed for the Soil RAM at Demo 1 should be started soon to avoid schedule delays. Ms. Wilson indicated the areas still needed to be defined. Todd Borci stated that EPA is not in agreement with the Guard's most recent proposal, and that this issue must be resolved soon. Ms. Wilson concluded separate ROA(s) could then be submitted for refinement or expansion of the excavation boundaries.

MW-219 Corrective Action Report

Len Pinaud had several questions/comments on the Corrective Action Report for the detection of perchlorate at the S interval in profile samples from MW-219.

- Jeff Rose (MADEP Water Supply) relayed to Mr. Pinaud he felt all analyses completed on the suspect instrument at Ceimic Labs were now suspect. Marc Grant (AMEC) explained in the past, samples with detected compounds were run a 2nd time to confirm the result.
- Mr. Pinaud further inquired how resampling of the well screen 10 feet above the profile detection had any bearing on the concentration of perchlorate in the S interval. Bill Gallagher (IAGWSPO) explained the pump was lowered to the bottom of the well screen and that depth was only 3 feet above the S interval where the profile sample with the detection was collected.
- Mr. Pinaud inquired why the non-detect result was first reported and then reversed. Marie Wojtas (AMEC) explained the laboratory noted a detection in the first analysis run and then a non detect in the second run and concluded that the first result was a false positive based on their experience with the instrument. The data validators reviewed both results and selected the first result as valid. Upon discussion with the laboratory and subsequent closer scrutiny of the instrument QA/QC results, the validators accepted non detect as the valid result.
- Mr. Pinaud indicated he would pose these questions in an email. The Corps agreed to respond with a more detailed written explanation.
- To Jane Dolan's inquiry regarding the differences between the Metrohm and Dionex ion chromatographs, Marc Grant (AMEC) explained the Dionex instrument has been used longer for perchlorate analysis. The Metrohm instrument, which has a different type of column, was being used on a trial basis under the assumption that it would perform better than the Dionex. After extended use, the laboratory started noticing problems with the instrument's performance at the low-level detection limits and has since sent the instrument back to the vendor, replacing it with another Dionex instrument.

Bourne Update

Bill Gallagher (IAGWSPO) summarized recent Bourne-related activities.

- Sampling of Bourne monitoring and supply wells continues with no new significant results.
- The ROA for WS4P-4 is scheduled to be submitted in a couple days with the specification that experimental road building will be used so that the ground surface will not be disturbed and therefore an archeological survey will not be required. This technique is being evaluated on a trial basis for use at the other WS4P drilling locations.
- The Draft Bourne Response Plan was submitted on 11/18/02.
- Pilot testing of perchlorate treatment technologies will be performed under the ITE Program. An RFP has been forwarded to AMEC. Currently, the most appropriate well on which to perform a mini-test is being evaluated.
- The Guard feels the best time for a meeting would be after results are obtained from the mini-test. Mr. Pinaud suggested an email update could be forwarded to keep everyone informed until the advent of the meeting.
- The Guard will propose postponing the bimonthly meeting with Bourne Water District to the first week of December.
- An updated site-wide perchlorate map depicting the concentrations of perchlorate in all wells relative to the MMR Relevant Standard of 1.5 ug/L is available on a first come, first serve basis. The map also indicates the wells for which the data is still outstanding. Mr. Gallagher proposed to hold the Site-Wide Perchlorate Characterization Report off until the next set of analytical data are received for the outstanding first-time sampled wells. The current submittal date is 11/25; a more updated report and map would be available in mid December. Todd Borci to review map and provide feedback on the report date.

Documents and Schedules
Marc Grant (AMEC) led a discussion of document priorities. A 6-page handout was distributed including scheduling issues overview, document status table, and 3-month look-ahead schedule.
UXO Interim Screening Report MOR. 1st priority. Waiting EPA approval.
Pump Test Report. 2nd priority. EPA comments to be forwarded by the week of 11/25.
Small Arms Ranges Report. 3rd priority. DEP comments to be forwarded by tomorrow 11/22.
BIP Sampling Plan MOR. 4th priority. EPA sent approval on 10/29.
MSP3 Eastern Test Site Report. 5th priority. EPA comment sent this morning.
J1/J3/L Additional Delineation Report. Waiting for EPA approval of the MOR.
Demo 1 Soil Report. Need to discuss comments in DEP's 11/7/02 letter. Heather Sullivan to arrange conference call on 11/26.
HUTA1 Report. Response to Comment Letter sent 8/28. EPA to provide additional comments in the second week of December.
Soil Background Report. Comments from EPA Cincinnati are being reconciled with other EPA internal comments, to be forwarded soon.
MSP3 Gun and Mortar Workplan. Desiree Moyer (EPA) will have 2 or 3 comments to be sent out by 11/22.
Background Groundwater Report. Don Wood (ACE) relayed USGS had sent the report off to several scientists for review, comments expected in January.
Laboratory Fate and Transport Study CRM. EPA not sure of when CRM can be scheduled.
CDC Report. Waiting on comments.
Priorities for MADEP are: SAR Report, HUTA2 Transects, BIP Sampling Plan, MSP3 Reports.

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:

Table 3 includes detections from the following areas:

Bourne Wellfield

- Groundwater samples from 02-12M1 had a detection of chloroform.

Central Impact Area and Downgradient

- Groundwater samples from MW-216S and MW-216M1 had detections of chloroform.

Southeast Ranges

- Groundwater samples from MW-243M2 had a detection of picric acid that was not confirmed by PDA spectra. This is the first sampling event and the detection was consistent with the profile results.

- Profile samples from MW-250 (J3P-19) had detections of explosives, VOCs, and perchlorate. RDX was detected and confirmed by PDA spectra, but with interference in two intervals at 88 feet and 108 feet below the water table. Perchlorate was detected in nine intervals at 58 feet and between 88 and 158 feet below the water table. Well screens were set at the depth (82 to 92 ft bwt) corresponding to the top of the RDX detections, the depth (132 to 142 ft bwt) corresponding to the highest perchlorate detections, and at the depth (167 to 177 ft bwt) corresponding to the clean zone below the perchlorate detections.

Demo Area 1

- Groundwater samples from MW-214M2 had a detection of perchlorate. This is the first detection of perchlorate in this well and the results were consistent with the profile results.

- Profile samples from MW-248 (D1P-16) had detections of explosives that were not confirmed by PDA spectra. Well screens were set at the depth (30 to 40 ft bwt) corresponding to the top of the upgradient perchlorate plume, the depth (65 to 75 ft bwt) corresponding to the middle of the upgradient plume, and at the depth (105 to 115 ft bwt) corresponding to the bottom of the upgradient plume.

DELIVERABLES SUBMITTED

Weekly Progress Update for November 4 – November 8, 2002	11/18/2002
Weekly Progress Update for November 11 – November 15, 2002	11/22/2002

3. SCHEDULED ACTIONS

Scheduled actions for the week of November 25 include complete well installation of MW-248 (D1P-16), commence well installation of MW-250 (J3P-19), and complete drilling of MW-249 (CIAP-14).

4. SUMMARY OF ACTIVITIES FOR DEMO 1

Additional delineation of the downgradient portion of the groundwater plume is being conducted prior to finalizing the Feasibility Study for the Groundwater Operable Unit and as the Interim Action for groundwater remediation is being designed. Pumping and treating groundwater at the toe of the Demo 1 plume and at Frank Perkins Road has been selected as an Interim Action to address the Demo 1 Area Groundwater Operable Unit. A Rapid Response Action/Release Abatement Measure (RRA/RAM) is also being planned to address soil contamination at Demo 1. UXO clearance at proposed monitoring well location D1P-18 will be initiated next week. Drilling of MW-248 (D1P-16) was completed.

TABLE 2
SAMPLING PROGRESS
11/17/2002 - 11/23/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G248DOE	FIELDQC	11/18/2002	FIELDQC	0.00	0.00		
G248DQE	FIELDQC	11/19/2002	FIELDQC	0.00	0.00		
G249DJE	FIELDQC	11/21/2002	FIELDQC	0.00	0.00		
G249DJT	FIELDQC	11/21/2002	FIELDQC	0.00	0.00		
G249DOE	FIELDQC	11/22/2002	FIELDQC	0.00	0.00		
G250DGE	FIELDQC	11/20/2002	FIELDQC	0.00	0.00		
G250DGT	FIELDQC	11/20/2002	FIELDQC	0.00	0.00		
TW1-88A-E	FIELDQC	11/19/2002	FIELDQC	0.00	0.00		
W02-12M1T	FIELDQC	11/19/2002	FIELDQC	0.00	0.00		
4036000-01G	4036000-01G	11/19/2002	GROUNDWATER			6.00	12.00
4036000-01GD	4036000-01G	11/19/2002	GROUNDWATER			6.00	12.00
4036000-03G	4036000-03G	11/19/2002	GROUNDWATER	50.00	60.00	6.00	12.00
4036000-04G	4036000-04G	11/19/2002	GROUNDWATER			6.00	12.00
4036000-06G	4036000-06G	11/19/2002	GROUNDWATER			6.00	12.00
TW1-88A-A	1-88	11/19/2002	GROUNDWATER		102.90	0.00	67.40
W02-12M1A	02-12	11/19/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M2A	02-12	11/19/2002	GROUNDWATER	94.00	104.00	43.21	53.21
W02-12M3A	02-12	11/19/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-12M3D	02-12	11/19/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-13M1A	02-13	11/19/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M2A	02-13	11/19/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M3A	02-13	11/19/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W07M1A	MW-07	11/22/2002	GROUNDWATER	240.00	245.00	135.00	140.00
W07M1X	MW-07	11/22/2002	GROUNDWATER	240.00	245.00	135.00	140.00
W100M1A	MW-100	11/21/2002	GROUNDWATER	179.00	189.00	45.00	55.00
W100M2A	MW-100	11/21/2002	GROUNDWATER	164.00	174.00	30.00	40.00
W101M1A	MW-101	11/21/2002	GROUNDWATER	158.00	168.00	27.00	37.00
W101SSA	MW-101	11/21/2002	GROUNDWATER	131.00	141.00	0.00	10.00
W107M1A	MW-107	11/22/2002	GROUNDWATER	155.00	165.00	35.00	45.00
W107M2A	MW-107	11/22/2002	GROUNDWATER	125.00	135.00	5.00	15.00
W111M2A	MW-111	11/21/2002	GROUNDWATER	182.00	192.00	50.00	60.00
W133M1A	MW-133	11/20/2002	GROUNDWATER	352.00	362.00	136.00	146.00
W133M2A	MW-133	11/20/2002	GROUNDWATER	321.00	331.00	105.00	115.00
W142M1A	MW-142	11/22/2002	GROUNDWATER	225.00	235.00	185.00	195.00
W142M2A	MW-142	11/22/2002	GROUNDWATER	140.00	150.00	100.00	110.00
W142SSA	MW-142	11/22/2002	GROUNDWATER	42.00	52.00	2.00	12.00
W143M1A	MW-143	11/22/2002	GROUNDWATER	144.00	154.00	114.00	124.00
W143M2A	MW-143	11/22/2002	GROUNDWATER	144.00	154.00	114.00	124.00
W160SSA	MW-160	11/21/2002	GROUNDWATER	137.50	147.50	5.00	15.00
W161SSA	MW-161	11/20/2002	GROUNDWATER	145.50	155.50	6.00	16.00
W16DDA	MW-16	11/20/2002	GROUNDWATER	355.00	360.00	223.00	228.00

Profiling methods include: Volatiles, Explosives and Perchlorate
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
SED = Sample End Depth, measured in feet bgs
BWTS = Depth below water table, start depth, measured in feet
BWTE = Depth below water table, end depth, measured in feet

TABLE 2
SAMPLING PROGRESS
11/17/2002 - 11/23/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W18DDA	MW-18	11/20/2002	GROUNDWATER	265.00	275.00	222.00	232.00
W18M1A	MW-18	11/20/2002	GROUNDWATER	171.00	176.00	128.00	133.00
W18M2A	MW-18	11/20/2002	GROUNDWATER	107.00	112.00	64.00	69.00
W216M1A	MW-216	11/21/2002	GROUNDWATER	253.00	263.00	51.19	61.19
W216M2A	MW-216	11/21/2002	GROUNDWATER	236.00	246.00	34.17	44.17
W216SSA	MW-216	11/21/2002	GROUNDWATER	199.00	209.00	0.00	7.13
W220M1A	MW-220	11/22/2002	GROUNDWATER	248.00	258.00	120.85	130.85
W220SSA	MW-220	11/22/2002	GROUNDWATER	126.00	136.00	0.00	10.00
W33MMA	MW-33	11/18/2002	GROUNDWATER	161.50	171.50	65.00	75.00
W33SSA	MW-33	11/18/2002	GROUNDWATER	146.50	151.50	50.00	55.00
W35M1A	MW-35	11/18/2002	GROUNDWATER	155.00	165.00	68.00	78.00
W35M2A	MW-35	11/18/2002	GROUNDWATER	100.00	110.00	13.00	23.00
W36M1A	MW-36	11/18/2002	GROUNDWATER	151.00	161.00	74.00	84.00
W36M2A	MW-36	11/18/2002	GROUNDWATER	131.00	141.00	54.00	64.00
W42M1A	MW-42	11/20/2002	GROUNDWATER	205.00	215.00	137.00	147.00
W42M2A	MW-42	11/21/2002	GROUNDWATER	185.80	195.80	118.00	128.00
W74M1A	MW-74	11/18/2002	GROUNDWATER	170.00	180.00	76.00	86.00
W74M2A	MW-74	11/18/2002	GROUNDWATER	125.00	135.00	31.00	41.00
W74M3A	MW-74	11/19/2002	GROUNDWATER	100.00	110.00	6.00	16.00
W74M3D	MW-74	11/19/2002	GROUNDWATER	100.00	110.00	6.00	16.00
W75M1A	MW-75	11/18/2002	GROUNDWATER	140.00	150.00	59.00	69.00
W75M2A	MW-75	11/18/2002	GROUNDWATER	115.00	125.00	34.00	44.00
W76M1A	MW-76	11/18/2002	GROUNDWATER	125.00	135.00	58.00	68.00
W76M2A	MW-76	11/18/2002	GROUNDWATER	105.00	115.00	38.00	48.00
W76M2A	MW-76	11/20/2002	GROUNDWATER	105.00	115.00	38.00	48.00
W76SSA	MW-76	11/18/2002	GROUNDWATER	85.00	95.00	18.00	28.00
W77M1A	MW-77	11/19/2002	GROUNDWATER	180.00	190.00	98.00	108.00
W77M1D	MW-77	11/19/2002	GROUNDWATER	180.00	190.00	98.00	108.00
W77M2A	MW-77	11/19/2002	GROUNDWATER	120.00	130.00	38.00	48.00
W78M1A	MW-78	11/20/2002	GROUNDWATER	135.00	145.00	58.00	68.00
W78M2A	MW-78	11/20/2002	GROUNDWATER	115.00	125.00	38.00	48.00
W78M3A	MW-78	11/20/2002	GROUNDWATER	85.00	95.00	8.00	18.00
XXWSCN-A	Schooner Pass	11/20/2002	GROUNDWATER				
XXWSCN-D	Schooner Pass	11/20/2002	GROUNDWATER				
DW111802-NV	GAC WATER	11/18/2002	IDW				
DW112102-NV	GAC WATER	11/21/2002	IDW				
G248DOA	MW-248	11/18/2002	PROFILE	260.00	260.00	146.80	146.80
G248DPA	MW-248	11/18/2002	PROFILE	270.00	270.00	156.80	156.80
G248DQA	MW-248	11/19/2002	PROFILE	280.00	280.00	166.80	166.80
G249DAA	MW-249	11/20/2002	PROFILE	150.00	150.00	7.40	7.40
G249DBA	MW-249	11/20/2002	PROFILE	160.00	160.00	17.40	17.40

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11/17/2002 - 11/23/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G249DCA	MW-249	11/20/2002	PROFILE	170.00	170.00	27.40	27.40
G249DDA	MW-249	11/20/2002	PROFILE	180.00	180.00	37.40	37.40
G249DEA	MW-249	11/20/2002	PROFILE	190.00	190.00	47.40	47.40
G249DFA	MW-249	11/20/2002	PROFILE	200.00	200.00	57.40	57.40
G249DGA	MW-249	11/20/2002	PROFILE	210.00	210.00	67.40	67.40
G249DHA	MW-249	11/21/2002	PROFILE	220.00	220.00	77.40	77.40
G249DIA	MW-249	11/21/2002	PROFILE	230.00	230.00	87.40	87.40
G249DID	MW-249	11/21/2002	PROFILE	230.00	230.00	87.40	87.40
G249DJA	MW-249	11/21/2002	PROFILE	240.00	240.00	97.40	97.40
G249DKA	MW-249	11/21/2002	PROFILE	250.00	250.00	107.40	107.40
G249DLA	MW-249	11/21/2002	PROFILE	260.00	260.00	117.40	117.40
G249DMA	MW-249	11/21/2002	PROFILE	270.00	270.00	127.40	127.40
G249DNA	MW-249	11/21/2002	PROFILE	280.00	280.00	137.40	137.40
G249DOA	MW-249	11/22/2002	PROFILE	290.00	290.00	147.40	147.40
G250DAA	MW-250	11/19/2002	PROFILE	20.00	20.00	7.50	7.50
G250DBA	MW-250	11/19/2002	PROFILE	30.00	30.00	17.50	17.50
G250DCA	MW-250	11/19/2002	PROFILE	40.00	40.00	27.50	27.50
G250DDA	MW-250	11/19/2002	PROFILE	50.00	50.00	37.50	37.50
G250DEA	MW-250	11/19/2002	PROFILE	60.00	60.00	47.50	47.50
G250DFA	MW-250	11/19/2002	PROFILE	70.00	70.00	57.50	57.50
G250DGA	MW-250	11/20/2002	PROFILE	80.00	80.00	67.50	67.50
G250DHA	MW-250	11/20/2002	PROFILE	90.00	90.00	77.50	77.50
G250DIA	MW-250	11/20/2002	PROFILE	100.00	100.00	87.50	87.50
G250DJA	MW-250	11/20/2002	PROFILE	110.00	110.00	97.50	97.50
G250DJD	MW-250	11/20/2002	PROFILE	110.00	110.00	97.50	97.50
G250DKA	MW-250	11/20/2002	PROFILE	120.00	120.00	107.50	107.50
G250DLA	MW-250	11/20/2002	PROFILE	130.00	130.00	117.50	117.50
G250DMA	MW-250	11/20/2002	PROFILE	140.00	140.00	127.50	127.50
G250DNA	MW-250	11/20/2002	PROFILE	150.00	150.00	137.50	137.50
G250DOA	MW-250	11/20/2002	PROFILE	160.00	160.00	147.50	147.50
G250DPA	MW-250	11/20/2002	PROFILE	170.00	170.00	157.50	157.50
G250DQA	MW-250	11/21/2002	PROFILE	180.00	180.00	167.50	167.50
G250DRA	MW-250	11/21/2002	PROFILE	190.00	190.00	177.50	177.50
G250DSA	MW-250	11/21/2002	PROFILE	200.00	200.00	187.50	187.50
G250DTA	MW-250	11/21/2002	PROFILE	210.00	210.00	197.50	197.50

Profiling methods include: Volatiles, Explosives and Perchlorate
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
SED = Sample End Depth, measured in feet bgs
BWTS = Depth below water table, start depth, measured in feet
BWTE = Depth below water table, end depth, measured in feet

TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 11/01/02 - 11/23/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W02-12M1A	02-12	11/19/2002	GROUNDWATER	109.00	119.00	58.35	68.35	OC21V	CHLOROFORM	
W214M2A	MW-214	11/04/2002	GROUNDWATER	165.00	175.00	78.45	88.45	E314.0	PERCHLORATE	
W216M1A	MW-216	11/21/2002	GROUNDWATER	253.00	263.00	51.19	61.19	OC21V	CHLOROFORM	
W216SSA	MW-216	11/21/2002	GROUNDWATER	199.00	209.00	0.00	7.13	OC21V	CHLOROFORM	
W243M2A	MW-243	11/12/2002	GROUNDWATER	84.50	94.50	15.82	25.82	8330N	PICRIC ACID	NO
G248DAA	MW-248	11/08/2002	PROFILE	120.00	120.00	6.80	6.80	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G248DAA	MW-248	11/08/2002	PROFILE	120.00	120.00	6.80	6.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO
G248DAA	MW-248	11/08/2002	PROFILE	120.00	120.00	6.80	6.80	8330N	NITROGLYCERIN	NO
G248DAA	MW-248	11/08/2002	PROFILE	120.00	120.00	6.80	6.80	8330N	PICRIC ACID	NO
G248DBA	MW-248	11/08/2002	PROFILE	130.00	130.00	16.80	16.80	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G248DBA	MW-248	11/08/2002	PROFILE	130.00	130.00	16.80	16.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO
G248DBA	MW-248	11/08/2002	PROFILE	130.00	130.00	16.80	16.80	8330N	NITROGLYCERIN	NO
G248DBA	MW-248	11/08/2002	PROFILE	130.00	130.00	16.80	16.80	8330N	PICRIC ACID	NO
G248DCA	MW-248	11/08/2002	PROFILE	140.00	140.00	26.80	26.80	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G248DCA	MW-248	11/08/2002	PROFILE	140.00	140.00	26.80	26.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO
G248DCA	MW-248	11/08/2002	PROFILE	140.00	140.00	26.80	26.80	8330N	NITROBENZENE	NO
G248DCA	MW-248	11/08/2002	PROFILE	140.00	140.00	26.80	26.80	8330N	NITROGLYCERIN	NO
G248DDA	MW-248	11/08/2002	PROFILE	150.00	150.00	36.80	36.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO
G248DDA	MW-248	11/08/2002	PROFILE	150.00	150.00	36.80	36.80	8330N	NITROGLYCERIN	NO
G248DDA	MW-248	11/08/2002	PROFILE	150.00	150.00	36.80	36.80	8330N	PICRIC ACID	NO
G248DEA	MW-248	11/08/2002	PROFILE	160.00	160.00	46.80	46.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO
G248DEA	MW-248	11/08/2002	PROFILE	160.00	160.00	46.80	46.80	8330N	NITROGLYCERIN	NO
G248DEA	MW-248	11/08/2002	PROFILE	160.00	160.00	46.80	46.80	8330N	PICRIC ACID	NO
G248DFA	MW-248	11/08/2002	PROFILE	170.00	170.00	56.80	56.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO
G248DFA	MW-248	11/08/2002	PROFILE	170.00	170.00	56.80	56.80	8330N	NITROGLYCERIN	NO
G248DFA	MW-248	11/08/2002	PROFILE	170.00	170.00	56.80	56.80	8330N	PICRIC ACID	NO
G248DGA	MW-248	11/08/2002	PROFILE	180.00	180.00	66.80	66.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO
G248DGA	MW-248	11/08/2002	PROFILE	180.00	180.00	66.80	66.80	8330N	NITROGLYCERIN	NO
G248DGA	MW-248	11/08/2002	PROFILE	180.00	180.00	66.80	66.80	8330N	PICRIC ACID	NO
G248DGD	MW-248	11/08/2002	PROFILE	180.00	180.00	66.80	66.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO
G248DGD	MW-248	11/08/2002	PROFILE	180.00	180.00	66.80	66.80	8330N	NITROGLYCERIN	NO

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 11/01/02 - 11/23/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G248DGD	MW-248	11/08/2002	PROFILE	180.00	180.00	66.80	66.80	8330N	PICRIC ACID	NO
G248DHA	MW-248	11/12/2002	PROFILE	190.00	190.00	76.80	76.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO
G248DHA	MW-248	11/12/2002	PROFILE	190.00	190.00	76.80	76.80	8330N	NITROGLYCERIN	NO
G248DHA	MW-248	11/12/2002	PROFILE	190.00	190.00	76.80	76.80	8330N	PICRIC ACID	NO
G248DIA	MW-248	11/13/2002	PROFILE	200.00	200.00	86.80	86.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO*
G248DIA	MW-248	11/13/2002	PROFILE	200.00	200.00	86.80	86.80	8330N	NITROGLYCERIN	NO
G248DIA	MW-248	11/13/2002	PROFILE	200.00	200.00	86.80	86.80	8330N	PICRIC ACID	NO
G248DJA	MW-248	11/13/2002	PROFILE	210.00	210.00	96.80	96.80	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G248DJA	MW-248	11/13/2002	PROFILE	210.00	210.00	96.80	96.80	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G248DJA	MW-248	11/13/2002	PROFILE	210.00	210.00	96.80	96.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO*
G248DJA	MW-248	11/13/2002	PROFILE	210.00	210.00	96.80	96.80	8330N	NITROBENZENE	NO
G248DJA	MW-248	11/13/2002	PROFILE	210.00	210.00	96.80	96.80	8330N	NITROGLYCERIN	NO
G248DJA	MW-248	11/13/2002	PROFILE	210.00	210.00	96.80	96.80	8330N	PICRIC ACID	NO
G248DKA	MW-248	11/13/2002	PROFILE	220.00	220.00	106.80	106.80	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G248DKA	MW-248	11/13/2002	PROFILE	220.00	220.00	106.80	106.80	8330N	2,6-DINITROTOLUENE	NO*
G248DKA	MW-248	11/13/2002	PROFILE	220.00	220.00	106.80	106.80	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G248DKA	MW-248	11/13/2002	PROFILE	220.00	220.00	106.80	106.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO*
G248DKA	MW-248	11/13/2002	PROFILE	220.00	220.00	106.80	106.80	8330N	NITROBENZENE	NO
G248DKA	MW-248	11/13/2002	PROFILE	220.00	220.00	106.80	106.80	8330N	NITROGLYCERIN	NO
G248DKA	MW-248	11/13/2002	PROFILE	220.00	220.00	106.80	106.80	8330N	PICRIC ACID	NO
G248DLA	MW-248	11/14/2002	PROFILE	230.00	230.00	116.80	116.80	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO*
G248DLA	MW-248	11/14/2002	PROFILE	230.00	230.00	116.80	116.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO*
G248DLA	MW-248	11/14/2002	PROFILE	230.00	230.00	116.80	116.80	8330N	NITROGLYCERIN	NO
G248DLA	MW-248	11/14/2002	PROFILE	230.00	230.00	116.80	116.80	8330N	PICRIC ACID	NO
G248DMA	MW-248	11/15/2002	PROFILE	240.00	240.00	126.80	126.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO*
G248DMA	MW-248	11/15/2002	PROFILE	240.00	240.00	126.80	126.80	8330N	NITROGLYCERIN	NO
G248DNA	MW-248	11/15/2002	PROFILE	250.00	250.00	136.80	136.80	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G248DNA	MW-248	11/15/2002	PROFILE	250.00	250.00	136.80	136.80	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G248DNA	MW-248	11/15/2002	PROFILE	250.00	250.00	136.80	136.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO*
G248DNA	MW-248	11/15/2002	PROFILE	250.00	250.00	136.80	136.80	8330N	NITROGLYCERIN	NO
G248DNA	MW-248	11/15/2002	PROFILE	250.00	250.00	136.80	136.80	8330N	PICRIC ACID	NO

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* = Interference in sample

TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 11/01/02 - 11/23/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G248DOA	MW-248	11/18/2002	PROFILE	260.00	260.00	146.80	146.80	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G248DOA	MW-248	11/18/2002	PROFILE	260.00	260.00	146.80	146.80	8330N	2,6-DINITROTOLUENE	NO*
G248DOA	MW-248	11/18/2002	PROFILE	260.00	260.00	146.80	146.80	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G248DOA	MW-248	11/18/2002	PROFILE	260.00	260.00	146.80	146.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO
G248DOA	MW-248	11/18/2002	PROFILE	260.00	260.00	146.80	146.80	8330N	NITROBENZENE	NO
G248DOA	MW-248	11/18/2002	PROFILE	260.00	260.00	146.80	146.80	8330N	NITROGLYCERIN	NO
G248DOA	MW-248	11/18/2002	PROFILE	260.00	260.00	146.80	146.80	8330N	PICRIC ACID	NO
G248DPA	MW-248	11/18/2002	PROFILE	270.00	270.00	156.80	156.80	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G248DPA	MW-248	11/18/2002	PROFILE	270.00	270.00	156.80	156.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO
G248DPA	MW-248	11/18/2002	PROFILE	270.00	270.00	156.80	156.80	8330N	NITROGLYCERIN	NO
G248DPA	MW-248	11/18/2002	PROFILE	270.00	270.00	156.80	156.80	8330N	PICRIC ACID	NO
G250DAA	MW-250	11/19/2002	PROFILE	20.00	20.00	7.50	7.50	8330N	NITROGLYCERIN	NO
G250DAA	MW-250	11/19/2002	PROFILE	20.00	20.00	7.50	7.50	8330N	PICRIC ACID	NO
G250DAA	MW-250	11/19/2002	PROFILE	20.00	20.00	7.50	7.50	OC21V	ACETONE	
G250DAA	MW-250	11/19/2002	PROFILE	20.00	20.00	7.50	7.50	OC21V	CHLOROFORM	
G250DAA	MW-250	11/19/2002	PROFILE	20.00	20.00	7.50	7.50	OC21V	TOLUENE	
G250DBA	MW-250	11/19/2002	PROFILE	30.00	30.00	17.50	17.50	8330N	NITROGLYCERIN	NO
G250DBA	MW-250	11/19/2002	PROFILE	30.00	30.00	17.50	17.50	OC21V	CHLOROFORM	
G250DBA	MW-250	11/19/2002	PROFILE	30.00	30.00	17.50	17.50	OC21V	TOLUENE	
G250DCA	MW-250	11/19/2002	PROFILE	40.00	40.00	27.50	27.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO*
G250DCA	MW-250	11/19/2002	PROFILE	40.00	40.00	27.50	27.50	8330N	NITROGLYCERIN	NO
G250DCA	MW-250	11/19/2002	PROFILE	40.00	40.00	27.50	27.50	OC21V	ACETONE	
G250DCA	MW-250	11/19/2002	PROFILE	40.00	40.00	27.50	27.50	OC21V	CHLOROFORM	
G250DCA	MW-250	11/19/2002	PROFILE	40.00	40.00	27.50	27.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G250DCA	MW-250	11/19/2002	PROFILE	40.00	40.00	27.50	27.50	OC21V	TOLUENE	
G250DDA	MW-250	11/19/2002	PROFILE	50.00	50.00	37.50	37.50	OC21V	ACETONE	
G250DDA	MW-250	11/19/2002	PROFILE	50.00	50.00	37.50	37.50	OC21V	CHLOROFORM	
G250DDA	MW-250	11/19/2002	PROFILE	50.00	50.00	37.50	37.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G250DEA	MW-250	11/19/2002	PROFILE	60.00	60.00	47.50	47.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO*
G250DEA	MW-250	11/19/2002	PROFILE	60.00	60.00	47.50	47.50	OC21V	ACETONE	
G250DEA	MW-250	11/19/2002	PROFILE	60.00	60.00	47.50	47.50	OC21V	CHLOROFORM	

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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 11/01/02 - 11/23/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G250DEA	MW-250	11/19/2002	PROFILE	60.00	60.00	47.50	47.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G250DEA	MW-250	11/19/2002	PROFILE	60.00	60.00	47.50	47.50	OC21V	TOLUENE	
G250DFA	MW-250	11/19/2002	PROFILE	70.00	70.00	57.50	57.50	E314.0	PERCHLORATE	
G250DFA	MW-250	11/19/2002	PROFILE	70.00	70.00	57.50	57.50	OC21V	ACETONE	
G250DFA	MW-250	11/19/2002	PROFILE	70.00	70.00	57.50	57.50	OC21V	CHLOROFORM	
G250DFA	MW-250	11/19/2002	PROFILE	70.00	70.00	57.50	57.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G250DGA	MW-250	11/20/2002	PROFILE	80.00	80.00	67.50	67.50	OC21V	ACETONE	
G250DGA	MW-250	11/20/2002	PROFILE	80.00	80.00	67.50	67.50	OC21V	CHLOROFORM	
G250DGA	MW-250	11/20/2002	PROFILE	80.00	80.00	67.50	67.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G250DHA	MW-250	11/20/2002	PROFILE	90.00	90.00	77.50	77.50	OC21V	ACETONE	
G250DHA	MW-250	11/20/2002	PROFILE	90.00	90.00	77.50	77.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G250DIA	MW-250	11/20/2002	PROFILE	100.00	100.00	87.50	87.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES*
G250DIA	MW-250	11/20/2002	PROFILE	100.00	100.00	87.50	87.50	E314.0	PERCHLORATE	
G250DIA	MW-250	11/20/2002	PROFILE	100.00	100.00	87.50	87.50	OC21V	ACETONE	
G250DIA	MW-250	11/20/2002	PROFILE	100.00	100.00	87.50	87.50	OC21V	CHLOROFORM	
G250DIA	MW-250	11/20/2002	PROFILE	100.00	100.00	87.50	87.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G250DIA	MW-250	11/20/2002	PROFILE	100.00	100.00	87.50	87.50	OC21V	TOLUENE	
G250DJA	MW-250	11/20/2002	PROFILE	110.00	110.00	97.50	97.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO*
G250DJA	MW-250	11/20/2002	PROFILE	110.00	110.00	97.50	97.50	8330N	NITROGLYCERIN	NO
G250DJA	MW-250	11/20/2002	PROFILE	110.00	110.00	97.50	97.50	E314.0	PERCHLORATE	
G250DJA	MW-250	11/20/2002	PROFILE	110.00	110.00	97.50	97.50	OC21V	ACETONE	
G250DJA	MW-250	11/20/2002	PROFILE	110.00	110.00	97.50	97.50	OC21V	CHLOROFORM	
G250DJD	MW-250	11/20/2002	PROFILE	110.00	110.00	97.50	97.50	E314.0	PERCHLORATE	
G250DJD	MW-250	11/20/2002	PROFILE	110.00	110.00	97.50	97.50	OC21V	ACETONE	
G250DJD	MW-250	11/20/2002	PROFILE	110.00	110.00	97.50	97.50	OC21V	CHLOROFORM	
G250DJD	MW-250	11/20/2002	PROFILE	110.00	110.00	97.50	97.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G250DKA	MW-250	11/20/2002	PROFILE	120.00	120.00	107.50	107.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	YES*
G250DKA	MW-250	11/20/2002	PROFILE	120.00	120.00	107.50	107.50	E314.0	PERCHLORATE	
G250DKA	MW-250	11/20/2002	PROFILE	120.00	120.00	107.50	107.50	OC21V	ACETONE	
G250DKA	MW-250	11/20/2002	PROFILE	120.00	120.00	107.50	107.50	OC21V	CHLOROFORM	
G250DLA	MW-250	11/20/2002	PROFILE	130.00	130.00	117.50	117.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO*

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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 11/01/02 - 11/23/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G250DLA	MW-250	11/20/2002	PROFILE	130.00	130.00	117.50	117.50	E314.0	PERCHLORATE	
G250DLA	MW-250	11/20/2002	PROFILE	130.00	130.00	117.50	117.50	OC21V	ACETONE	
G250DLA	MW-250	11/20/2002	PROFILE	130.00	130.00	117.50	117.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G250DMA	MW-250	11/20/2002	PROFILE	140.00	140.00	127.50	127.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO*
G250DMA	MW-250	11/20/2002	PROFILE	140.00	140.00	127.50	127.50	E314.0	PERCHLORATE	
G250DMA	MW-250	11/20/2002	PROFILE	140.00	140.00	127.50	127.50	OC21V	ACETONE	
G250DMA	MW-250	11/20/2002	PROFILE	140.00	140.00	127.50	127.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G250DNA	MW-250	11/20/2002	PROFILE	150.00	150.00	137.50	137.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO*
G250DNA	MW-250	11/20/2002	PROFILE	150.00	150.00	137.50	137.50	E314.0	PERCHLORATE	
G250DNA	MW-250	11/20/2002	PROFILE	150.00	150.00	137.50	137.50	OC21V	ACETONE	
G250DOA	MW-250	11/20/2002	PROFILE	160.00	160.00	147.50	147.50	E314.0	PERCHLORATE	
G250DOA	MW-250	11/20/2002	PROFILE	160.00	160.00	147.50	147.50	OC21V	ACETONE	
G250DOA	MW-250	11/20/2002	PROFILE	160.00	160.00	147.50	147.50	OC21V	CHLOROFORM	
G250DPA	MW-250	11/20/2002	PROFILE	170.00	170.00	157.50	157.50	E314.0	PERCHLORATE	
G250DPA	MW-250	11/20/2002	PROFILE	170.00	170.00	157.50	157.50	OC21V	ACETONE	
G250DPA	MW-250	11/20/2002	PROFILE	170.00	170.00	157.50	157.50	OC21V	CHLOROFORM	
G250DPA	MW-250	11/20/2002	PROFILE	170.00	170.00	157.50	157.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G250DQA	MW-250	11/21/2002	PROFILE	180.00	180.00	167.50	167.50	8330N	NITROGLYCERIN	NO
G250DQA	MW-250	11/21/2002	PROFILE	180.00	180.00	167.50	167.50	OC21V	ACETONE	
G250DQA	MW-250	11/21/2002	PROFILE	180.00	180.00	167.50	167.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G250DRA	MW-250	11/21/2002	PROFILE	190.00	190.00	177.50	177.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO*
G250DRA	MW-250	11/21/2002	PROFILE	190.00	190.00	177.50	177.50	OC21V	ACETONE	
G250DRA	MW-250	11/21/2002	PROFILE	190.00	190.00	177.50	177.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G250DSA	MW-250	11/21/2002	PROFILE	200.00	200.00	187.50	187.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO*
G250DSA	MW-250	11/21/2002	PROFILE	200.00	200.00	187.50	187.50	8330N	NITROGLYCERIN	NO
G250DSA	MW-250	11/21/2002	PROFILE	200.00	200.00	187.50	187.50	OC21V	ACETONE	
G250DSA	MW-250	11/21/2002	PROFILE	200.00	200.00	187.50	187.50	OC21V	METHYL ETHYL KETONE (2-BUT/	

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