

**WEEKLY PROGRESS UPDATE
FOR SEPTEMBER 13-SEPTEMBER 17, 1999**

**EPA REGION I ADMINISTRATIVE ORDER SDWA I-97-1019
MASSACHUSETTS MILITARY RESERVATION
TRAINING RANGE AND IMPACT AREA**

The following summary of progress is for the period for September 13 to September 17, 1999.

1. SUMMARY OF ACTIONS TAKEN

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

Table 1. Drilling progress as of September 17, 1999				
Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-65	Gun and Mortar well (GP-14)	275	153	
MW-69	Gun and Mortar well (MP-3)	150	37	
MW-66	Gun and Mortar well (GP-16)	275	146	125.7-135.7 140.8-150.8 227.7-237.7
MW-84b	Bourne far field well (2 nd boring)	200	161	140-150 190-200
MW-68	Gun and Mortar well (MP-1)	245	157	84-94 106-116
bgs = below ground surface bwt = below water table				

Samples collected during the reporting period are summarized in Table 2. Groundwater sampling continued for round 3 of the Phase I monitoring wells. Groundwater profile samples were collected from MW-65 and MW-69; locations and drilling status for these wells are indicated in Table 1.

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

- A 2-page handout of the proposed schedule of work was provided showing the number of samples to be collected and the laboratory's capacity. The Guard stated that these estimates do not include any samples that Jacobs Engineering may send to the lab from the CS-19 investigation.
- A 9-page handout of the remaining notes and photographs from the recent field reconnaissance was distributed. EPA noted that the description of the former buildings on Pew Road stated that the buildings were located on the west side of the road when actually they are on the east side of the road. Ogden and the Guard agreed that they are located on the east side of Pew Road.
- A proposed change to the grid dimension for targets was discussed. The Guard is concerned that if the standard 22' X 22' grid is used on some of the smaller targets then there will be overlap between grids and duplicate sample locations. The EPA requested that the Guard provide a proposal on grid dimensions, and indicated they are amenable to a modification of the current grid arrangement if several alternatives are offered.

- A 3-page handout of proposed Guard responses to the EPA's comments to the draft Phase IIa Sampling Plan for Gun and Mortar Positions was distributed for discussion.

General Comments:

1. The EPA requested that a list of all positions currently utilized for training be provided. The Guard will provide this information.

Specific Comments:

1. The EPA requested that the statement "the Phase I results indicate that there is no evidence of munitions related contaminants at mortar positions" be changed to "The limited Phase I investigation did not find evidence of munitions related contaminants at mortar positions". The Guard stated that this is a quote from an existing report and therefore cannot be changed. The Guard will add a sentence indicating the limited nature of the investigation.

2. The EPA requested that the reference to a finding of no imminent threat to human health. The Guard stated that they would review the reference and comment.

3. The EPA is concerned that training activities at GP-16 may have disturbed the soil. The Guard will determine what activities have occurred at GP-16. Ogden proposed to change the depth of sampling to those of the Phase I soil sampling. EPA will evaluate the proposal of changing the sampling depth.

4. The EPA stated that Table 1 does not contain the former F Range or the R Range. The Guard stated that the former F Range will be included as part of the Phase IIb Workplan and that the R Range was included as part of the IBC Range. EPA believes that the R Range is adjacent to the IBC but need to review this.

7. EPA stated that GP-18 and MP-3 are listed in Table 1 but are not located in any of the figures. The Guard indicated that these were sampled in Phase 1 and were not proposed for further sampling at this time.

- A 2-page letter dated 9/15/99 was provided with the Guard's response to EPA's 9/19/99 letter regarding the J Ranges and DU survey. The EPA requested the Oak Ridge response to comments on the DU report before they could comment further. EPA requested that they meet with the Guard next week to discuss the Guard requesting data from R&D contractors.
- Format for future IART maps was discussed. The Guard agreed to modify the detection maps so that cumulative data are provided. Any detection at any time during the sampling program will be shown on the maps and attached tables.
- Format for future progress reports was discussed. It was agreed that the weekly report format should not be changed. Maps will be added to the monthly progress report showing groundwater concentrations that exceed an MCL or HA, grouped by analyte type. These will be cumulative maps, not maps showing only the current conditions. Therefore, the only difference from the public meeting maps will be that the monthly maps will show exceedances of drinking water standards, while the meeting maps will show all detections.
- The status of the particle track for Sandwich wells was discussed. Ogden stated that the ZOCs were received from USGS but that there was a problem with them. Ogden will request USGS revise the

format and they will be sent by Fed Ex to EPA and DEP. EPA asked on the status of the particle tracks for the J-3 wetland. Ogden stated that they have not been done yet.

- EPA stated that the one far field well for the J well was acceptable and that it should be located as close to the property boundary as possible, south of the bypass, and near the center of the ZOC. The boring must be drilled to bedrock. EPA stated that they will get a letter to the Guard with this approval pending receipt of a revised map showing the location. The Guard will provide a map with the new location.
- EPA requested the reason that the Bourne far field well proposal only had the boring down to a depth of 150 feet below the water table. Ogden stated that it was because the ZOC for the supply wells was shallow.
- EPA stated that there would be no additional comments on the J Ranges work plan. The August 21 letter and August 24 meeting included all of EPA's comments.
- EPA requested that the Guard add wells 95-6E, 95-6A, and 95-15A to the sampling program. EPA provided a 2-page handout showing approximate screen depths for these wells. It was requested that parameters include all Phase I analytes, for at least one sampling round.
- EPA requested that USGS prepare a new particle track for Demo 1 (MW-19) using the subregional model.
- EPA requested that a response plan for the apparent J-3 Range contamination be provided within 4 weeks.
- EPA requested that the additional far field wells for LRWS 3 be added back to the investigation.

2. SUMMARY OF DATA RECEIVED

Preliminary non-validated detections of explosive and volatile organic compounds (VOCs) are summarized in Table 3 for samples collected during the preceding three-week period. The status of the explosive detections with respect to confirmation using Photo Diode Array (PDA) spectra is also indicated in this table. Where the PDA status is "YES" in Table 3, the detected compound has been confirmed to be present in the sample. Where the status is "NO", the identification of an explosive has been confirmed 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.

Some of the detections in Table 3 were discussed in last week's progress report. The range of sample dates included in Table 3 overlaps from week-to-week due to the method of reporting and extracting these data. New detections in Table 3 that were not discussed in last week's report include:

- Groundwater sampling from MW-19S had detections of RDX, HMX, TNT, 2-amino-4,6-dinitrotoluene, and 4-amino-2,6-dinitrotoluene, which were confirmed with the PDA spectra.
- Profile samples from MW-65 (GP-14) had detections of acetone (6 intervals), chloroform (15 intervals), toluene (2 intervals), 2,6 dinitrotoluene (2 intervals), 3-nitrotoluene (2 intervals), RDX (2 intervals), nitroglycerin (2 intervals), and picric acid (1 interval). PDA spectra only confirmed the 2,6-dinitrotoluene detections.

- Profile samples from MW-69 (MP-3) had detections of 2-hexanone (2 intervals), acetone (4 intervals), MEK (4 intervals), chloroform (2 intervals), chloromethane (3 intervals), and toluene (1 interval).

3. DELIVERABLES SUBMITTED

No deliverables were submitted during this reporting period.

4. SCHEDULED ACTIONS

Scheduled actions for the week of September 13 include completion of drilling at MW-65 (GP-14) and MW-69 (MP-3); commence drilling of MW-67 (GP-20); development and sampling of newly installed wells; and continued ground water sampling of round 3 of the Phase I monitoring wells.

TABLE 2
 SAMPLING PROGRESS
 9/13-9/17

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G65DAT	FIELDQC	9/14/1999	FIELDQC	0.00	0.00		
G65DCE	FIELDQC	9/14/1999	FIELDQC	0.00	0.00		
G65DFE	FIELDQC	9/15/1999	FIELDQC	0.00	0.00		
G65DFT	FIELDQC	9/15/1999	FIELDQC	0.00	0.00		
G65DJE	FIELDQC	9/16/1999	FIELDQC	0.00	0.00		
G65DJT	FIELDQC	9/16/1999	FIELDQC	0.00	0.00		
G65DOE	FIELDQC	9/17/1999	FIELDQC	0.00	0.00		
G65DOT	FIELDQC	9/17/1999	FIELDQC	0.00	0.00		
G69DAE	FIELDQC	9/17/1999	FIELDQC	0.00	0.00		
G69DAT	FIELDQC	9/17/1999	FIELDQC	0.00	0.00		
W23M1T	FIELDQC	9/13/1999	FIELDQC	0.00	0.00		
ECMWSNP02D	ECMWSNP02D	9/13/1999	GROUNDWATER			79.90	84.90
ECMWSNP02S	ECMWSNP02S	9/13/1999	GROUNDWATER			40.00	45.00
W10DDA	MW-10	9/15/1999	GROUNDWATER			177.00	187.00
W10MMA	MW-10	9/15/1999	GROUNDWATER			135.00	140.00
W10SSA	MW-10	9/16/1999	GROUNDWATER			0.00	10.00
W11SSA	MW-11	9/13/1999	GROUNDWATER			0.00	10.00
W19DDA	MW-19	9/15/1999	GROUNDWATER			251.00	256.00
W19SSA	MW-19	9/16/1999	GROUNDWATER			0.00	10.00
W19SSD	MW-19	9/16/1999	GROUNDWATER			0.00	10.00
W23DDA	MW-23	9/14/1999	GROUNDWATER			146.00	156.00
W23M1A	MW-23	9/13/1999	GROUNDWATER			99.00	109.00
W23M2A	MW-23	9/13/1999	GROUNDWATER			63.00	73.00
W23M3A	MW-23	9/14/1999	GROUNDWATER			153.00	163.00
W23SSA	MW-23	9/14/1999	GROUNDWATER			0.00	10.00
W24SSA	MW-24	9/14/1999	GROUNDWATER			0.00	10.00
W25SSA	MW-25	9/14/1999	GROUNDWATER			0.00	10.00
W26SSA	MW-26	9/17/1999	GROUNDWATER			0.00	10.00
W27SSA	MW-27	9/17/1999	GROUNDWATER			0.00	10.00
W28SSA	MW-28	9/17/1999	GROUNDWATER			0.00	10.00
W29SSA	MW-29	9/17/1999	GROUNDWATER			0.00	10.00
W30SSA	MW-30	9/15/1999	GROUNDWATER			0.00	10.00
W31DDA	MW-31	9/15/1999	GROUNDWATER			49.00	54.00
W31MMA	MW-31	9/15/1999	GROUNDWATER			29.39	39.00
W31SSA	MW-31	9/15/1999	GROUNDWATER			14.00	19.00
W32DDA	MW-32	9/16/1999	GROUNDWATER			85.50	90.50
W32MMA	MW-32	9/16/1999	GROUNDWATER			65.50	75.50
W32SSA	MW-32	9/16/1999	GROUNDWATER			50.50	55.50
W33DDA	MW-33	9/16/1999	GROUNDWATER			85.50	90.50
W33MMA	MW-33	9/16/1999	GROUNDWATER			65.50	75.50
W33SSA	MW-33	9/16/1999	GROUNDWATER			50.50	55.50
W60SSA	MW-60	9/17/1999	GROUNDWATER			0.00	10.00
W61SSA	MW-61	9/17/1999	GROUNDWATER			0.00	10.00
W73SSA	MW-73	9/16/1999	GROUNDWATER			0.00	10.00
DW6514	GAC WATER	9/14/1999	IDW	0.00	0.00		
DW6515	GAC WATER	9/15/1999	IDW	0.00	0.00		
DW6516	GAC WATER	9/16/1999	IDW	0.00	0.00		
DW6517	GAC WATER	9/17/1999	IDW	0.00	0.00		

Profiling methods include: Volatiles and Explosives

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
 9/13-9/17

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
DW8013	GAC WATER	9/13/1999	IDW	0.00	0.00		
DW8014	GAC WATER	9/14/1999	IDW	0.00	0.00		
DW8317	GAC WATER	9/17/1999	IDW	0.00	0.00		
GAC11	GAC WATER	9/13/1999	IDW	0.00	0.00		
G65DAA	MW-65	9/14/1999	PROFILE	124.00	129.00	-5.00	0.00
G65DBA	MW-65	9/14/1999	PROFILE	130.00	135.00	1.00	6.00
G65DCA	MW-65	9/14/1999	PROFILE	140.00	145.00	11.00	16.00
G65DDA	MW-65	9/14/1999	PROFILE	150.00	155.00	21.00	26.00
G65DEA	MW-65	9/14/1999	PROFILE	160.00	165.00	31.00	36.00
G65DFA	MW-65	9/15/1999	PROFILE	170.00	175.00	41.00	46.00
G65DFD	MW-65	9/15/1999	PROFILE	170.00	175.00	41.00	46.00
G65DGA	MW-65	9/15/1999	PROFILE	180.00	185.00	51.00	56.00
G65DIA	MW-65	9/15/1999	PROFILE	200.00	205.00	71.00	76.00
G65DJA	MW-65	9/16/1999	PROFILE	210.00	215.00	81.00	86.00
G65DKA	MW-65	9/16/1999	PROFILE	220.00	225.00	91.00	96.00
G65DKD	MW-65	9/16/1999	PROFILE	220.00	225.00	91.00	96.00
G65DLA	MW-65	9/16/1999	PROFILE	230.00	235.00	101.00	106.00
G65DMA	MW-65	9/16/1999	PROFILE	240.00	245.00	111.00	116.00
G65DNA	MW-65	9/16/1999	PROFILE	250.00	255.00	121.00	126.00
G65DOA	MW-65	9/17/1999	PROFILE	260.00	265.00	131.00	136.00
G65DPA	MW-65	9/17/1999	PROFILE	270.00	275.00	141.00	146.00
G69DAA	MW-69	9/17/1999	PROFILE	120.00	120.00	7.00	7.00
G69DBA	MW-69	9/17/1999	PROFILE	130.00	130.00	17.00	17.00
G69DCA	MW-69	9/17/1999	PROFILE	140.00	140.00	27.00	27.00
G69DDA	MW-69	9/17/1999	PROFILE	150.00	150.00	37.00	37.00

Profiling methods include: Volatiles and Explosives

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 8/30/99-9/17/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G64DME	FIELDQC	9/7/1999	FIELDQC	0.00	0.00			8330N	NITROGLYCERIN	NO
G66DAE	FIELDQC	9/7/1999	FIELDQC	0.00	0.00			8330N	NITROGLYCERIN	NO
W01M2A	MW-1	9/7/1999	GROUNDWATER			40.00	45.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W01SSA	MW-1	9/7/1999	GROUNDWATER			0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W01SSA	MW-1	9/7/1999	GROUNDWATER			0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W02M2A	MW-2	9/3/1999	GROUNDWATER			31.00	36.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W19SSA	MW-19	9/10/1999	GROUNDWATER			0.00	10.00	8330N	2,4,6-TRINITROTOLUENE	YES
W19SSA	MW-19	9/10/1999	GROUNDWATER			0.00	10.00	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W19SSA	MW-19	9/10/1999	GROUNDWATER			0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W19SSA	MW-19	9/10/1999	GROUNDWATER			0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W19SSA	MW-19	9/10/1999	GROUNDWATER			0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W53DDA	MW-53	8/30/1999	GROUNDWATER			157.00	167.00	8330N	NITROGLYCERIN	NO
W59SSA	MW-59	9/1/1999	GROUNDWATER			0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W59SSA	MW-59	9/1/1999	GROUNDWATER			0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
DW6307	GAC WATER	9/7/1999	IDW	0.00	0.00			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G62DAA	MW-62	8/30/1999	PROFILE	135.00	135.00	7.10	7.10	8330N	2-NITROTOLUENE	NO
G62DAA	MW-62	8/30/1999	PROFILE	135.00	135.00	7.10	7.10	8330N	3-NITROTOLUENE	NO
G62DAA	MW-62	8/30/1999	PROFILE	135.00	135.00	7.10	7.10	8330N	4-NITROTOLUENE	NO
G62DAA	MW-62	8/30/1999	PROFILE	135.00	135.00	7.10	7.10	8330N	NITROGLYCERIN	NO
G62DAA	MW-62	8/30/1999	PROFILE	135.00	135.00	7.10	7.10	8330N	PICRIC ACID	NO
G62DBA	MW-62	8/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	2,6-DINITROTOLUENE	NO
G62DBA	MW-62	8/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	2-NITROTOLUENE	NO
G62DBA	MW-62	8/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	3-NITROTOLUENE	NO
G62DBA	MW-62	8/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	4-NITROTOLUENE	NO
G62DBA	MW-62	8/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	NITROGLYCERIN	NO
G62DBA	MW-62	8/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	PENTAERYTHRITOL TETRANITR	NO
G62DBA	MW-62	8/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	PICRIC ACID	NO
G62DBD	MW-62	8/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	2,6-DINITROTOLUENE	NO
G62DBD	MW-62	8/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	2-NITROTOLUENE	NO
G62DBD	MW-62	8/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	3-NITROTOLUENE	NO
G62DBD	MW-62	8/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	4-NITROTOLUENE	NO
G62DBD	MW-62	8/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	NITROGLYCERIN	NO
G62DBD	MW-62	8/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	PICRIC ACID	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

TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 8/30/99-9/17/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G62DCA	MW-62	8/31/1999	PROFILE	150.00	150.00	22.10	22.10	8330N	1,3,5-TRINITROBENZENE	NO
G62DCA	MW-62	8/31/1999	PROFILE	150.00	150.00	22.10	22.10	8330N	1,3-DINITROBENZENE	NO
G62DCA	MW-62	8/31/1999	PROFILE	150.00	150.00	22.10	22.10	8330N	2-NITROTOLUENE	NO
G62DCA	MW-62	8/31/1999	PROFILE	150.00	150.00	22.10	22.10	8330N	3-NITROTOLUENE	NO
G62DCA	MW-62	8/31/1999	PROFILE	150.00	150.00	22.10	22.10	8330N	4-NITROTOLUENE	NO
G62DCA	MW-62	8/31/1999	PROFILE	150.00	150.00	22.10	22.10	8330N	NITROGLYCERIN	NO
G62DCA	MW-62	8/31/1999	PROFILE	150.00	150.00	22.10	22.10	8330N	PICRIC ACID	NO
G62DDA	MW-62	8/31/1999	PROFILE	160.00	160.00	32.10	32.10	8330N	2-NITROTOLUENE	NO
G62DDA	MW-62	8/31/1999	PROFILE	160.00	160.00	32.10	32.10	8330N	3-NITROTOLUENE	NO
G62DDA	MW-62	8/31/1999	PROFILE	160.00	160.00	32.10	32.10	8330N	4-NITROTOLUENE	NO
G62DDA	MW-62	8/31/1999	PROFILE	160.00	160.00	32.10	32.10	8330N	NITROGLYCERIN	NO
G62DDA	MW-62	8/31/1999	PROFILE	160.00	160.00	32.10	32.10	8330N	PICRIC ACID	NO
G62DEA	MW-62	8/31/1999	PROFILE	170.00	170.00	42.10	42.10	8330N	NITROGLYCERIN	NO
G62DEA	MW-62	8/31/1999	PROFILE	170.00	170.00	42.10	42.10	8330N	PICRIC ACID	NO
G62DFA	MW-62	8/31/1999	PROFILE	180.00	180.00	52.10	52.10	8330N	2-NITROTOLUENE	NO
G62DFA	MW-62	8/31/1999	PROFILE	180.00	180.00	52.10	52.10	8330N	3-NITROTOLUENE	NO
G62DFA	MW-62	8/31/1999	PROFILE	180.00	180.00	52.10	52.10	8330N	4-NITROTOLUENE	NO
G62DFA	MW-62	8/31/1999	PROFILE	180.00	180.00	52.10	52.10	8330N	NITROGLYCERIN	NO
G62DFA	MW-62	8/31/1999	PROFILE	180.00	180.00	52.10	52.10	8330N	PICRIC ACID	NO
G62DGA	MW-62	8/31/1999	PROFILE	190.00	190.00	62.10	62.10	8330N	2-NITROTOLUENE	NO
G62DGA	MW-62	8/31/1999	PROFILE	190.00	190.00	62.10	62.10	8330N	3-NITROTOLUENE	NO
G62DGA	MW-62	8/31/1999	PROFILE	190.00	190.00	62.10	62.10	8330N	PENTAERYTHRITOL TETRANITR	NO
G62DGA	MW-62	8/31/1999	PROFILE	190.00	190.00	62.10	62.10	8330N	PICRIC ACID	NO
G62DIA	MW-62	9/1/1999	PROFILE	210.00	210.00	82.10	82.10	8330N	PICRIC ACID	NO
G62DJA	MW-62	9/1/1999	PROFILE	220.00	220.00	92.10	92.10	8330N	NITROGLYCERIN	NO
G64DAA	MW-64	8/31/1999	PROFILE	92.00	95.00	0.24	3.24	8330N	3-NITROTOLUENE	NO
G64DAA	MW-64	8/31/1999	PROFILE	92.00	95.00	0.24	3.24	8330N	NITROGLYCERIN	NO
G64DAA	MW-64	8/31/1999	PROFILE	92.00	95.00	0.24	3.24	8330N	PICRIC ACID	NO
G64DAA	MW-64	8/31/1999	PROFILE	92.00	95.00	0.24	3.24	OC21V	ACETONE	
G64DBA	MW-64	8/31/1999	PROFILE	100.00	105.00	8.24	13.24	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G64DBA	MW-64	8/31/1999	PROFILE	100.00	105.00	8.24	13.24	8330N	NITROGLYCERIN	NO
G64DBA	MW-64	8/31/1999	PROFILE	100.00	105.00	8.24	13.24	8330N	PICRIC ACID	NO
G64DBA	MW-64	8/31/1999	PROFILE	100.00	105.00	8.24	13.24	OC21V	ACETONE	

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TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 8/30/99-9/17/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G64DDA	MW-64	9/1/1999	PROFILE	120.00	125.00	28.24	33.24	OC21V	CHLOROFORM	
G64DEA	MW-64	9/1/1999	PROFILE	130.00	135.00	38.24	43.24	OC21V	CHLOROFORM	
G64DFA	MW-64	9/1/1999	PROFILE	140.00	145.00	48.24	53.24	OC21V	CHLOROFORM	
G64DGA	MW-64	9/1/1999	PROFILE	150.00	155.00	58.24	63.24	OC21V	CHLOROFORM	
G64DHA	MW-64	9/1/1999	PROFILE	160.00	165.00	68.24	73.24	OC21V	CHLOROFORM	
G64DIA	MW-64	9/1/1999	PROFILE	170.00	175.00	78.24	83.24	OC21V	CHLOROFORM	
G64DJA	MW-64	9/2/1999	PROFILE	180.00	185.00	88.24	93.24	OC21V	CHLOROFORM	
G64DJA	MW-64	9/2/1999	PROFILE	180.00	185.00	88.24	93.24	OC21V	METHYL ETHYL KETONE (2-BUT,	
G64DKA	MW-64	9/2/1999	PROFILE	190.00	195.00	98.24	103.24	OC21V	ACETONE	
G64DKA	MW-64	9/2/1999	PROFILE	190.00	195.00	98.24	103.24	OC21V	CHLOROFORM	
G64DLA	MW-64	9/2/1999	PROFILE	200.00	205.00	108.24	113.24	OC21V	ACETONE	
G64DLA	MW-64	9/2/1999	PROFILE	200.00	205.00	108.24	113.24	OC21V	CHLOROFORM	
G64DMA	MW-64	9/7/1999	PROFILE	210.00	215.00	118.24	123.24	OC21V	CHLOROFORM	
G64DNA	MW-64	9/7/1999	PROFILE	220.00	225.00	128.24	133.24	OC21V	CHLOROFORM	
G65DAA	MW-65	9/14/1999	PROFILE	124.00	129.00	-5.00	0.00	8330N	2,6-DINITROTOLUENE	YES
G65DAA	MW-65	9/14/1999	PROFILE	124.00	129.00	-5.00	0.00	8330N	3-NITROTOLUENE	NO
G65DAA	MW-65	9/14/1999	PROFILE	124.00	129.00	-5.00	0.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G65DAA	MW-65	9/14/1999	PROFILE	124.00	129.00	-5.00	0.00	8330N	NITROGLYCERIN	NO
G65DAA	MW-65	9/14/1999	PROFILE	124.00	129.00	-5.00	0.00	8330N	PICRIC ACID	NO
G65DAA	MW-65	9/14/1999	PROFILE	124.00	129.00	-5.00	0.00	OC21V	ACETONE	
G65DAA	MW-65	9/14/1999	PROFILE	124.00	129.00	-5.00	0.00	OC21V	CHLOROFORM	
G65DAA	MW-65	9/14/1999	PROFILE	124.00	129.00	-5.00	0.00	OC21V	TOLUENE	
G65DBA	MW-65	9/14/1999	PROFILE	130.00	135.00	1.00	6.00	8330N	2,6-DINITROTOLUENE	YES
G65DBA	MW-65	9/14/1999	PROFILE	130.00	135.00	1.00	6.00	8330N	3-NITROTOLUENE	NO
G65DBA	MW-65	9/14/1999	PROFILE	130.00	135.00	1.00	6.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G65DBA	MW-65	9/14/1999	PROFILE	130.00	135.00	1.00	6.00	8330N	NITROGLYCERIN	NO
G65DBA	MW-65	9/14/1999	PROFILE	130.00	135.00	1.00	6.00	OC21V	ACETONE	
G65DBA	MW-65	9/14/1999	PROFILE	130.00	135.00	1.00	6.00	OC21V	CHLOROFORM	
G65DCA	MW-65	9/14/1999	PROFILE	140.00	145.00	11.00	16.00	OC21V	CHLOROFORM	
G65DDA	MW-65	9/14/1999	PROFILE	150.00	155.00	21.00	26.00	OC21V	CHLOROFORM	
G65DEA	MW-65	9/14/1999	PROFILE	160.00	165.00	31.00	36.00	OC21V	CHLOROFORM	
G65DFA	MW-65	9/15/1999	PROFILE	170.00	175.00	41.00	46.00	OC21V	CHLOROFORM	
G65DGA	MW-65	9/15/1999	PROFILE	180.00	185.00	51.00	56.00	OC21V	ACETONE	

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TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 8/30/99-9/17/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G65DGA	MW-65	9/15/1999	PROFILE	180.00	185.00	51.00	56.00	OC21V	CHLOROFORM	
G65DIA	MW-65	9/15/1999	PROFILE	200.00	205.00	71.00	76.00	OC21V	ACETONE	
G65DIA	MW-65	9/15/1999	PROFILE	200.00	205.00	71.00	76.00	OC21V	CHLOROFORM	
G65DJA	MW-65	9/16/1999	PROFILE	210.00	215.00	81.00	86.00	OC21V	CHLOROFORM	
G65DKA	MW-65	9/16/1999	PROFILE	220.00	225.00	91.00	96.00	OC21V	ACETONE	
G65DKA	MW-65	9/16/1999	PROFILE	220.00	225.00	91.00	96.00	OC21V	CHLOROFORM	
G65DLA	MW-65	9/16/1999	PROFILE	230.00	235.00	101.00	106.00	OC21V	CHLOROFORM	
G65DMA	MW-65	9/16/1999	PROFILE	240.00	245.00	111.00	116.00	OC21V	CHLOROFORM	
G65DNA	MW-65	9/16/1999	PROFILE	250.00	255.00	121.00	126.00	OC21V	CHLOROFORM	
G65DOA	MW-65	9/17/1999	PROFILE	260.00	265.00	131.00	136.00	OC21V	ACETONE	
G65DOA	MW-65	9/17/1999	PROFILE	260.00	265.00	131.00	136.00	OC21V	CHLOROFORM	
G65DOA	MW-65	9/17/1999	PROFILE	260.00	265.00	131.00	136.00	OC21V	TOLUENE	
G65DPA	MW-65	9/17/1999	PROFILE	270.00	275.00	141.00	146.00	OC21V	CHLOROFORM	
G66DAA	MW-66	9/7/1999	PROFILE	135.00	135.00	6.00	6.00	8330N	2,6-DINITROTOLUENE	YES
G66DAA	MW-66	9/7/1999	PROFILE	135.00	135.00	6.00	6.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G66DAA	MW-66	9/7/1999	PROFILE	135.00	135.00	6.00	6.00	8330N	3-NITROTOLUENE	NO
G66DAA	MW-66	9/7/1999	PROFILE	135.00	135.00	6.00	6.00	8330N	4-NITROTOLUENE	NO
G66DAA	MW-66	9/7/1999	PROFILE	135.00	135.00	6.00	6.00	8330N	NITROGLYCERIN	NO
G66DAA	MW-66	9/7/1999	PROFILE	135.00	135.00	6.00	6.00	8330N	PICRIC ACID	NO
G66DAA	MW-66	9/7/1999	PROFILE	135.00	135.00	6.00	6.00	OC21V	ACETONE	
G66DAA	MW-66	9/7/1999	PROFILE	135.00	135.00	6.00	6.00	OC21V	CHLOROFORM	
G66DAA	MW-66	9/7/1999	PROFILE	135.00	135.00	6.00	6.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G66DBA	MW-66	9/7/1999	PROFILE	145.00	145.00	16.00	16.00	8330N	2,6-DINITROTOLUENE	YES
G66DBA	MW-66	9/7/1999	PROFILE	145.00	145.00	16.00	16.00	8330N	3-NITROTOLUENE	NO
G66DBA	MW-66	9/7/1999	PROFILE	145.00	145.00	16.00	16.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G66DBA	MW-66	9/7/1999	PROFILE	145.00	145.00	16.00	16.00	8330N	4-NITROTOLUENE	NO
G66DBA	MW-66	9/7/1999	PROFILE	145.00	145.00	16.00	16.00	8330N	NITROGLYCERIN	NO
G66DBA	MW-66	9/7/1999	PROFILE	145.00	145.00	16.00	16.00	8330N	PICRIC ACID	NO
G66DBA	MW-66	9/7/1999	PROFILE	145.00	145.00	16.00	16.00	OC21V	ACETONE	
G66DBA	MW-66	9/7/1999	PROFILE	145.00	145.00	16.00	16.00	OC21V	CHLOROFORM	
G66DBA	MW-66	9/7/1999	PROFILE	145.00	145.00	16.00	16.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G66DCA	MW-66	9/7/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	2,6-DINITROTOLUENE	YES
G66DCA	MW-66	9/7/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	3-NITROTOLUENE	NO

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TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 8/30/99-9/17/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G66DCA	MW-66	9/7/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	4-NITROTOLUENE	NO
G66DCA	MW-66	9/7/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	NITROGLYCERIN	NO
G66DCA	MW-66	9/7/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G66DCA	MW-66	9/7/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	PICRIC ACID	NO
G66DCA	MW-66	9/7/1999	PROFILE	155.00	155.00	26.00	26.00	OC21V	ACETONE	
G66DCD	MW-66	9/7/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	3-NITROTOLUENE	NO
G66DCD	MW-66	9/7/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	NITROGLYCERIN	NO
G66DCD	MW-66	9/7/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G66DCD	MW-66	9/7/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	PICRIC ACID	NO
G66DDA	MW-66	9/7/1999	PROFILE	165.00	165.00	36.00	36.00	8330N	3-NITROTOLUENE	NO
G66DDA	MW-66	9/7/1999	PROFILE	165.00	165.00	36.00	36.00	8330N	NITROGLYCERIN	NO
G66DDA	MW-66	9/7/1999	PROFILE	165.00	165.00	36.00	36.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G66DDA	MW-66	9/7/1999	PROFILE	165.00	165.00	36.00	36.00	8330N	PICRIC ACID	NO
G66DDA	MW-66	9/7/1999	PROFILE	165.00	165.00	36.00	36.00	OC21V	ACETONE	
G66DDA	MW-66	9/7/1999	PROFILE	165.00	165.00	36.00	36.00	OC21V	METHYL ETHYL KETONE (2-BUT,	
G66DEA	MW-66	9/7/1999	PROFILE	175.00	175.00	46.00	46.00	8330N	NITROGLYCERIN	NO
G66DEA	MW-66	9/7/1999	PROFILE	175.00	175.00	46.00	46.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G66DEA	MW-66	9/7/1999	PROFILE	175.00	175.00	46.00	46.00	8330N	PICRIC ACID	NO
G66DEA	MW-66	9/7/1999	PROFILE	175.00	175.00	46.00	46.00	OC21V	CHLOROFORM	
G66DFA	MW-66	9/8/1999	PROFILE	185.00	185.00	56.00	56.00	8330N	3-NITROTOLUENE	NO
G66DFA	MW-66	9/8/1999	PROFILE	185.00	185.00	56.00	56.00	8330N	4-NITROTOLUENE	NO
G66DFA	MW-66	9/8/1999	PROFILE	185.00	185.00	56.00	56.00	8330N	NITROGLYCERIN	NO
G66DFA	MW-66	9/8/1999	PROFILE	185.00	185.00	56.00	56.00	8330N	PICRIC ACID	NO
G66DFA	MW-66	9/8/1999	PROFILE	185.00	185.00	56.00	56.00	OC21V	ACETONE	
G66DFA	MW-66	9/8/1999	PROFILE	185.00	185.00	56.00	56.00	OC21V	CHLOROFORM	
G66DFA	MW-66	9/8/1999	PROFILE	185.00	185.00	56.00	56.00	OC21V	METHYL ETHYL KETONE (2-BUT,	
G66DGA	MW-66	9/8/1999	PROFILE	195.00	195.00	66.00	66.00	8330N	3-NITROTOLUENE	NO
G66DGA	MW-66	9/8/1999	PROFILE	195.00	195.00	66.00	66.00	8330N	NITROGLYCERIN	NO
G66DGA	MW-66	9/8/1999	PROFILE	195.00	195.00	66.00	66.00	8330N	PICRIC ACID	NO
G66DGA	MW-66	9/8/1999	PROFILE	195.00	195.00	66.00	66.00	OC21V	ACETONE	
G66DGA	MW-66	9/8/1999	PROFILE	195.00	195.00	66.00	66.00	OC21V	METHYL ETHYL KETONE (2-BUT,	
G66DHA	MW-66	9/9/1999	PROFILE	205.00	205.00	76.00	76.00	8330N	3-NITROTOLUENE	NO
G66DHA	MW-66	9/9/1999	PROFILE	205.00	205.00	76.00	76.00	8330N	NITROGLYCERIN	NO

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SAMPLES COLLECTED 8/30/99-9/17/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G66DHA	MW-66	9/9/1999	PROFILE	205.00	205.00	76.00	76.00	8330N	PICRIC ACID	NO
G66DHA	MW-66	9/9/1999	PROFILE	205.00	205.00	76.00	76.00	OC21V	ACETONE	
G66DHA	MW-66	9/9/1999	PROFILE	205.00	205.00	76.00	76.00	OC21V	CHLOROFORM	
G66DIA	MW-66	9/9/1999	PROFILE	215.00	215.00	86.00	86.00	8330N	3-NITROTOLUENE	NO
G66DIA	MW-66	9/9/1999	PROFILE	215.00	215.00	86.00	86.00	8330N	4-NITROTOLUENE	NO
G66DIA	MW-66	9/9/1999	PROFILE	215.00	215.00	86.00	86.00	8330N	PICRIC ACID	NO
G66DIA	MW-66	9/9/1999	PROFILE	215.00	215.00	86.00	86.00	OC21V	ACETONE	
G66DIA	MW-66	9/9/1999	PROFILE	215.00	215.00	86.00	86.00	OC21V	CHLOROFORM	
G66DIA	MW-66	9/9/1999	PROFILE	215.00	215.00	86.00	86.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G66DJA	MW-66	9/9/1999	PROFILE	225.00	225.00	96.00	96.00	8330N	3-NITROTOLUENE	NO
G66DJA	MW-66	9/9/1999	PROFILE	225.00	225.00	96.00	96.00	8330N	NITROGLYCERIN	NO
G66DJA	MW-66	9/9/1999	PROFILE	225.00	225.00	96.00	96.00	8330N	PICRIC ACID	NO
G66DJA	MW-66	9/9/1999	PROFILE	225.00	225.00	96.00	96.00	OC21V	ACETONE	
G66DJA	MW-66	9/9/1999	PROFILE	225.00	225.00	96.00	96.00	OC21V	CHLOROFORM	
G66DJA	MW-66	9/9/1999	PROFILE	225.00	225.00	96.00	96.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G66DKA	MW-66	9/9/1999	PROFILE	235.00	235.00	106.00	106.00	8330N	2,6-DINITROTOLUENE	YES
G66DKA	MW-66	9/9/1999	PROFILE	235.00	235.00	106.00	106.00	8330N	3-NITROTOLUENE	NO
G66DKA	MW-66	9/9/1999	PROFILE	235.00	235.00	106.00	106.00	8330N	4-NITROTOLUENE	NO
G66DKA	MW-66	9/9/1999	PROFILE	235.00	235.00	106.00	106.00	8330N	NITROGLYCERIN	NO
G66DKA	MW-66	9/9/1999	PROFILE	235.00	235.00	106.00	106.00	8330N	PICRIC ACID	NO
G66DKA	MW-66	9/9/1999	PROFILE	235.00	235.00	106.00	106.00	OC21V	ACETONE	
G66DKA	MW-66	9/9/1999	PROFILE	235.00	235.00	106.00	106.00	OC21V	CHLOROFORM	
G66DKA	MW-66	9/9/1999	PROFILE	235.00	235.00	106.00	106.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G66DLA	MW-66	9/9/1999	PROFILE	245.00	245.00	116.00	116.00	8330N	3-NITROTOLUENE	NO
G66DLA	MW-66	9/9/1999	PROFILE	245.00	245.00	116.00	116.00	8330N	NITROBENZENE	NO
G66DLA	MW-66	9/9/1999	PROFILE	245.00	245.00	116.00	116.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G66DLA	MW-66	9/9/1999	PROFILE	245.00	245.00	116.00	116.00	8330N	PICRIC ACID	NO
G66DLA	MW-66	9/9/1999	PROFILE	245.00	245.00	116.00	116.00	OC21V	ACETONE	
G66DLA	MW-66	9/9/1999	PROFILE	245.00	245.00	116.00	116.00	OC21V	CHLOROFORM	
G66DMA	MW-66	9/9/1999	PROFILE	255.00	255.00	126.00	126.00	8330N	3-NITROTOLUENE	NO
G66DMA	MW-66	9/9/1999	PROFILE	255.00	255.00	126.00	126.00	8330N	4-NITROTOLUENE	NO
G66DMA	MW-66	9/9/1999	PROFILE	255.00	255.00	126.00	126.00	8330N	NITROGLYCERIN	NO
G66DMA	MW-66	9/9/1999	PROFILE	255.00	255.00	126.00	126.00	8330N	PICRIC ACID	NO

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SAMPLES COLLECTED 8/30/99-9/17/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G66DMA	MW-66	9/9/1999	PROFILE	255.00	255.00	126.00	126.00	OC21V	ACETONE	
G66DMA	MW-66	9/9/1999	PROFILE	255.00	255.00	126.00	126.00	OC21V	CHLOROFORM	
G66DMA	MW-66	9/9/1999	PROFILE	255.00	255.00	126.00	126.00	OC21V	METHYL ETHYL KETONE (2-BUT,	
G66DNA	MW-66	9/10/1999	PROFILE	265.00	265.00	136.00	136.00	8330N	3-NITROTOLUENE	NO
G66DNA	MW-66	9/10/1999	PROFILE	265.00	265.00	136.00	136.00	8330N	NITROGLYCERIN	NO
G66DNA	MW-66	9/10/1999	PROFILE	265.00	265.00	136.00	136.00	8330N	PICRIC ACID	NO
G66DNA	MW-66	9/10/1999	PROFILE	265.00	265.00	136.00	136.00	OC21V	ACETONE	
G66DNA	MW-66	9/10/1999	PROFILE	265.00	265.00	136.00	136.00	OC21V	CHLOROFORM	
G66DOA	MW-66	9/10/1999	PROFILE	275.00	275.00	146.00	146.00	8330N	NITROGLYCERIN	NO
G66DOA	MW-66	9/10/1999	PROFILE	275.00	275.00	146.00	146.00	8330N	PICRIC ACID	NO
G66DOA	MW-66	9/10/1999	PROFILE	275.00	275.00	146.00	146.00	OC21V	ACETONE	
G66DOA	MW-66	9/10/1999	PROFILE	275.00	275.00	146.00	146.00	OC21V	CHLOROFORM	
G66DOA	MW-66	9/10/1999	PROFILE	275.00	275.00	146.00	146.00	OC21V	METHYL ETHYL KETONE (2-BUT,	
G68DAA	MW-68	9/7/1999	PROFILE	95.00	95.00	7.20	7.20	8330N	3-NITROTOLUENE	NO
G68DAA	MW-68	9/7/1999	PROFILE	95.00	95.00	7.20	7.20	8330N	4-NITROTOLUENE	NO
G68DAA	MW-68	9/7/1999	PROFILE	95.00	95.00	7.20	7.20	8330N	NITROGLYCERIN	NO
G68DAA	MW-68	9/7/1999	PROFILE	95.00	95.00	7.20	7.20	8330N	PENTAERYTHRITOL TETRANITR	NO
G68DAA	MW-68	9/7/1999	PROFILE	95.00	95.00	7.20	7.20	8330N	PICRIC ACID	NO
G68DAA	MW-68	9/7/1999	PROFILE	95.00	95.00	7.20	7.20	OC21V	ACETONE	
G68DAA	MW-68	9/7/1999	PROFILE	95.00	95.00	7.20	7.20	OC21V	CHLOROFORM	
G68DAA	MW-68	9/7/1999	PROFILE	95.00	95.00	7.20	7.20	OC21V	METHYL ETHYL KETONE (2-BUT,	
G68DBA	MW-68	9/7/1999	PROFILE	105.00	105.00	17.20	17.20	8330N	NITROGLYCERIN	NO
G68DBA	MW-68	9/7/1999	PROFILE	105.00	105.00	17.20	17.20	8330N	PICRIC ACID	NO
G68DBA	MW-68	9/7/1999	PROFILE	105.00	105.00	17.20	17.20	OC21V	ACETONE	
G68DBA	MW-68	9/7/1999	PROFILE	105.00	105.00	17.20	17.20	OC21V	CHLOROFORM	
G68DBA	MW-68	9/7/1999	PROFILE	105.00	105.00	17.20	17.20	OC21V	METHYL ETHYL KETONE (2-BUT,	
G68DCA	MW-68	9/8/1999	PROFILE	110.00	110.00	22.20	22.20	8330N	2-NITROTOLUENE	NO
G68DCA	MW-68	9/8/1999	PROFILE	110.00	110.00	22.20	22.20	8330N	3-NITROTOLUENE	NO
G68DCA	MW-68	9/8/1999	PROFILE	110.00	110.00	22.20	22.20	8330N	4-NITROTOLUENE	NO
G68DCA	MW-68	9/8/1999	PROFILE	110.00	110.00	22.20	22.20	8330N	NITROGLYCERIN	NO
G68DCA	MW-68	9/8/1999	PROFILE	110.00	110.00	22.20	22.20	8330N	PENTAERYTHRITOL TETRANITR	NO
G68DCA	MW-68	9/8/1999	PROFILE	110.00	110.00	22.20	22.20	8330N	PICRIC ACID	NO
G68DCA	MW-68	9/8/1999	PROFILE	110.00	110.00	22.20	22.20	OC21V	ACETONE	

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TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 8/30/99-9/17/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G68DCA	MW-68	9/8/1999	PROFILE	110.00	110.00	22.20	22.20	OC21V	CHLOROETHANE	
G68DCA	MW-68	9/8/1999	PROFILE	110.00	110.00	22.20	22.20	OC21V	CHLOROFORM	
G68DCA	MW-68	9/8/1999	PROFILE	110.00	110.00	22.20	22.20	OC21V	METHYL ETHYL KETONE (2-BUT,	
G68DDA	MW-68	9/8/1999	PROFILE	120.00	120.00	32.20	32.20	OC21V	ACETONE	
G68DDA	MW-68	9/8/1999	PROFILE	120.00	120.00	32.20	32.20	OC21V	CHLOROFORM	
G68DDA	MW-68	9/8/1999	PROFILE	120.00	120.00	32.20	32.20	OC21V	METHYL ETHYL KETONE (2-BUT,	
G68DEA	MW-68	9/8/1999	PROFILE	130.00	130.00	42.20	42.20	8330N	4-NITROTOLUENE	NO
G68DEA	MW-68	9/8/1999	PROFILE	130.00	130.00	42.20	42.20	8330N	PENTAERYTHRITOL TETRANITR	NO
G68DEA	MW-68	9/8/1999	PROFILE	130.00	130.00	42.20	42.20	8330N	PICRIC ACID	NO
G68DEA	MW-68	9/8/1999	PROFILE	130.00	130.00	42.20	42.20	OC21V	ACETONE	
G68DEA	MW-68	9/8/1999	PROFILE	130.00	130.00	42.20	42.20	OC21V	CHLOROFORM	
G68DEA	MW-68	9/8/1999	PROFILE	130.00	130.00	42.20	42.20	OC21V	METHYL ETHYL KETONE (2-BUT,	
G68DED	MW-68	9/8/1999	PROFILE	130.00	130.00	42.20	42.20	8330N	3-NITROTOLUENE	NO
G68DED	MW-68	9/8/1999	PROFILE	130.00	130.00	42.20	42.20	8330N	4-NITROTOLUENE	NO
G68DED	MW-68	9/8/1999	PROFILE	130.00	130.00	42.20	42.20	8330N	NITROGLYCERIN	NO
G68DED	MW-68	9/8/1999	PROFILE	130.00	130.00	42.20	42.20	8330N	PENTAERYTHRITOL TETRANITR	NO
G68DED	MW-68	9/8/1999	PROFILE	130.00	130.00	42.20	42.20	8330N	PICRIC ACID	NO
G68DFA	MW-68	9/8/1999	PROFILE	140.00	140.00	52.20	52.20	8330N	2-NITROTOLUENE	NO
G68DFA	MW-68	9/8/1999	PROFILE	140.00	140.00	52.20	52.20	8330N	3-NITROTOLUENE	NO
G68DFA	MW-68	9/8/1999	PROFILE	140.00	140.00	52.20	52.20	8330N	4-NITROTOLUENE	NO
G68DFA	MW-68	9/8/1999	PROFILE	140.00	140.00	52.20	52.20	8330N	PENTAERYTHRITOL TETRANITR	NO
G68DFA	MW-68	9/8/1999	PROFILE	140.00	140.00	52.20	52.20	8330N	PICRIC ACID	NO
G68DFA	MW-68	9/8/1999	PROFILE	140.00	140.00	52.20	52.20	OC21V	ACETONE	
G68DFA	MW-68	9/8/1999	PROFILE	140.00	140.00	52.20	52.20	OC21V	METHYL ETHYL KETONE (2-BUT,	
G68DGA	MW-68	9/8/1999	PROFILE	150.00	150.00	62.20	62.20	8330N	PICRIC ACID	NO
G68DGA	MW-68	9/8/1999	PROFILE	150.00	150.00	62.20	62.20	OC21V	ACETONE	
G68DGA	MW-68	9/8/1999	PROFILE	150.00	150.00	62.20	62.20	OC21V	CHLOROFORM	
G68DGA	MW-68	9/8/1999	PROFILE	150.00	150.00	62.20	62.20	OC21V	METHYL ETHYL KETONE (2-BUT,	
G68DHA	MW-68	9/8/1999	PROFILE	160.00	160.00	72.20	72.20	8330N	PICRIC ACID	NO
G68DHA	MW-68	9/8/1999	PROFILE	160.00	160.00	72.20	72.20	OC21V	ACETONE	
G68DHA	MW-68	9/8/1999	PROFILE	160.00	160.00	72.20	72.20	OC21V	CHLOROFORM	
G68DHA	MW-68	9/8/1999	PROFILE	160.00	160.00	72.20	72.20	OC21V	METHYL ETHYL KETONE (2-BUT,	
G68DIA	MW-68	9/8/1999	PROFILE	170.00	170.00	82.20	82.20	8330N	PICRIC ACID	NO

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DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 8/30/99-9/17/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G68DIA	MW-68	9/8/1999	PROFILE	170.00	170.00	82.20	82.20	OC21V	ACETONE	
G68DIA	MW-68	9/8/1999	PROFILE	170.00	170.00	82.20	82.20	OC21V	METHYL ETHYL KETONE (2-BUT,	
G68DJA	MW-68	9/8/1999	PROFILE	180.00	180.00	92.20	92.20	8330N	PENTAERYTHRITOL TETRANITR	NO
G68DJA	MW-68	9/8/1999	PROFILE	180.00	180.00	92.20	92.20	8330N	PICRIC ACID	NO
G68DJA	MW-68	9/8/1999	PROFILE	180.00	180.00	92.20	92.20	OC21V	ACETONE	
G68DJA	MW-68	9/8/1999	PROFILE	180.00	180.00	92.20	92.20	OC21V	METHYL ETHYL KETONE (2-BUT,	
G68DKA	MW-68	9/8/1999	PROFILE	190.00	190.00	102.20	102.20	8330N	PICRIC ACID	NO
G68DKA	MW-68	9/8/1999	PROFILE	190.00	190.00	102.20	102.20	OC21V	ACETONE	
G68DKA	MW-68	9/8/1999	PROFILE	190.00	190.00	102.20	102.20	OC21V	METHYL ETHYL KETONE (2-BUT,	
G68DLA	MW-68	9/8/1999	PROFILE	200.00	200.00	112.20	112.20	8330N	2-NITROTOLUENE	NO
G68DLA	MW-68	9/8/1999	PROFILE	200.00	200.00	112.20	112.20	8330N	3-NITROTOLUENE	NO
G68DLA	MW-68	9/8/1999	PROFILE	200.00	200.00	112.20	112.20	8330N	4-NITROTOLUENE	NO
G68DLA	MW-68	9/8/1999	PROFILE	200.00	200.00	112.20	112.20	OC21V	ACETONE	
G68DLA	MW-68	9/8/1999	PROFILE	200.00	200.00	112.20	112.20	OC21V	METHYL ETHYL KETONE (2-BUT,	
G68DLD	MW-68	9/8/1999	PROFILE	200.00	200.00	112.20	112.20	8330N	3-NITROTOLUENE	NO
G68DLD	MW-68	9/8/1999	PROFILE	200.00	200.00	112.20	112.20	8330N	4-NITROTOLUENE	NO
G68DLD	MW-68	9/8/1999	PROFILE	200.00	200.00	112.20	112.20	8330N	PICRIC ACID	NO
G68DMA	MW-68	9/9/1999	PROFILE	210.00	210.00	122.20	122.20	8330N	2,4-DINITROTOLUENE	NO
G68DMA	MW-68	9/9/1999	PROFILE	210.00	210.00	122.20	122.20	8330N	2-NITROTOLUENE	NO
G68DMA	MW-68	9/9/1999	PROFILE	210.00	210.00	122.20	122.20	8330N	3-NITROTOLUENE	NO
G68DMA	MW-68	9/9/1999	PROFILE	210.00	210.00	122.20	122.20	8330N	4-NITROTOLUENE	NO
G68DMA	MW-68	9/9/1999	PROFILE	210.00	210.00	122.20	122.20	8330N	PENTAERYTHRITOL TETRANITR	NO
G68DMA	MW-68	9/9/1999	PROFILE	210.00	210.00	122.20	122.20	8330N	PICRIC ACID	NO
G68DMA	MW-68	9/9/1999	PROFILE	210.00	210.00	122.20	122.20	OC21V	2-HEXANONE	
G68DMA	MW-68	9/9/1999	PROFILE	210.00	210.00	122.20	122.20	OC21V	ACETONE	
G68DMA	MW-68	9/9/1999	PROFILE	210.00	210.00	122.20	122.20	OC21V	METHYL ETHYL KETONE (2-BUT,	
G68DNA	MW-68	9/9/1999	PROFILE	220.00	220.00	132.20	132.20	8330N	2-NITROTOLUENE	NO
G68DNA	MW-68	9/9/1999	PROFILE	220.00	220.00	132.20	132.20	8330N	3-NITROTOLUENE	NO
G68DNA	MW-68	9/9/1999	PROFILE	220.00	220.00	132.20	132.20	8330N	4-NITROTOLUENE	NO
G68DNA	MW-68	9/9/1999	PROFILE	220.00	220.00	132.20	132.20	8330N	PENTAERYTHRITOL TETRANITR	NO
G68DNA	MW-68	9/9/1999	PROFILE	220.00	220.00	132.20	132.20	8330N	PICRIC ACID	NO
G68DNA	MW-68	9/9/1999	PROFILE	220.00	220.00	132.20	132.20	OC21V	2-HEXANONE	
G68DNA	MW-68	9/9/1999	PROFILE	220.00	220.00	132.20	132.20	OC21V	ACETONE	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G68DNA	MW-68	9/9/1999	PROFILE	220.00	220.00	132.20	132.20	OC21V	CHLOROFORM	
G68DNA	MW-68	9/9/1999	PROFILE	220.00	220.00	132.20	132.20	OC21V	METHYL ETHYL KETONE (2-BUT,	
G68DOA	MW-68	9/9/1999	PROFILE	230.00	230.00	142.20	142.20	8330N	PENTAERYTHRITOL TETRANITR	NO
G68DOA	MW-68	9/9/1999	PROFILE	230.00	230.00	142.20	142.20	8330N	PICRIC ACID	NO
G68DOA	MW-68	9/9/1999	PROFILE	230.00	230.00	142.20	142.20	OC21V	ACETONE	
G68DOA	MW-68	9/9/1999	PROFILE	230.00	230.00	142.20	142.20	OC21V	METHYL ETHYL KETONE (2-BUT,	
G68DPA	MW-68	9/9/1999	PROFILE	240.00	240.00	152.20	152.20	OC21V	ACETONE	
G68DPA	MW-68	9/9/1999	PROFILE	240.00	240.00	152.20	152.20	OC21V	METHYL ETHYL KETONE (2-BUT,	
G68DQA	MW-68	9/9/1999	PROFILE	245.00	245.00	157.20	157.20	OC21V	ACETONE	
G68DQA	MW-68	9/9/1999	PROFILE	245.00	245.00	157.20	157.20	OC21V	METHYL ETHYL KETONE (2-BUT,	
G84DRA	MW-84	8/30/1999	PROFILE	208.00	213.00	169.15	174.15	OC21V	ACETONE	

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