WEEKLY PROGRESS UPDATE
FOR SEPTEMBER 25 – SEPTEMBER 29, 2000

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 September 25 to September 29, 2000.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of September 29 is summarized in Table 1.

Table 1. Drilling progress as of September 29, 2000

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-124	Impact Area Response Well P-36	300	167	160-170 219-229 234-244
MW-126	Impact Area Response Well P-28	271	170	99-109 118-128
MW-128	L Range (LP-1)	270	181	
MW-129	Demo Area 1 (D1P-1)	230	159	
MW-130	J-2 Range (J2P-7)	140	35	
MW-15A	Impact Area Response Well P-32	170	59	

bgs = below ground surface
bwt = below water table

Completed drilling and well installation on MW-124 (P-36) and MW-126 (P-28). Commenced and completed drilling on MW-128 (LP-1) and MW-129 (D1P-1). Commenced drilling on MW-130 (J2P-7) and MW-15M (P-32). Completed UXO clearance of J1P-3 and J3P-1 drill pads. Development of newly installed wells continued.

Samples collected during the reporting period are summarized in Table 2. Soil samples were collected from BIP craters at the J-1 and KD Ranges and at the APC. Wipe samples were collected from UXORM at Test Plot 1 in the HUTA and from UXO at the J-1 and J-2 Ranges. Groundwater sampling was continued for the second round of Impact Area response wells MW-85 through MW-107 and the first round of Impact Area response wells MW-108 through MW-115. Groundwater profile samples were collected during the drilling of MW-128, 129, 130, and 15A. Deep soil sampling was performed at the boring for MW-130. Soil samples were collected from Test Plot 2 at the HUTA, the J-2 Range (Area 101), the J-3 Range (Area 102), the L Range (Area 103), and Targets 13 (Area 105), 14 (Area 106), and 15 (Area 107). Post-excavation soil samples were collected at KD Range (Area 44), the APC, and the J-3 Wetland (Area 23).

The Guard, EPA, and MADEP had a meeting on September 28 to discuss technical issues, including the following:

- Jacobs provided an update on the CS-19 Investigation. The draft RI Memorandum of Resolution (MOR) will be distributed late next week. Draft supplemental elements for the RI were agreed upon at yesterday's RPM meeting and will be documented in a Project Note early next week. The proposed

schedule will be distributed on October 11. General topics that will be outlined include excavation of trenches; two soil borings; synoptic water level round of the northwest corner of the Impact Area; a particle track analysis, three groundwater monitoring well clusters; and puddle sampling. EPA suggested that Jacobs coordinate with Ogden on water levels in the area near the "mound" so as not to duplicate any efforts.

- Jacobs provided an update on the CS-18 Investigation. The UXO portion of the work will be re-bid and is one week behind schedule. They should begin work 10/23/00.
- The Guard provided an update on the Water Supply Study. Revised Zones of Contribution are delayed but should be distributed to the DEP early next week and finalized by October 15. Construction planning for the pipeline and well-head hardware continues.
- Tetra Tech presented an update on the Munitions Survey. A two-page summary was distributed. The Brontosaurus has completed clearing 25 acres of the J-1 Range and continues to clear, following UXO surface clearance. Manual brush cutting/chipping continues in the J-2 Range. 83 of the 130 survey grids in the J-2 Range have been UXO surface cleared, and 25 of those have been fully brush cut. Within the HUTA, the geophysics QC for TP1 is underway, and TP2 is planned for today and tomorrow. A 37mm projectile found three inches below the ground surface in TP1 was BIPed on Tuesday. The interior HUTA road around TP1 is complete. TP2 soil sampling began this week and should be completed by tomorrow. TP2 UXO classification, sampling, and clearance will begin next week. GP10, GP11, and Demo 1 validation have been completed, and Pond validation should be completed today.
- A draft communications plan for the ASR has been submitted to EPA for review and comment. The Guard has also provided letters to the EPA for review/comment regarding the interview process, contracts research, and historical research. Five interviews have been conducted, potential archive sources for military historical information have been identified and contacted, and 104(e) responses have been obtained, copied, and reviewed for contracts research-related materials. Picatinny Arsenal has been contacted for contract records collection and interviews with personnel, which will be scheduled for early October. Other contracting entities that may have been contracted for work at MMR are also being investigated. A meeting will be held on October 10 with parties using GIS to support work at MMR to discuss GIS integration, linkages, and use. USACE will provide a CD-ROM to Tetra Tech with electronic files from the draft ASR that will be used for the prototype. Ogden indicated that a letter was sent to Foster Miller informing them of the penalties for not responding to the 104e request. Ogden indicated that Susquehanna is now owned by a Belgium company and the Guard legal department believes that the US does not have jurisdiction to administer penalties for non-responsiveness.
- Ogden provided an update on the Rapid Response Action. A one-page summary was distributed. The Draft Delineation Sampling Report and the Brice Soil Washing Treatability Study Report have been distributed to the agencies, however no comments have been received to date. The revised version of Envirogen's Treatability Study Report is undergoing intensive internal review/discussion, and waiting on additional information. Regarding the Containment Pad, the asphalt wear course and curbing have been completed, and temporary water storage tanks have been delivered. The water management system is in-place. Intrusive clearance has been completed at GP-7 and KD Range. APC clearance should be completed today. A 155mm projectile was BIPed yesterday (9/27/00). Intrusive clearance is not required at the J-3 Wetland. Within the KD Range, Ogden has completed soil removal at the Current Rocket Firing Point (12 grids), the Former 90 mm Firing Point (2 grids), and the Former Dragon Firing Point (2 grids), and the remaining 7 grids should be removed today. APC excavation should begin today or tomorrow, depending on UXO clearance completion, as well as GP-7 and the J-3 Wetland. All material should be on the pad by the end of this week. Current and upcoming RRA Implementation Activities include collection of post-excavation soil samples, construction of the soil washing plant feed ramp, and modification and setup of the soil washing plant. Soil washing of staged excavated soils should begin during the week of 10/16/00.

- Ogden provided an update on the Groundwater Field Investigation. A one-page summary was distributed. Well installation of MW 124 (P-36) and MW 126 (P-28) were completed this week. Drilling will begin this week on MW 128 (LP-1), MW 129 (D1P1), P-32, and J2P-7. Screens may need to be selected for MW 129 on Friday and MW 128 on Monday. Drilling of wells J1P-3, J2P-5, and J3P-1 will begin next week. It was agreed to only collect groundwater profile samples on P-32 (MW-15 drill pad). Continue with the groundwater sampling of round two of the Impact Area response wells MW-85 through MW-107. Ogden indicated that there may be delays in completing this round due to the HUTA UXO exclusion zones. These delays could preclude completion of the 3rd round of sampling by the end of CY2000. EPA indicated that round 2 should be done as soon as possible working around the HUTA safety zones. Commenced the groundwater sampling of the first round of Impact Area interim supplemental wells (MW-108 through MW-115). Ogden continues to develop newly installed wells. UXO clearance of the J1P-3 and J3P-1 drill pads continues, as well as avoidance flagging at tank targets. Next week UXO clearance will be focused on Impact Area well pads, tank targets, and gravity range supplemental BIP grids. This week soil sampling of J-2 Range grids and J1P-2 will be completed and sampling of J-3 Range and tank targets will begin. Grab samples still need to be taken in the J-2 Range. The locations and analyses of soil samples for J1P-3 disposal pits will be determined during the reconnaissance after the meeting. A diagram of the area where the disposal pit was found was distributed. Air and soil samples were collected during the small arms firing at the SE Range on 9/23/00. Recent data for some J2 Range soil samples suggest interferents in the pesticide/PCB analyses. Using the mass spec, the lab has narrowed the interferent compounds to polychlorinated naphthalenes. Preliminary info suggests these compounds may be constituents of a material named Halowax. EPA requests the location where these samples were taken and a summary of the findings. MADEP plans to comment on draft TM 99-6 and the Guard will prepare an RCL when comments are received.
- Ogden presented a table with the newest explosive detections. The detections at MW-59, -86M2, -87M1, and -87M2 were similar to the previous detections at these wells.
- The revised summary of Filtered vs. Unfiltered Inorganics for Selected Wells was still being prepared.
- There was a discussion about presentation of the HUTA data. The EPA requested a cumulative, electronic update every two weeks and an update 1-2 weeks prior to each IART meeting. Tetra Tech has received some data and the first summary will be provided 10/4/00.
- There was a brief discussion on the revised COC Approach for the FS. EPA will organize their official response to the 9/21/00 proposal within the next three weeks. EPA will be directing the Guard to follow a COC identification process similar to that previously presented by EPA. The EPA has no specific comments on the 9/21/00 Demo 1 schedule.
- Ogden distributed a table of the IAGS document status as of 9/27/00. It was agreed that no comments are needed on the UXO Validation Plan or the RRA Delineation Report. Also, EPA does not expect to comment on the MCP Tier Classification submittals. Regarding the 10/2/00 deadline for the final TM 00-2, the Guard will be submitting a request to modify the schedule in accordance with the reporting process described in the 9/21/00 Demo 1 schedule. Also there will be a request to modify the schedule with respect to draft TM 00-5, in accordance with the proposal in the 8/30/00 MOR for the Impact Area Response Plan.
- EPA requested a schedule for work in the J Ranges. Ogden indicated that they could only provide a preliminary schedule because they do not know when Tetra Tech will be working in the Ranges. Tetra Tech will provide a schedule to Ogden next week.
- EPA will have comments on the DU Workplan next week.
- Next weeks Technical meeting will be located at the Falmouth Holiday Inn.
- The Guard indicated that they have been in discussion with local school principals and selectman about the moving of ordnance during school hours. The Guard will discuss at the selectman's meeting tonight.

- A list of the IART Action Items from the September 7 IART meeting and Agenda for the next meeting were distributed and discussed:
  #1 EPA will look into the change to the TOSC program leadership and the funding.
  #2 and #3 DEP will get the information on the UTES inspection and Secretary Durand request sent out before the meeting.
  #4 Guard will get an answer on the off/site transport and disposal of 155mm projectiles.
  #5 The cross section was discussed at the 9/14/00 Tech Meeting and Ogden will prepare a longitudinal cross-section of CS-19 for the meeting. This will be presented at the 10/5/00 meeting if possible.
  #6 EPA will check with JPO about an all-inclusive map of CS-19 and the Impact Area. This item for further discussion on 10/5/00.
  #7 EPA will check with AFCEE on the request that they reconsider their decision to not make the presentation on CS-19 at the IART.
  #8 AFCEE reported to the EPA on the locations and concentrations of 2,4-DNT in soil (done).
  #9 NGB will ensure that copies of the AFCEE CS-19 report (due in early 2001) are distributed to the IART.
  #10 The small arms firing was conducted but no members of the IART attended. Ogden to email CH2M Hill a summary of what was done.
  #11 It was confirmed that the standard procedure has been to cover the craters with plastic after the detonation.
  #12 The EPA comments on the 3/00 and 4/00 BIP Reports addressed this concern.
  #13 Items to be included in 10/19/00 agenda:
    a. Ogden will discuss investigations in the northwest corner of Camp Edwards in the investigation summary.
    b. The Greenway Road Ranges will be covered in the Other section or as a handout.
    c. ASP investigations will be covered under the investigations update section.
    d. EPA will contact JPO for a briefing on the Upper Cape Water Supply ENF and well location
    e. The Guard will discuss the facilitator.
    f. The RRA will be it's own separate agenda item. The agenda will include the RRA, Role of USACE, Munitions Survey, and Groundwater Study.

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 groundwater 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:

- The soil sample from the detonation crater of a 105mm round on the P-19 drill pad had detections of PETN and 2A-DNT. The detection of 2A-DNT was verified by PDA spectra.

- The groundwater samples from MW-108M4, MW-88M2, and MW-89M2 had detections of RDX and HMX, which were verified by PDA spectra. The detections in MW-88M2 and MW-89M2 are similar to previous sampling rounds. The detections in MW-108M4 were in the first sampling round but were similar to profile results.

- The groundwater samples from MW-86S, MW-89M1, MW-89M3, and MW-95M1 had detections of RDX which were verified by PDA spectra. These detections were similar to the previous sampling round except at MW-89M3, which had no previous detection of explosives.

- The groundwater profile samples from MW-128 had detections of 1,2,4-trichlorobenzene (4 intervals, acetone (8 intervals), MEK (5 intervals), chloroform (13 intervals), 2,6-DNT (1 interval), and nitroglycerin (1 interval). The 2,6-DNT detection was verified by PDA spectra.

- The groundwater profile samples from MW-129 had detections of nitroglycerin (6 intervals), RDX (3 intervals), and picric acid (1 interval). The RDX detections were verified by PDA spectra.

- The initial groundwater profile sample from MW-130 had detections of acetone, MEK, and PCE.

3. DELIVERABLES SUBMITTED

There were no deliverables submitted during the reporting period.

4. SCHEDULED ACTIONS

Scheduled actions for the week of October 2 include well installation at MW-128 (LP-1) and 129 (D1P-1); complete drilling and begin well installation at MW-130 (J2P-7) and MW-15A (P-32); commence drilling at J1P-3 and J3P-1; the continued UXO clearance of the J-1 and J-3 Range drill pads; the continued UXO avoidance flagging at the Impact Area targets; the continued collection of soil samples from grids at the Impact Area targets; and continued groundwater sampling of the Impact Area response wells (MW-85 through MW-115).

5. SUMMARY OF ACTIVITIES FOR DEMO 1

The regulatory agencies have provided comments on the draft FS Workplan for AO3 (including Demo 1) and the draft technical memorandum for the Demo 1 response actions, and the Guard's responses to comments on both documents are being discussed with the agencies.

Validation of munitions survey results by excavation of selected anomalies was completed. Additional deep soil sampling, in accordance with the sampling plan in the draft FS Workplan, will be completed following documentation of the validation results. The Guard will prepare a plan to address the burn pit discovered in Demo 1.

Groundwater profile results for MW-129 (D1P-1), which is located south of MW-114 on the south side of Poccasset-Forestdale Road, indicate that the boring is located along the southern fringe of the Demo 1 RDX plume. Monitoring wells were installed at this location during the week and will be sampled following development. The proposed location for response well D1P-2 will be discussed with the agencies based on the profile results.

TABLE 2
SAMPLING PROGRESS
09/24/2000-09/30/2000

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HCJ1DP1	HCJ1DP1	09/29/2000	CRATER GRAB	0.00	0.25		
HCJ1DP1S	HCJ1DP1S	09/29/2000	CRATER GRAB	0.00	0.25		
HDAPC4.2IN	HDAPC4.2IN	09/29/2000	CRATER GRAB	0.00	0.25		
HDJ1105MM	HDJ1105MM	09/29/2000	CRATER GRAB	0.00	0.25		
HDKD40MM	HDKD40MM	09/25/2000	CRATER GRAB	0.00	0.25		
0.G.0.00004.0.F	FIELDQC	09/27/2000	FIELDQC	0.00	0.00		
0.G.0.00007.0.E	FIELDQC	09/29/2000	FIELDQC	0.00	0.00		
0.G.0.00015.0.T	FIELDQC	09/25/2000	FIELDQC	0.00	0.00		
0.G.0.00016.0.T	FIELDQC	09/27/2000	FIELDQC	0.00	0.00		
0.G.0.00017.0.T	FIELDQC	09/29/2000	FIELDQC	0.00	0.00		
G128DAE	FIELDQC	09/27/2000	FIELDQC	0.00	0.00		
G128DGE	FIELDQC	09/28/2000	FIELDQC	0.00	0.00		
G128DOE	FIELDQC	09/29/2000	FIELDQC	0.00	0.00		
G128DOT	FIELDQC	09/29/2000	FIELDQC	0.00	0.00		
G129DIE	FIELDQC	09/27/2000	FIELDQC	0.00	0.00		
HC102IG1AAE	FIELDQC	09/25/2000	FIELDQC	0.00	0.00		
HC102IG1AAT	FIELDQC	09/25/2000	FIELDQC	0.00	0.00		
HC102IO1AAE	FIELDQC	09/26/2000	FIELDQC	0.00	0.00		
HC102IO1AAT	FIELDQC	09/26/2000	FIELDQC	0.00	0.00		
HC102LD1AAE	FIELDQC	09/27/2000	FIELDQC	0.00	0.00		
HC102LD1AAT	FIELDQC	09/27/2000	FIELDQC	0.00	0.00		
HC14TA1AAT	FIELDQC	09/28/2000	FIELDQC	0.00	0.00		
HD107A1AAE	FIELDQC	09/29/2000	FIELDQC	0.50	1.00		
HDPE44CC1AAE	FIELDQC	09/28/2000	FIELDQC	0.00	0.00		
HDPE44L1AAE	FIELDQC	09/29/2000	FIELDQC	0.00	0.00		
HE14TH1BAT	FIELDQC	09/28/2000	FIELDQC	0.00	0.00		
S130DDE	FIELDQC	09/28/2000	FIELDQC	0.00	0.00		
SYRINGE-ER	FIELDQC	09/27/2000	FIELDQC	0.00	0.00		
1.C.1.00443.3.0	1.C.1.00443.3.0	09/27/2000	GAUZE WIPE				
J1.A.2.00056.3.0	J1.A.2.00056.3.0	09/25/2000	GAUZE WIPE				
J1.A.2.00057.3.0	J1.A.2.00057.3.0	09/25/2000	GAUZE WIPE				
J1.A.2.00058.3.0	J1.A.2.00058.3.0	09/25/2000	GAUZE WIPE				
J1.A.2.00062.3.0	J1.A.2.00062.3.0	09/25/2000	GAUZE WIPE				
J1.B.2.00053.2.0	J1.B.2.00053.2.0	09/28/2000	GAUZE WIPE				
J1.B.2.00061.2.0	J1.B.2.00061.2.0	09/28/2000	GAUZE WIPE				
J1.B.2.00064.2.0	J1.B.2.00064.2.0	09/28/2000	GAUZE WIPE				
J2.A.1.00002.2.0	J2.A.1.00002.2.0	09/25/2000	GAUZE WIPE				
J2.A.1.0002.2.D	J2.A.1.0002.2.0	09/25/2000	GAUZE WIPE				
TA.A.2.00002.3.0	TA.A.2.00002.3.0	09/25/2000	GAUZE WIPE				
W110M1A	MW-110	09/25/2000	GROUNDWATER	315.00	325.00	139.00	149.00
W112M1A	MW-112	09/26/2000	GROUNDWATER	195.00	205.00	54.35	64.35
W112M2A	MW-112	09/26/2000	GROUNDWATER	165.00	175.00	24.20	34.20
W113M1A	MW-113	09/26/2000	GROUNDWATER	240.00	250.00	95.90	105.90

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
09/24/2000-09/30/2000

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W113M2A	MW-113	09/26/2000	GROUNDWATER	190.00	200.00	47.14	57.14
W92M1A	MW-92	09/25/2000	GROUNDWATER	165.00	175.00	23.80	33.80
W92M1D	MW-92	09/25/2000	GROUNDWATER	165.00	175.00	23.80	33.80
W92SSA	MW-92	09/25/2000	GROUNDWATER	139.00	149.00	0.00	10.00
W96M1A	MW-96	09/28/2000	GROUNDWATER	206.00	216.00	69.03	79.03
W96M2A	MW-96	09/28/2000	GROUNDWATER	160.00	170.00	23.00	33.00
W97M1A	MW-97	09/27/2000	GROUNDWATER	235.00	245.00	109.80	135.20
W97M1D	MW-97	09/27/2000	GROUNDWATER	235.00	245.00	109.80	135.20
W97M2A	MW-97	09/27/2000	GROUNDWATER	185.00	195.00	59.80	69.80
W97M3A	MW-97	09/27/2000	GROUNDWATER	140.00	150.00	14.49	24.49
W98M1A	MW-98	09/29/2000	GROUNDWATER	164.00	174.00	24.58	34.58
W98SSA	MW-98	09/29/2000	GROUNDWATER	137.00	147.00	0.00	10.00
W99M1A	MW-99	09/29/2000	GROUNDWATER	195.00	205.00	59.20	69.20
W99SSA	MW-99	09/29/2000	GROUNDWATER	133.00	143.00	0.00	10.00
G128DAA	MW-128	09/26/2000	PROFILE	100.00	100.00	11.25	11.25
G128DBA	MW-128	09/26/2000	PROFILE	110.00	110.00	21.25	21.25
G128DCA	MW-128	09/26/2000	PROFILE	120.00	120.00	31.25	31.25
G128DDA	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25
G128DDD	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25
G128DEA	MW-128	09/27/2000	PROFILE	140.00	140.00	51.25	51.25
G128DFA	MW-128	09/27/2000	PROFILE	150.00	150.00	61.25	61.25
G128DGA	MW-128	09/28/2000	PROFILE	160.00	160.00	71.25	71.25
G128DHA	MW-128	09/28/2000	PROFILE	170.00	170.00	81.25	81.25
G128DIA	MW-128	09/28/2000	PROFILE	190.00	190.00	101.25	101.25
G128DJA	MW-128	09/28/2000	PROFILE	200.00	200.00	111.25	111.25
G128DKA	MW-128	09/28/2000	PROFILE	210.00	210.00	121.25	121.25
G128DLA	MW-128	09/28/2000	PROFILE	220.00	220.00	131.25	131.25
G128DMA	MW-128	09/28/2000	PROFILE	230.00	230.00	141.25	141.25
G128DNA	MW-128	09/28/2000	PROFILE	240.00	240.00	151.25	151.25
G128DOA	MW-128	09/29/2000	PROFILE	250.00	250.00	161.25	161.25
G128DPA	MW-128	09/29/2000	PROFILE	260.00	260.00	171.25	171.25
G128DQA	MW-128	09/29/2000	PROFILE	270.00	270.00	181.25	181.25
G129DAA	MW-129	09/26/2000	PROFILE	85.00	85.00	13.90	13.90
G129DBA	MW-129	09/26/2000	PROFILE	90.00	90.00	18.90	18.90
G129DBD	MW-129	09/26/2000	PROFILE	90.00	90.00	18.90	18.90
G129DCA	MW-129	09/26/2000	PROFILE	100.00	100.00	28.90	28.90
G129DDA	MW-129	09/26/2000	PROFILE	110.00	110.00	38.90	38.90
G129DEA	MW-129	09/26/2000	PROFILE	120.00	120.00	48.90	48.90
G129DFA	MW-129	09/26/2000	PROFILE	130.00	130.00	58.90	58.90
G129DGA	MW-129	09/26/2000	PROFILE	140.00	140.00	68.90	68.90
G129DHA	MW-129	09/26/2000	PROFILE	150.00	150.00	78.90	78.90
G129DIA	MW-129	09/27/2000	PROFILE	160.00	160.00	88.90	88.90
G129DID	MW-129	09/27/2000	PROFILE	160.00	160.00	88.90	88.90
G129DJA	MW-129	09/27/2000	PROFILE	170.00	170.00	98.90	98.90

Profiling methods include: Volatiles and Explosives
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09/24/2000-09/30/2000

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G129DKA	MW-129	09/27/2000	PROFILE	180.00	180.00	108.90	108.90
G129DLA	MW-129	09/27/2000	PROFILE	190.00	190.00	118.90	118.90
G129DMA	MW-129	09/27/2000	PROFILE	200.00	200.00	128.90	128.90
G129DNA	MW-129	09/27/2000	PROFILE	210.00	210.00	138.90	138.90
G129DOA	MW-129	09/27/2000	PROFILE	220.00	220.00	148.90	148.90
G129DPA	MW-129	09/27/2000	PROFILE	230.00	230.00	158.90	158.90
G130DAA	MW-130	09/28/2000	PROFILE	105.00	105.00	0.20	0.20
G130DBA	MW-130	09/29/2000	PROFILE	110.00	110.00	5.20	5.20
G130DBD	MW-130	09/29/2000	PROFILE	110.00	110.00	5.20	5.20
G130DCA	MW-130	09/29/2000	PROFILE	120.00	120.00	15.20	15.20
G130DDA	MW-130	09/29/2000	PROFILE	130.00	130.00	25.20	25.20
G130DEA	MW-130	09/29/2000	PROFILE	140.00	140.00	35.20	35.20
G15ADAA	MW-15A	09/29/2000	PROFILE	121.00	121.00	10.00	10.00
G15ADBA	MW-15A	09/29/2000	PROFILE	130.00	130.00	19.00	19.00
G15ADBD	MW-15A	09/29/2000	PROFILE	130.00	130.00	19.00	19.00
G15ADCA	MW-15A	09/29/2000	PROFILE	140.00	140.00	29.00	29.00
G15ADDA	MW-15A	09/29/2000	PROFILE	150.00	150.00	39.00	39.00
G15ADEA	MW-15A	09/29/2000	PROFILE	160.00	160.00	49.00	49.00
G15ADFA	MW-15A	09/29/2000	PROFILE	170.00	170.00	59.00	59.00
S130DCA	MW-130	09/27/2000	SOIL BORING	10.00	12.00		
S130DDA	MW-130	09/28/2000	SOIL BORING	20.00	22.00		
S130DEA	MW-130	09/28/2000	SOIL BORING	30.00	32.00		
S130DFA	MW-130	09/28/2000	SOIL BORING	40.00	42.00		
S130DGA	MW-130	09/28/2000	SOIL BORING	50.00	52.00		
S130DHA	MW-130	09/28/2000	SOIL BORING	60.00	62.00		
S130DIA	MW-130	09/28/2000	SOIL BORING	70.00	72.00		
S130DID	MW-130	09/28/2000	SOIL BORING	70.00	72.00		
S130DJA	MW-130	09/28/2000	SOIL BORING	80.00	82.00		
S130DKA	MW-130	09/28/2000	SOIL BORING	90.00	92.00		
2.F.0.00001.0.0	2.F.0.00001.0.0	09/26/2000	SOIL GRID				
2.F.0.00001.1.0	2.F.0.00001.1.0	09/26/2000	SOIL GRID				
2.F.0.00002.0.0	2.F.0.00002.0.0	09/26/2000	SOIL GRID				
2.F.0.00002.1.0	2.F.0.00002.1.0	09/26/2000	SOIL GRID				
2.F.0.00003.0.0	2.F.0.00003.0.0	09/26/2000	SOIL GRID				
2.F.0.00003.1.0	2.F.0.00003.1.0	09/26/2000	SOIL GRID				
2.F.0.00004.0.0	2.F.0.00004.0.0	09/26/2000	SOIL GRID				
2.F.0.00004.1.0	2.F.0.00004.1.0	09/26/2000	SOIL GRID				
2.F.0.00005.0.0	2.F.0.00005.0.0	09/26/2000	SOIL GRID				
2.F.0.00005.1.0	2.F.0.00005.1.0	09/26/2000	SOIL GRID				
2.F.0.00006.0.0	2.F.0.00006.0.0	09/26/2000	SOIL GRID				
2.F.0.00006.1.0	2.F.0.00006.1.0	09/26/2000	SOIL GRID				
2.F.0.00007.0.0	2.F.0.00007.0.0	09/26/2000	SOIL GRID				
2.F.0.00007.1.0	2.F.0.00007.1.0	09/26/2000	SOIL GRID				
2.F.0.00008.0.0	2.F.0.00008.0.0	09/28/2000	SOIL GRID				

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
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TABLE 2
SAMPLING PROGRESS
09/24/2000-09/30/2000

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
2.F.0.00008.1.0	2.F.0.00008.1.0	09/28/2000	SOIL GRID				
2.F.0.00009.0.0	2.F.0.00009.0.0	09/28/2000	SOIL GRID				
2.F.0.00009.1.0	2.F.0.00009.1.0	09/28/2000	SOIL GRID				
2.F.0.00010.0.0	2.F.0.00010.0.0	09/28/2000	SOIL GRID				
2.F.0.00010.0.D	2.F.0.00010.0.0	09/28/2000	SOIL GRID				
2.F.0.00010.1.0	2.F.0.00010.1.0	09/28/2000	SOIL GRID				
2.F.0.00010.1.D	2.F.0.00010.1.0	09/28/2000	SOIL GRID				
2.F.0.00011.0.0	2.F.0.00011.0.0	09/28/2000	SOIL GRID				
2.F.0.00011.1.0	2.F.0.00011.1.0	09/28/2000	SOIL GRID				
2.F.0.00012.0.0	2.F.0.00012.0.0	09/28/2000	SOIL GRID				
2.F.0.00012.1.0	2.F.0.00012.1.0	09/28/2000	SOIL GRID				
2.F.0.00013.0.0	2.F.0.00013.0.0	09/28/2000	SOIL GRID				
2.F.0.00013.1.0	2.F.0.00013.1.0	09/28/2000	SOIL GRID				
2.F.0.00014.0.0	2.F.0.00014.0.0	09/28/2000	SOIL GRID				
2.F.0.00014.1.0	2.F.0.00014.1.0	09/28/2000	SOIL GRID				
2.F.0.00015.0.0	2.F.0.00015.0.0	09/28/2000	SOIL GRID				
2.F.0.00015.1.0	2.F.0.00015.1.0	09/28/2000	SOIL GRID				
2.F.0.00016.0.0	2.F.0.00016.0.0	09/28/2000	SOIL GRID				
2.F.0.00016.0.D	2.F.0.00016.0.0	09/28/2000	SOIL GRID				
2.F.0.00016.1.0	2.F.0.00016.1.0	09/28/2000	SOIL GRID				
2.F.0.00016.1.D	2.F.0.00016.1.0	09/28/2000	SOIL GRID				
HC101GA1AAA	101GA	09/27/2000	SOIL GRID	0.00	0.25		
HC101GA1BAA	101GA	09/27/2000	SOIL GRID	0.25	0.50		
HC101GA1CAA	101GA	09/27/2000	SOIL GRID	0.50	1.00		
HC102ID1AAA	102ID	09/26/2000	SOIL GRID	0.00	0.25		
HC102ID1BAA	102ID	09/26/2000	SOIL GRID	0.25	0.50		
HC102ID1CAA	102ID	09/26/2000	SOIL GRID	0.50	1.00		
HC102IE1AAA	102IE	09/26/2000	SOIL GRID	0.00	0.25		
HC102IE1BAA	102IE	09/26/2000	SOIL GRID	0.25	0.50		
HC102IE1CAA	102IE	09/26/2000	SOIL GRID	0.50	1.00		
HC102IF1AAA	102IF	09/26/2000	SOIL GRID	0.00	0.25		
HC102IF1BAA	102IF	09/26/2000	SOIL GRID	0.25	0.50		
HC102IF1CAA	102IF	09/26/2000	SOIL GRID	0.50	1.00		
HC102IG1AAA	102IG	09/25/2000	SOIL GRID	0.00	0.25		
HC102IG1BAA	102IG	09/25/2000	SOIL GRID	0.25	0.50		
HC102IG1CAA	102IG	09/25/2000	SOIL GRID	0.50	1.00		
HC102IH1AAA	102IH	09/25/2000	SOIL GRID	0.00	0.25		
HC102IH1BAA	102IH	09/25/2000	SOIL GRID	0.25	0.50		
HC102IH1CAA	102IH	09/25/2000	SOIL GRID	0.50	1.00		
HC102II1AAA	102II	09/25/2000	SOIL GRID	0.00	0.25		
HC102II1BAA	102II	09/25/2000	SOIL GRID	0.25	0.50		
HC102II1CAA	102II	09/25/2000	SOIL GRID	0.50	1.00		
HC102IJ1AAA	102IJ	09/25/2000	SOIL GRID	0.00	0.25		
HC102IJ1BAA	102IJ	09/25/2000	SOIL GRID	0.25	0.50		

Profiling methods include: Volatiles and Explosives
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Other Sample Types methods are variable
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TABLE 2
SAMPLING PROGRESS
09/24/2000-09/30/2000

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC102IJ1CAA	102IJ	09/25/2000	SOIL GRID	0.50	1.00		
HC102IK1AAA	102IK	09/25/2000	SOIL GRID	0.00	0.25		
HC102IK1BAA	102IK	09/25/2000	SOIL GRID	0.25	0.50		
HC102IK1CAA	102IK	09/25/2000	SOIL GRID	0.50	1.00		
HC102IL1AAA	102IL	09/25/2000	SOIL GRID	0.00	0.25		
HC102IL1BAA	102IL	09/25/2000	SOIL GRID	0.25	0.50		
HC102IL1CAA	102IL	09/25/2000	SOIL GRID	0.50	1.00		
HC102IM1AAA	102IM	09/25/2000	SOIL GRID	0.00	0.25		
HC102IM1BAA	102IM	09/25/2000	SOIL GRID	0.25	0.50		
HC102IM1CAA	102IM	09/25/2000	SOIL GRID	0.50	1.00		
HC102IN1AAA	102IN	09/25/2000	SOIL GRID	0.00	0.25		
HC102IN1AAA	102IN	09/26/2000	SOIL GRID	0.00	0.25		
HC102IN1AAD	102IN	09/25/2000	SOIL GRID	0.00	0.25		
HC102IN1AAD	102IN	09/26/2000	SOIL GRID	0.00	0.25		
HC102IN1BAA	102IN	09/25/2000	SOIL GRID	0.25	0.50		
HC102IN1BAA	102IN	09/26/2000	SOIL GRID	0.25	0.50		
HC102IN1CAA	102IN	09/25/2000	SOIL GRID	0.50	1.00		
HC102IN1CAA	102IN	09/26/2000	SOIL GRID	0.50	1.00		
HC102IO1AAA	102IO	09/26/2000	SOIL GRID	0.00	0.25		
HC102IO1BAA	102IO	09/26/2000	SOIL GRID	0.25	0.50		
HC102IO1CAA	102IO	09/26/2000	SOIL GRID	0.50	1.00		
HC102LA1AAA	102LA	09/26/2000	SOIL GRID	0.00	0.25		
HC102LA1BAA	102LA	09/26/2000	SOIL GRID	0.25	0.50		
HC102LA1CAA	102LA	09/26/2000	SOIL GRID	0.50	1.00		
HC102LB1AAA	102LB	09/26/2000	SOIL GRID	0.00	0.25		
HC102LB1BAA	102LB	09/26/2000	SOIL GRID	0.25	0.50		
HC102LB1CAA	102LB	09/26/2000	SOIL GRID	0.50	1.00		
HC102LD1AAA	102LD	09/27/2000	SOIL GRID	0.00	0.25		
HC102LD1BAA	102LD	09/27/2000	SOIL GRID	0.25	0.50		
HC102LD1CAA	102LD	09/27/2000	SOIL GRID	0.50	1.00		
HC102NA1AAA	102NA	09/26/2000	SOIL GRID	0.00	0.25		
HC102NA1BAA	102NA	09/26/2000	SOIL GRID	0.25	0.50		
HC102NA1CAA	102NA	09/26/2000	SOIL GRID	0.50	1.00		
HC102NB1AAA	102NB	09/26/2000	SOIL GRID	0.00	0.25		
HC102NB1BAA	102NB	09/26/2000	SOIL GRID	0.25	0.50		
HC102NB1CAA	102NB	09/26/2000	SOIL GRID	0.50	1.00		
HC102TA1AAA	102TA	09/28/2000	SOIL GRID	0.00	0.25		
HC102TA1BAA	102TA	09/28/2000	SOIL GRID	0.25	0.50		
HC102TA1CAA	102TA	09/28/2000	SOIL GRID	0.50	1.00		
HC102TB1AAA	102TB	09/28/2000	SOIL GRID	0.00	0.25		
HC102TB1BAA	102TB	09/28/2000	SOIL GRID	0.25	0.50		
HC102TB1CAA	102TB	09/28/2000	SOIL GRID	0.50	1.00		
HC102TC1AAA	102TC	09/28/2000	SOIL GRID	0.00	0.25		
HC102TC1BAA	102TC	09/28/2000	SOIL GRID	0.25	0.50		

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TABLE 2
SAMPLING PROGRESS
09/24/2000-09/30/2000

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC102TC1CAA	102TC	09/28/2000	SOIL GRID	0.50	1.00		
HC102TD1AAA	102TD	09/28/2000	SOIL GRID	0.00	0.25		
HC102TD1BAA	102TD	09/28/2000	SOIL GRID	0.25	0.50		
HC102TD1CAA	102TD	09/28/2000	SOIL GRID	0.50	1.00		
HC102TE1AAA	102TE	09/29/2000	SOIL GRID	0.00	0.25		
HC102TE1BAA	102TE	09/29/2000	SOIL GRID	0.25	0.50		
HC102TE1CAA	102TE	09/29/2000	SOIL GRID	0.50	1.00		
HC102TF1AAA	102TF	09/29/2000	SOIL GRID	0.00	0.25		
HC102TF1BAA	102TF	09/29/2000	SOIL GRID	0.25	0.50		
HC102TF1CAA	102TF	09/29/2000	SOIL GRID	0.50	1.00		
HC102TG1AAA	102TG	09/28/2000	SOIL GRID	0.00	0.25		
HC102TG1BAA	102TG	09/28/2000	SOIL GRID	0.25	0.50		
HC102TG1CAA	102TG	09/28/2000	SOIL GRID	0.50	1.00		
HC102TH1AAA	102TH	09/28/2000	SOIL GRID	0.00	0.25		
HC102TH1BAA	102TH	09/28/2000	SOIL GRID	0.25	0.50		
HC102TH1CAA	102TH	09/28/2000	SOIL GRID	0.50	1.00		
HC105A1AAA	105A	09/27/2000	SOIL GRID	0.00	0.25		
HC105A1BAA	105A	09/27/2000	SOIL GRID	0.25	0.50		
HC105A1CAA	105A	09/27/2000	SOIL GRID	0.50	1.00		
HC105B1AAA	105B	09/27/2000	SOIL GRID	0.00	0.25		
HC105B1BAA	105B	09/27/2000	SOIL GRID	0.25	0.50		
HC105B1CAA	105B	09/28/2000	SOIL GRID	0.00	0.25		
HC106A1AAA	106A	09/28/2000	SOIL GRID	0.00	0.25		
HC106A1BAA	106A	09/28/2000	SOIL GRID	0.25	0.50		
HC106A1CAA	106A	09/28/2000	SOIL GRID	0.50	1.00		
HC106B1AAA	106B	09/28/2000	SOIL GRID	0.00	0.25		
HC106B1BAA	106B	09/29/2000	SOIL GRID	0.25	0.50		
HC106B1CAA	106B	09/29/2000	SOIL GRID	0.50	1.00		
HC107A1AAA	107A	09/29/2000	SOIL GRID	0.00	0.25		
HC107A1BAA	107A	09/29/2000	SOIL GRID	0.25	0.50		
HC107A1CAA	107A	09/29/2000	SOIL GRID	0.50	1.00		
HC107A7CAA	107A	09/29/2000	SOIL GRID	0.50	1.00		
HD103EA1AAA	103E	09/29/2000	SOIL GRID	0.00	0.25		
HD103EA2AAA	103E	09/29/2000	SOIL GRID	0.00	0.25		
HD103EA3AAA	103E	09/29/2000	SOIL GRID	0.00	0.25		
HD103EA4AAA	103E	09/29/2000	SOIL GRID	0.00	0.25		
HD103EA5AAA	103E	09/29/2000	SOIL GRID	0.00	0.25		
HD105A1AAA	105A	09/27/2000	SOIL GRID	0.00	0.25		
HD105A1BAA	105A	09/27/2000	SOIL GRID	0.25	0.50		
HD105A1CAA	105A	09/27/2000	SOIL GRID	0.50	1.00		
HD105A3AAA	105A	09/27/2000	SOIL GRID	0.00	0.25		
HD105A3BAA	105A	09/27/2000	SOIL GRID	0.25	0.50		
HD105A3CAA	105A	09/27/2000	SOIL GRID	0.50	1.00		
HD105A5AAA	105A	09/27/2000	SOIL GRID	0.00	0.25		

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TABLE 2
SAMPLING PROGRESS
09/24/2000-09/30/2000

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD105A5BAA	105A	09/27/2000	SOIL GRID	0.25	0.50		
HD105A5CAA	105A	09/27/2000	SOIL GRID	0.50	1.00		
HD105A7AAA	105A	09/27/2000	SOIL GRID	0.00	0.25		
HD105A7BAA	105A	09/27/2000	SOIL GRID	0.25	0.50		
HD105A7CAA	105A	09/27/2000	SOIL GRID	0.50	1.00		
HD105B1AAA	105B	09/27/2000	SOIL GRID	0.00	0.25		
HD105B1BAA	105B	09/27/2000	SOIL GRID	0.25	0.50		
HD105B1CAA	105B	09/28/2000	SOIL GRID	0.00	0.25		
HD105B3AAA	105B	09/27/2000	SOIL GRID	0.00	0.25		
HD105B3BAA	105B	09/27/2000	SOIL GRID	0.25	0.50		
HD105B3CAA	105B	09/28/2000	SOIL GRID	0.00	0.25		
HD105B5AAA	105B	09/27/2000	SOIL GRID	0.00	0.25		
HD105B5BAA	105B	09/27/2000	SOIL GRID	0.25	0.50		
HD105B5CAA	105B	09/28/2000	SOIL GRID	0.00	0.25		
HD105B7AAA	105B	09/27/2000	SOIL GRID	0.00	0.25		
HD105B7BAA	105B	09/27/2000	SOIL GRID	0.25	0.50		
HD105B7CAA	105B	09/28/2000	SOIL GRID	0.00	0.25		
HD106A1AAA	106A	09/28/2000	SOIL GRID	0.00	0.25		
HD106A1BAA	106A	09/28/2000	SOIL GRID	0.25	0.50		
HD106A1CAA	106A	09/28/2000	SOIL GRID	0.50	1.00		
HD106A3AAA	106A	09/28/2000	SOIL GRID	0.00	0.25		
HD106A3BAA	106A	09/28/2000	SOIL GRID	0.25	0.50		
HD106A3CAA	106A	09/28/2000	SOIL GRID	0.50	1.00		
HD106A5AAA	106A	09/28/2000	SOIL GRID	0.00	0.25		
HD106A5BAA	106A	09/28/2000	SOIL GRID	0.25	0.50		
HD106A5CAA	106A	09/28/2000	SOIL GRID	0.50	1.00		
HD106A7AAA	106A	09/28/2000	SOIL GRID	0.00	0.25		
HD106A7BAA	106A	09/28/2000	SOIL GRID	0.25	0.50		
HD106A7CAA	106A	09/28/2000	SOIL GRID	0.50	1.00		
HD106B1AAA	106B	09/28/2000	SOIL GRID	0.00	0.25		
HD106B1BAA	106B	09/29/2000	SOIL GRID	0.25	0.50		
HD106B1CAA	106B	09/29/2000	SOIL GRID	0.50	1.00		
HD106B3AAA	106B	09/28/2000	SOIL GRID	0.00	0.25		
HD106B3BAA	106B	09/29/2000	SOIL GRID	0.25	0.50		
HD106B3CAA	106B	09/29/2000	SOIL GRID	0.50	1.00		
HD106B5AAA	106B	09/28/2000	SOIL GRID	0.00	0.25		
HD106B5BAA	106B	09/29/2000	SOIL GRID	0.25	0.50		
HD106B5CAA	106B	09/29/2000	SOIL GRID	0.50	1.00		
HD106B7AAA	106B	09/28/2000	SOIL GRID	0.00	0.25		
HD106B7BAA	106B	09/29/2000	SOIL GRID	0.25	0.50		
HD106B7CAA	106B	09/29/2000	SOIL GRID	0.50	1.00		
HD107A1AAA	107A	09/29/2000	SOIL GRID	0.00	0.25		
HD107A1BAA	107A	09/29/2000	SOIL GRID	0.25	0.50		
HD107A1CAA	107A	09/29/2000	SOIL GRID	0.50	1.00		

Profiling methods include: Volatiles and Explosives
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TABLE 2
SAMPLING PROGRESS
09/24/2000-09/30/2000

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD107A3AAA	107A	09/29/2000	SOIL GRID	0.00	0.25		
HD107A3BAA	107A	09/29/2000	SOIL GRID	0.25	0.50		
HD107A3CAA	107A	09/29/2000	SOIL GRID	0.50	1.00		
HD107A5AAA	107A	09/29/2000	SOIL GRID	0.00	0.25		
HD107A5BAA	107A	09/29/2000	SOIL GRID	0.25	0.50		
HD107A5CAA	107A	09/29/2000	SOIL GRID	0.50	1.00		
HD107A7AAA	107A	09/29/2000	SOIL GRID	0.00	0.25		
HD107A7BAA	107A	09/29/2000	SOIL GRID	0.25	0.50		
HDPE17L1AAA	17L	09/29/2000	SOIL GRID				
HDPE44B1AAA	44B	09/28/2000	SOIL GRID				
HDPE44C1AAA	44C	09/28/2000	SOIL GRID				
HDPE44CA1AAA	44CA	09/28/2000	SOIL GRID				
HDPE44CAB1AAA	44CA	09/28/2000	SOIL GRID				
HDPE44CC1AAA	44CC	09/28/2000	SOIL GRID				
HDPE44D1AAA	44D	09/28/2000	SOIL GRID				
HDPE44DA1AAA	44DA	09/28/2000	SOIL GRID				
HDPE44DAA1AAA	44DA	09/28/2000	SOIL GRID				
HDPE44DAB1AAA	44DA	09/28/2000	SOIL GRID				
HDPE44E1AAA	44E	09/28/2000	SOIL GRID				
HDPE44EC1AAA	44EC	09/28/2000	SOIL GRID				
HDPE44F1AAA	44F	09/28/2000	SOIL GRID				
HDPE44G1AAA	44G	09/28/2000	SOIL GRID				
HDPE44I1AAA	44I	09/28/2000	SOIL GRID				
HDPE44IC1AAA	44IC	09/28/2000	SOIL GRID				
HDPE44J1AAA	44J	09/29/2000	SOIL GRID				
HDPE44K1AAA	44K	09/29/2000	SOIL GRID				
HDPE44L1AAA	44L	09/29/2000	SOIL GRID				
HDPE44M1AAA	44M	09/29/2000	SOIL GRID				
HDPE44N1AAA	44N	09/29/2000	SOIL GRID				
HDPE44T1AAA	44T	09/28/2000	SOIL GRID				
HDPE44U1AAA	44U	09/28/2000	SOIL GRID				
HDPEAPC1AAA	APC1A	09/29/2000	SOIL GRID				
HDPEAPC2AAA	APC2A	09/29/2000	SOIL GRID				
HDPEAPC3AAA	APC3A	09/29/2000	SOIL GRID				
HDPEAPC3BAAA	APC3B	09/29/2000	SOIL GRID				
HDPEAPC3BAAD	APC3B	09/29/2000	SOIL GRID				
HDPEAPC3BBAAA	APC3B	09/29/2000	SOIL GRID				
HDPEAPC3CAAA	APC3C	09/29/2000	SOIL GRID				
HDPEJ3AAA	23	09/29/2000	SOIL GRID				
J1.B.2.00053.1.0	J1.B.2.00053.1.0	09/28/2000	SOIL GRID				
J1.B.2.00061.1.0	J1.B.2.00061.1.0	09/28/2000	SOIL GRID				
J1.B.2.00064.1.0	J1.B.2.00064.1.0	09/28/2000	SOIL GRID				
J2.A.1.00002.1.0	J2.A.1.00002.1.0	09/25/2000	SOIL GRID				
J1DPIRW	J1DPIRW	09/29/2000	SURFACE WATER	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 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 9/10/00-9/30/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
HDP19105MMSS	HDP19105MMSS2	09/20/2000	CRATER GRID	0.00	0.25			8330N	2-AMINO-4,6-DINITROTOLUENE	YES
HDP19105MMSS	HDP19105MMSS2	09/20/2000	CRATER GRID	0.00	0.25			8330N	PENTAERYTHRITOL TETRANITR	NO
W108M4A	MW-108	09/22/2000	GROUNDWATER	240.00	250.00	73.41	83.41	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W108M4A	MW-108	09/22/2000	GROUNDWATER	240.00	250.00	73.41	83.41	8330N	OCTAHYDRO-1,3,5,7-TETRANITF	YES
W86SSA	MW-86	09/18/2000	GROUNDWATER	143.00	153.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W88M2A	MW-88	09/21/2000	GROUNDWATER	213.00	223.00	99.80	109.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W88M2A	MW-88	09/21/2000	GROUNDWATER	213.00	223.00	99.80	109.80	8330N	OCTAHYDRO-1,3,5,7-TETRANITF	YES
W89M1A	MW-89	09/21/2000	GROUNDWATER	234.00	244.00	89.30	99.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W89M2A	MW-89	09/21/2000	GROUNDWATER	214.00	224.00	78.10	88.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W89M2A	MW-89	09/21/2000	GROUNDWATER	214.00	224.00	78.10	88.10	8330N	OCTAHYDRO-1,3,5,7-TETRANITF	YES
W89M3A	MW-89	09/21/2000	GROUNDWATER	174.00	184.00	29.00	39.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W95M1A	MW-95	09/21/2000	GROUNDWATER	202.00	212.00	74.70	84.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W95M1D	MW-95	09/21/2000	GROUNDWATER	202.00	212.00	74.70	84.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G128DAA	MW-128	09/26/2000	PROFILE	100.00	100.00	11.25	11.25	8330N	NITROGLYCERIN	NO
G128DAA	MW-128	09/26/2000	PROFILE	100.00	100.00	11.25	11.25	OC21V	1,2,4-TRICHLOROBENZENE	
G128DAA	MW-128	09/26/2000	PROFILE	100.00	100.00	11.25	11.25	OC21V	ACETONE	
G128DAA	MW-128	09/26/2000	PROFILE	100.00	100.00	11.25	11.25	OC21V	CHLOROFORM	
G128DAA	MW-128	09/26/2000	PROFILE	100.00	100.00	11.25	11.25	OC21V	METHYL ETHYL KETONE (2-BUT.	
G128DBA	MW-128	09/26/2000	PROFILE	110.00	110.00	21.25	21.25	8330N	2,6-DINITROTOLUENE	YES
G128DBA	MW-128	09/26/2000	PROFILE	110.00	110.00	21.25	21.25	OC21V	1,2,4-TRICHLOROBENZENE	
G128DBA	MW-128	09/26/2000	PROFILE	110.00	110.00	21.25	21.25	OC21V	ACETONE	
G128DBA	MW-128	09/26/2000	PROFILE	110.00	110.00	21.25	21.25	OC21V	CHLOROFORM	
G128DBA	MW-128	09/26/2000	PROFILE	110.00	110.00	21.25	21.25	OC21V	METHYL ETHYL KETONE (2-BUT.	
G128DCA	MW-128	09/26/2000	PROFILE	120.00	120.00	31.25	31.25	OC21V	1,2,4-TRICHLOROBENZENE	
G128DCA	MW-128	09/26/2000	PROFILE	120.00	120.00	31.25	31.25	OC21V	ACETONE	
G128DCA	MW-128	09/26/2000	PROFILE	120.00	120.00	31.25	31.25	OC21V	CHLOROFORM	
G128DCA	MW-128	09/26/2000	PROFILE	120.00	120.00	31.25	31.25	OC21V	METHYL ETHYL KETONE (2-BUT.	
G128DDA	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25	OC21V	1,2,4-TRICHLOROBENZENE	
G128DDA	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25	OC21V	ACETONE	
G128DDA	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25	OC21V	CHLOROFORM	
G128DDA	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25	OC21V	METHYL ETHYL KETONE (2-BUT.	
G128DDD	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25	OC21V	1,2,4-TRICHLOROBENZENE	
G128DDD	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25	OC21V	ACETONE	

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 9/10/00-9/30/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G128DDD	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25	OC21V	CHLOROFORM	
G128DDD	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25	OC21V	METHYL ETHYL KETONE (2-BUT.	
G128DEA	MW-128	09/27/2000	PROFILE	140.00	140.00	51.25	51.25	OC21V	CHLOROFORM	
G128DFA	MW-128	09/27/2000	PROFILE	150.00	150.00	61.25	61.25	OC21V	ACETONE	
G128DFA	MW-128	09/27/2000	PROFILE	150.00	150.00	61.25	61.25	OC21V	METHYL ETHYL KETONE (2-BUT.	
G128DGA	MW-128	09/28/2000	PROFILE	160.00	160.00	71.25	71.25	OC21V	ACETONE	
G128DHA	MW-128	09/28/2000	PROFILE	170.00	170.00	81.25	81.25	OC21V	ACETONE	
G128DJA	MW-128	09/28/2000	PROFILE	200.00	200.00	111.25	111.25	OC21V	ACETONE	
G128DJA	MW-128	09/28/2000	PROFILE	200.00	200.00	111.25	111.25	OC21V	CHLOROFORM	
G128DKA	MW-128	09/28/2000	PROFILE	210.00	210.00	121.25	121.25	OC21V	CHLOROFORM	
G128DLA	MW-128	09/28/2000	PROFILE	220.00	220.00	131.25	131.25	OC21V	CHLOROFORM	
G128DMA	MW-128	09/28/2000	PROFILE	230.00	230.00	141.25	141.25	OC21V	CHLOROFORM	
G128DNA	MW-128	09/28/2000	PROFILE	240.00	240.00	151.25	151.25	OC21V	CHLOROFORM	
G128DOA	MW-128	09/29/2000	PROFILE	250.00	250.00	161.25	161.25	OC21V	CHLOROFORM	
G128DPA	MW-128	09/29/2000	PROFILE	260.00	260.00	171.25	171.25	OC21V	CHLOROFORM	
G128DQA	MW-128	09/29/2000	PROFILE	270.00	270.00	181.25	181.25	OC21V	CHLOROFORM	
G129DAA	MW-129	09/26/2000	PROFILE	85.00	85.00	13.90	13.90	8330N	NITROGLYCERIN	NO
G129DBA	MW-129	09/26/2000	PROFILE	90.00	90.00	18.90	18.90	8330N	NITROGLYCERIN	NO
G129DBD	MW-129	09/26/2000	PROFILE	90.00	90.00	18.90	18.90	8330N	NITROGLYCERIN	NO
G129DCA	MW-129	09/26/2000	PROFILE	100.00	100.00	28.90	28.90	8330N	NITROGLYCERIN	NO
G129DDA	MW-129	09/26/2000	PROFILE	110.00	110.00	38.90	38.90	8330N	NITROGLYCERIN	NO
G129DEA	MW-129	09/26/2000	PROFILE	120.00	120.00	48.90	48.90	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G129DEA	MW-129	09/26/2000	PROFILE	120.00	120.00	48.90	48.90	8330N	NITROGLYCERIN	NO
G129DFA	MW-129	09/26/2000	PROFILE	130.00	130.00	58.90	58.90	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G129DFA	MW-129	09/26/2000	PROFILE	130.00	130.00	58.90	58.90	8330N	NITROGLYCERIN	NO
G129DGA	MW-129	09/26/2000	PROFILE	140.00	140.00	68.90	68.90	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G129DIA	MW-129	09/27/2000	PROFILE	160.00	160.00	88.90	88.90	8330N	PICRIC ACID	NO
G130DAA	MW-130	09/28/2000	PROFILE	105.00	105.00	0.20	0.20	OC21V	ACETONE	
G130DAA	MW-130	09/28/2000	PROFILE	105.00	105.00	0.20	0.20	OC21V	METHYL ETHYL KETONE (2-BUT.	
G130DAA	MW-130	09/28/2000	PROFILE	105.00	105.00	0.20	0.20	OC21V	TETRACHLOROETHYLENE(PCE)	

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.
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PDA/YES = Photo Diode Array, Detect Confirmed
PDA/NO = Photo Diode Array, Detect Not Confirmed

Groundwater Wells at MMR

LEGEND

- Existing Monitoring Well
- Proposed Monitoring Well
- Proposed Supply Well

0 0.5 1 Miles

See Inset A

See Inset B

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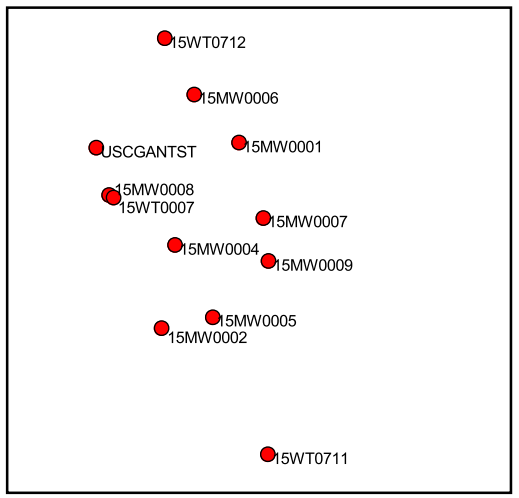
September 29, 2000

N

Groundwater Wells at MMR - Insets



Inset A

0 100 200 Feet

N

Inset B

0 400 800 Feet

N

J3P-1
J1P-3
TEXTRONPW-1
90MW0029B
90LWA0007
90WT0006
MW-45
MW-30
LP-3
90WT0003
LP-4
90MW0013
90MW0051
90MW0021
90WT0019
90LWA0002
90WT0013
90WT0004
J3P-5
J3P-10
90WT0015
90MW0014
90LWA0003
J3P-4
J3P-7
90MW0061
LP-2
J3P-3
90MW0038
90MW0041
90MW0037
J3P-6
90MW0022
90MW0019
J3P-2
Greenway Rd
90MW0034
90MW0036
90MW0001
90MW0062
90MW0052
90WT0005
J3P-8
90MW0004
90MW0070
90MW0063
90MW0071
Greenway Rd By Pass
90MW0005
90MW0054
96GMW0058
90MW0035
90MW0072A
90MW0080
RS0007RACC
DP-6
96MP0059B
90MW0006
90MW0012
90MW0044
90PZ0211
90MW0009
90MW0018
90MW0060
Raccoon Ln
90PZ0209
90MW0033
90WT0010
RS0005RACC
RS0008RACC
90PZ0201
90PZ0203
90MW0010
SAPWSSMR1
90PZ0202
90PZ0204
90MW0020
90PZ0207
90PZ0205
ECPZSNP03B
90MW0059
90MW0024
RS0003RACC
90PZ0208
RS0039ARND
ECMWSNP02
90MW0000A
90MW0086A
RS0033ARND
90PZ01A01
90MW0025
ECPZSNP04B
90MW0027
90MW0026
ECMWSNP01
RS0040ARND
90MW0028
RS0034ARND
90MW0049
90MW0067
RS0024ARND
RS0036ARND
ECPZSNP01
90MW0042
90WT0008
ECMWSNP03
ECPZSNP05B
ECPZSNP01A
90MW0P05
90MW0P03
RS0015ARND
90MW0065
RS0018OSNK
ECPZSNP12
ECPZSNP09B
90MW0040
90MW0P02
90MW0079A
90MW0087A
Arnold Rd
ECPZSNP06D
90MW0050
90MW0P06
90MW0053
RS0003ARND
90MW0P06A
96MW0002
90MW0088A
RS0014ARND
90MW0082A
Old Snake Pond Rd
RS0010ARND
ECPZSNP02
90MW0077
RS0012OSNK
90MW0078
ECPZSNP17
90MW0047
90MW0068
RS0006OSNK
90MW0056
90MW0083
90MW0089A
21GMW0058
ECPZSNP13
90MW0057
90MW0085A
96MW0006A
RS0004OSNK
90MW0090A
RS0011OSNK
ECPZSNP16
RS0002OSNK
90MW0091A
96MW0012
ECPZSNP02B
To Sndwch. Gate
RS0021GRAC
96MW0020
ECPZWK01
ECPZSNP15
Route 130
4261000-05G

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September 29, 2000