WEEKLY PROGRESS UPDATE
FOR OCTOBER 4 - OCTOBER 8, 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 October 4 to October 8, 1999.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of October 8 is summarized in Table 1.

Table 1. Drilling progress as of October 8, 1999

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-71	Gun and Mortar well (MP-7)	315	155	158-168 180-190
MW-70	Gun and Mortar well (MP-4)	280	153	
MW-48	LRWS-3 far field well	165	64	
MW-49	LRWS-3 far field well	195	124	

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 and for the first round of the newly installed wells. Groundwater profile samples were collected from MW-70, MW-48, and MW-49; locations and drilling status for these wells are indicated in Table 1. Soil samples were collected from detonation craters at Demo Area 2, where artillery simulators were destroyed on October 2, 1999.

The Guard, EPA, and MADEP had a meeting on October 7 to discuss technical issues, including the following:

- The VOC soil sampling procedure was discussed. The Guard proposed to use pre-preserved sample containers for low level VOC sampling instead of the Encore samplers. TRC suggested that Ogden also be prepared to collect high level VOC samples based upon visual and PID reading. EPA stated that they needed to review this proposal and that they would get back to the guard later that day with an answer.

- Ogden and Tetra Tech gave an update of ongoing field activities.

- Follow-up items from last week's technical meeting were discussed. The Guard stated that they had received EPA's approval letter for the proposed locations of the Sandwich and J Well far field wells. Ogden stated that the milestone Gantt chart is into the Guard for review and requested that the EPA indicate a date they require this document. EPA stated that they are in the process of reviewing the milestone table from last week, and that at a minimum the start date and the draft tech memo deliverable date would be enforceable dates for each type of investigation. They still need to discuss what end dates would be enforceable.

- The summary of the groundwater sampling schedule was discussed. Ogden has prepared a draft version for the Guard review and this should be ready for next weeks Tech meeting.

- The proposed IRP monitoring wells to be sampled were discussed. The Guard stated that they had received the EPA comments to the proposal. The DEP stated that they will have their comments to the Guard later that day.

- The Guard proposed to submit change pages to the Gun and Mortar FSP for items that have been agreed upon. These change pages will be distributed next week.

- The status of the list of munitions from the CDC was discussed. The Guard stated that they are still working on it and it should be finished next week. The status of the steel lined pit was also discussed. The Guard stated that EOD will not be able to look at the rounds until Tuesday. The Guard stated that they will submit a letter asking for an extension to the date of completion of the steel lined pit work.

- The Textron SOW comments were discussed. The EPA would like the Guard to request the information in the format of a CERCLA Section 104 request. EPA will supply this information to the Guard today. DEP would like more detail in requiring agency review of the work by Textron.

- The EPA requested clarification on several items listed in the "Documents Status" table.

  APC Pile - the Guard submitted a letter of 7/12/99 with proposed sampling. EPA believed that this was already approved. The Guard stated that they would look into this again.

  Sampling Plan for UXO detonation (7/26/99) - EPA requested a final plan that they will approve.

  Tech Memos - The Guard requested EPA comments on TMs 99-2 and 99-3.

- The EPA stated that they have received comments from Oak Ridge on the J Range rad survey. The EPA stated that they will review and send comments to the Guard.

- Ogden suggested that there be a meeting between Ogden, EPA, and Guard on EPA's PEP comments.

- EPA requested Ogden to run some queries on the data base for identification of concentrations exceeding DEP soil standards. DEP will check on whether the Method 1 standards are available electronically.

- DEP asked on the status of the meeting scheduled for October 14 on future investigations. EPA would like the date to be moved to the 27th of October.

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 VOC analyses for profile samples, are conducted in this timeframe. 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 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. Most explosive detections verified by PDA are confirmed to be present upon completion of validation. Table 3 includes the following detections:

- A quality assurance profile sample from the MW-71 had a detection of nitroglycerin, which was not verified with the PDA spectra.

- Groundwater samples from monitoring wells MW-37M3 and MW-40M1 had detections of RDX, which were verified with the PDA spectra. This was the first round of sampling for these two wells.

- Groundwater profile samples from MW-70 (MP-4) had detections of acetone (15 intervals), MEK (11 intervals), 1,2,4-trichlorobenzene (1 interval), 1,2-dibromo-3-chloropropane, (1 interval), 2-chloroethyl vinyl ether (1 interval), benzene (1 interval), toluene (1 interval), chloroform (5 intervals), 2-nitrotoluene (1 interval), 3-nitrotoluene (6 intervals), 4-nitrotoluene (5 intervals), PETN (14 intervals), picric acid (9 intervals), 2,6-dinitrotoluene (2 intervals), RDX (1 interval), 4-amino-2,6-dinitrotoluene (1 interval), and nitroglycerin (1 interval). Only the 2,6-dinitrotoluene was verified with the PDA spectra.

3. DELIVERABLES SUBMITTED

Draft Phase II (a) FSP for Mortar Targets	10/4/99
Draft Phase II (a) FSP for Trenches	10/4/99
Weekly Progress Update for Sept 27-Oct 1 1999	10/6/99

4. SCHEDULED ACTIONS

Scheduled actions for the week of October 11 include completion of drilling at MW-70 (MP-4); continue drilling on MW-48 and -49 (LRWS 3 far field monitoring wells); development and sampling of newly installed wells; soil sampling at GP-16 in accordance with the Phase II (a) Gun/Mortar FSP; and continued ground water sampling of round 3 of the Phase I monitoring wells and newly installed wells.

TABLE 2
SAMPLING PROGRESS
10/4-10/8

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G49DBE	FIELDQC	10/7/1999	FIELDQC	0.00	0.00		
G49DCE	FIELDQC	10/8/1999	FIELDQC	0.00	0.00		
G49DCT	FIELDQC	10/7/1999	FIELDQC	0.00	0.00		
G49DHE	FIELDQC	10/8/1999	FIELDQC	0.00	0.00		
G49DHT	FIELDQC	10/8/1999	FIELDQC	0.00	0.00		
G70DAT	FIELDQC	10/4/1999	FIELDQC	0.00	0.00		
G70DBE	FIELDQC	10/5/1999	FIELDQC	0.00	0.00		
G70DBT	FIELDQC	10/5/1999	FIELDQC	0.00	0.00		
G70DME	FIELDQC	10/6/1999	FIELDQC	0.00	0.00		
G70DMT	FIELDQC	10/6/1999	FIELDQC	0.00	0.00		
G70DOE	FIELDQC	10/7/1999	FIELDQC	0.00	0.00		
WC6EXE	FIELDQC	10/8/1999	FIELDQC	0.00	0.00		
WF03XE	FIELDQC	10/7/1999	FIELDQC	0.00	0.00		
WL26XE	FIELDQC	10/4/1999	FIELDQC	0.00	0.00		
WL28XE	FIELDQC	10/6/1999	FIELDQC	0.00	0.00		
WT34AE	FIELDQC	10/5/1999	FIELDQC	0.00	0.00		
W50SSA	MW-50	10/8/1999	GROUNDWATER			0.00	10.00
WC2XXA	58MW0002	10/8/1999	GROUNDWATER			25.00	30.00
WC6EXA	58MW0006E	10/8/1999	GROUNDWATER			0.00	10.00
WF03MA	90MW0003	10/7/1999	GROUNDWATER			60.00	65.00
WF06XA	90WT0006	10/8/1999	GROUNDWATER			95.00	105.00
WF12XA	90MW0054	10/4/1999	GROUNDWATER			95.00	100.00
WF19XA	90WT0019	10/7/1999	GROUNDWATER			94.00	104.00
WF22XA	90MW0022	10/5/1999	GROUNDWATER			80.00	85.00
WF34XA	90MW0034	10/7/1999	GROUNDWATER			94.00	99.00
WF34XF	90MW0034	10/7/1999	GROUNDWATER			94.00	99.00
WF70XA	90MW0070	10/4/1999	GROUNDWATER			78.00	83.00
WF71XA	90MW0071	10/4/1999	GROUNDWATER			82.00	87.00
WL14XA	LRWS1-4	10/6/1999	GROUNDWATER			107.00	117.00
WL26XA	LRWS2-6	10/4/1999	GROUNDWATER			75.00	90.00
WL28XA	28MW0106	10/6/1999	GROUNDWATER			0.00	10.00
WL31XA	LRMW0003	10/8/1999	GROUNDWATER			73.00	83.00
WRW1XA	RW-1	10/6/1999	GROUNDWATER			0.00	9.00
WRW1XD	RW-1	10/6/1999	GROUNDWATER			0.00	9.00
WRW3XA	RW-3	10/7/1999	GROUNDWATER			0.00	0.00
WSCNRA	Schooner Pass	10/5/1999	GROUNDWATER			0.00	0.00
WSMR3A	SMR-3	10/7/1999	GROUNDWATER			0.00	10.00
WSRM2A	SMR-2	10/7/1999	GROUNDWATER			0.00	10.00
WSRM4A	SMR-4	10/7/1999	GROUNDWATER			0.00	10.00
WT34AA	03MW0604A	10/5/1999	GROUNDWATER			64.00	69.00
WU22XA	USFW228040	10/8/1999	GROUNDWATER			20.00	20.00
WU24XA	USFW241098	10/5/1999	GROUNDWATER			42.00	45.00
GAC12	GAC WATER	10/5/1999	IDW	0.00	0.00		
GAC4808	GAC WATER	10/8/1999	IDW	0.00	0.00		
GAC4907	GAC WATER	10/7/1999	IDW	0.00	0.00		
GAC4907B	GAC WATER	10/8/1999	IDW	0.00	0.00		
GAC4908	GAC WATER	10/8/1999	IDW	0.00	0.00		
G48DAA	MW-48	10/8/1999	PROFILE	100.00	105.00		

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
10/4-10/8

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G48DBA	MW-48	10/8/1999	PROFILE	110.00	115.00		
G48DCA	MW-48	10/8/1999	PROFILE	120.00	125.00		
G48DDA	MW-48	10/8/1999	PROFILE	130.00	135.00		
G48DEA	MW-48	10/8/1999	PROFILE	140.00	145.00		
G48DFA	MW-48	10/8/1999	PROFILE	150.00	155.00		
G48DGA	MW-48	10/8/1999	PROFILE	160.00	165.00		
G49DAA	MW-49	10/7/1999	PROFILE	71.00	74.00		
G49DBA	MW-49	10/7/1999	PROFILE	80.00	85.00		
G49DCA	MW-49	10/7/1999	PROFILE	90.00	95.00		
G49DDA	MW-49	10/7/1999	PROFILE	100.00	105.00		
G49DDD	MW-49	10/7/1999	PROFILE	100.00	105.00		
G49DEA	MW-49	10/7/1999	PROFILE	110.00	115.00		
G49DFA	MW-49	10/7/1999	PROFILE	120.00	125.00		
G49DGA	MW-49	10/7/1999	PROFILE	130.00	135.00		
G49DHA	MW-49	10/8/1999	PROFILE	140.00	145.00		
G49DIA	MW-49	10/8/1999	PROFILE	150.00	155.00		
G49DJA	MW-49	10/8/1999	PROFILE	160.00	165.00		
G49DKA	MW-49	10/8/1999	PROFILE	170.00	175.00		
G49DLA	MW-49	10/8/1999	PROFILE	180.00	185.00		
G70DAA	MW-70	10/4/1999	PROFILE	130.00	130.00	3.00	3.00
G70DBA	MW-70	10/5/1999	PROFILE	140.00	140.00	13.00	13.00
G70DCA	MW-70	10/5/1999	PROFILE	150.00	150.00	23.00	23.00
G70DDA	MW-70	10/5/1999	PROFILE	160.00	160.00	33.00	33.00
G70DEA	MW-70	10/5/1999	PROFILE	170.00	170.00	43.00	43.00
G70DFA	MW-70	10/5/1999	PROFILE	180.00	180.00	53.00	53.00
G70DGA	MW-70	10/5/1999	PROFILE	190.00	190.00	63.00	63.00
G70DHA	MW-70	10/5/1999	PROFILE	200.00	200.00	73.00	73.00
G70DIA	MW-70	10/5/1999	PROFILE	210.00	210.00	83.00	83.00
G70DJA	MW-70	10/5/1999	PROFILE	220.00	220.00	93.00	93.00
G70DJD	MW-70	10/5/1999	PROFILE	220.00	220.00	93.00	93.00
G70DKA	MW-70	10/6/1999	PROFILE	230.00	230.00	103.00	103.00
G70DLA	MW-70	10/6/1999	PROFILE	240.00	240.00	113.00	113.00
G70DMA	MW-70	10/6/1999	PROFILE	250.00	250.00	123.00	123.00
G70DNA	MW-70	10/6/1999	PROFILE	260.00	260.00	133.00	133.00
G70DOA	MW-70	10/7/1999	PROFILE	270.00	270.00	143.00	143.00
G70DPA	MW-70	10/7/1999	PROFILE	280.00	280.00	153.00	153.00
HCDEMO2NW	HCDEMO2NW	10/4/1999	SOIL BORING				
HCDEMO2S	HCDEMO2S	10/4/1999	SOIL BORING				
HDDEMO2NW	HDDEMO2NW	10/4/1999	SOIL BORING				
HDDEMO2S	HDDEMO2S	10/4/1999	SOIL BORING				

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
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TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 10/04/99-10/08/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G71DCE	FIELDQC	9/28/1999	FIELDQC	0.00	0.00			8330N	NITROGLYCERIN	
W37M3A	MW-37	9/28/1999	GROUNDWATER			13.00	23.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W37M3D	MW-37	9/28/1999	GROUNDWATER			13.00	23.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W40M1A	MW-40	9/21/1999	GROUNDWATER			110.00	120.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W40M1D	MW-40	9/21/1999	GROUNDWATER			110.00	120.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G70DAA	MW-70	10/4/1999	PROFILE	130.00	130.00	3.00	3.00	8330N	3-NITROTOLUENE	NO
G70DAA	MW-70	10/4/1999	PROFILE	130.00	130.00	3.00	3.00	8330N	4-NITROTOLUENE	NO
G70DAA	MW-70	10/4/1999	PROFILE	130.00	130.00	3.00	3.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G70DAA	MW-70	10/4/1999	PROFILE	130.00	130.00	3.00	3.00	8330N	PICRIC ACID	NO
G70DAA	MW-70	10/4/1999	PROFILE	130.00	130.00	3.00	3.00	OC21V	2-HEXANONE	
G70DAA	MW-70	10/4/1999	PROFILE	130.00	130.00	3.00	3.00	OC21V	ACETONE	
G70DAA	MW-70	10/4/1999	PROFILE	130.00	130.00	3.00	3.00	OC21V	METHYL ETHYL KETONE (2-BUT	
G70DBA	MW-70	10/5/1999	PROFILE	140.00	140.00	13.00	13.00	8330N	2,6-DINITROTOLUENE	YES
G70DBA	MW-70	10/5/1999	PROFILE	140.00	140.00	13.00	13.00	8330N	3-NITROTOLUENE	NO
G70DBA	MW-70	10/5/1999	PROFILE	140.00	140.00	13.00	13.00	8330N	4-NITROTOLUENE	NO
G70DBA	MW-70	10/5/1999	PROFILE	140.00	140.00	13.00	13.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G70DBA	MW-70	10/5/1999	PROFILE	140.00	140.00	13.00	13.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G70DBA	MW-70	10/5/1999	PROFILE	140.00	140.00	13.00	13.00	8330N	PICRIC ACID	NO
G70DBA	MW-70	10/5/1999	PROFILE	140.00	140.00	13.00	13.00	OC21V	1,2,4-TRICHLOROBENZENE	
G70DBA	MW-70	10/5/1999	PROFILE	140.00	140.00	13.00	13.00	OC21V	1,2-DIBROMO-3-CHLOROPROPA	
G70DBA	MW-70	10/5/1999	PROFILE	140.00	140.00	13.00	13.00	OC21V	2-CHLOROETHYL VINYL ETHER	
G70DBA	MW-70	10/5/1999	PROFILE	140.00	140.00	13.00	13.00	OC21V	ACETONE	
G70DBA	MW-70	10/5/1999	PROFILE	140.00	140.00	13.00	13.00	OC21V	BENZENE	
G70DBA	MW-70	10/5/1999	PROFILE	140.00	140.00	13.00	13.00	OC21V	METHYL ETHYL KETONE (2-BUT	
G70DBA	MW-70	10/5/1999	PROFILE	140.00	140.00	13.00	13.00	OC21V	TOLUENE	
G70DCA	MW-70	10/5/1999	PROFILE	150.00	150.00	23.00	23.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G70DCA	MW-70	10/5/1999	PROFILE	150.00	150.00	23.00	23.00	8330N	PICRIC ACID	NO
G70DCA	MW-70	10/5/1999	PROFILE	150.00	150.00	23.00	23.00	OC21V	2-HEXANONE	
G70DCA	MW-70	10/5/1999	PROFILE	150.00	150.00	23.00	23.00	OC21V	ACETONE	
G70DCA	MW-70	10/5/1999	PROFILE	150.00	150.00	23.00	23.00	OC21V	CHLOROFORM	
G70DCA	MW-70	10/5/1999	PROFILE	150.00	150.00	23.00	23.00	OC21V	METHYL ETHYL KETONE (2-BUT	
G70DDA	MW-70	10/5/1999	PROFILE	160.00	160.00	33.00	33.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G70DDA	MW-70	10/5/1999	PROFILE	160.00	160.00	33.00	33.00	OC21V	2-HEXANONE	

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 10/04/99-10/08/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G70DDA	MW-70	10/5/1999	PROFILE	160.00	160.00	33.00	33.00	OC21V	ACETONE	
G70DDA	MW-70	10/5/1999	PROFILE	160.00	160.00	33.00	33.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G70DEA	MW-70	10/5/1999	PROFILE	170.00	170.00	43.00	43.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G70DEA	MW-70	10/5/1999	PROFILE	170.00	170.00	43.00	43.00	OC21V	2-HEXANONE	
G70DEA	MW-70	10/5/1999	PROFILE	170.00	170.00	43.00	43.00	OC21V	ACETONE	
G70DEA	MW-70	10/5/1999	PROFILE	170.00	170.00	43.00	43.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G70DFA	MW-70	10/5/1999	PROFILE	180.00	180.00	53.00	53.00	OC21V	ACETONE	
G70DFA	MW-70	10/5/1999	PROFILE	180.00	180.00	53.00	53.00	OC21V	CHLOROFORM	
G70DFA	MW-70	10/5/1999	PROFILE	180.00	180.00	53.00	53.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G70DGA	MW-70	10/5/1999	PROFILE	190.00	190.00	63.00	63.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G70DGA	MW-70	10/5/1999	PROFILE	190.00	190.00	63.00	63.00	8330N	PICRIC ACID	NO
G70DGA	MW-70	10/5/1999	PROFILE	190.00	190.00	63.00	63.00	OC21V	2-HEXANONE	
G70DGA	MW-70	10/5/1999	PROFILE	190.00	190.00	63.00	63.00	OC21V	ACETONE	
G70DGA	MW-70	10/5/1999	PROFILE	190.00	190.00	63.00	63.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G70DHA	MW-70	10/5/1999	PROFILE	200.00	200.00	73.00	73.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G70DHA	MW-70	10/5/1999	PROFILE	200.00	200.00	73.00	73.00	OC21V	ACETONE	
G70DHA	MW-70	10/5/1999	PROFILE	200.00	200.00	73.00	73.00	OC21V	CHLOROFORM	
G70DHA	MW-70	10/5/1999	PROFILE	200.00	200.00	73.00	73.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G70DIA	MW-70	10/5/1999	PROFILE	210.00	210.00	83.00	83.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G70DIA	MW-70	10/5/1999	PROFILE	210.00	210.00	83.00	83.00	OC21V	ACETONE	
G70DIA	MW-70	10/5/1999	PROFILE	210.00	210.00	83.00	83.00	OC21V	CHLOROFORM	
G70DIA	MW-70	10/5/1999	PROFILE	210.00	210.00	83.00	83.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G70DJA	MW-70	10/5/1999	PROFILE	220.00	220.00	93.00	93.00	OC21V	ACETONE	
G70DJA	MW-70	10/5/1999	PROFILE	220.00	220.00	93.00	93.00	OC21V	CHLOROFORM	
G70DKA	MW-70	10/6/1999	PROFILE	230.00	230.00	103.00	103.00	8330N	3-NITROTOLUENE	NO
G70DKA	MW-70	10/6/1999	PROFILE	230.00	230.00	103.00	103.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G70DKA	MW-70	10/6/1999	PROFILE	230.00	230.00	103.00	103.00	8330N	PICRIC ACID	NO
G70DKA	MW-70	10/6/1999	PROFILE	230.00	230.00	103.00	103.00	OC21V	ACETONE	
G70DLA	MW-70	10/6/1999	PROFILE	240.00	240.00	113.00	113.00	8330N	3-NITROTOLUENE	NO
G70DLA	MW-70	10/6/1999	PROFILE	240.00	240.00	113.00	113.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G70DLA	MW-70	10/6/1999	PROFILE	240.00	240.00	113.00	113.00	8330N	4-NITROTOLUENE	NO
G70DLA	MW-70	10/6/1999	PROFILE	240.00	240.00	113.00	113.00	8330N	NITROGLYCERIN	NO
G70DLA	MW-70	10/6/1999	PROFILE	240.00	240.00	113.00	113.00	8330N	PENTAERYTHRITOL TETRANITR	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 10/04/99-10/08/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G70DLA	MW-70	10/6/1999	PROFILE	240.00	240.00	113.00	113.00	8330N	PICRIC ACID	NO
G70DLA	MW-70	10/6/1999	PROFILE	240.00	240.00	113.00	113.00	OC21V	ACETONE	
G70DLA	MW-70	10/6/1999	PROFILE	240.00	240.00	113.00	113.00	OC21V	METHYL ETHYL KETONE (2-BUT	
G70DMA	MW-70	10/6/1999	PROFILE	250.00	250.00	123.00	123.00	8330N	3-NITROTOLUENE	NO
G70DMA	MW-70	10/6/1999	PROFILE	250.00	250.00	123.00	123.00	8330N	4-NITROTOLUENE	NO
G70DMA	MW-70	10/6/1999	PROFILE	250.00	250.00	123.00	123.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G70DMA	MW-70	10/6/1999	PROFILE	250.00	250.00	123.00	123.00	8330N	PICRIC ACID	NO
G70DMA	MW-70	10/6/1999	PROFILE	250.00	250.00	123.00	123.00	OC21V	ACETONE	
G70DMA	MW-70	10/6/1999	PROFILE	250.00	250.00	123.00	123.00	OC21V	METHYL ETHYL KETONE (2-BUT	
G70DNA	MW-70	10/6/1999	PROFILE	260.00	260.00	133.00	133.00	8330N	2,6-DINITROTOLUENE	YES
G70DNA	MW-70	10/6/1999	PROFILE	260.00	260.00	133.00	133.00	8330N	2-NITROTOLUENE	NO
G70DNA	MW-70	10/6/1999	PROFILE	260.00	260.00	133.00	133.00	8330N	3-NITROTOLUENE	NO
G70DNA	MW-70	10/6/1999	PROFILE	260.00	260.00	133.00	133.00	8330N	4-NITROTOLUENE	NO
G70DNA	MW-70	10/6/1999	PROFILE	260.00	260.00	133.00	133.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G70DNA	MW-70	10/6/1999	PROFILE	260.00	260.00	133.00	133.00	8330N	PICRIC ACID	NO
G70DNA	MW-70	10/6/1999	PROFILE	260.00	260.00	133.00	133.00	OC21V	ACETONE	
G70DOA	MW-70	10/7/1999	PROFILE	270.00	270.00	143.00	143.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G70DOA	MW-70	10/7/1999	PROFILE	270.00	270.00	143.00	143.00	8330N	PICRIC ACID	NO
G70DPA	MW-70	10/7/1999	PROFILE	280.00	280.00	153.00	153.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G70DPA	MW-70	10/7/1999	PROFILE	280.00	280.00	153.00	153.00	OC21V	ACETONE	

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