WEEKLY PROGRESS UPDATE
FOR SEPTEMBER 18 – SEPTEMBER 22, 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 18 to September 22, 2000.

1. SUMMARY OF ACTIONS TAKEN

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

Table 1. Drilling progress as of September 22, 2000

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-123	Impact Area Response Well P-35	300	158	139-149 236-246 291-301
MW-124	Impact Area Response Well P-36	300	167	
MW-125	J-3 Range (J3P-9)	260	209	50-60 232-242
MW-126	Impact Area Response Well P-28	271	170	
MW-127	J-1 Range (J1P-10)	111	10	99-109

bgs = below ground surface
bwt = below water table

Completed drilling and well installation on MW-123 (P-35), MW-125 (J3P-9), and MW-127 (J1P-10). Completed drilling on MW-124 (P-36) and MW-126 (P-28). Commenced drilling on MW-125 (J3P-9). Continued UXO clearance of J-1 Range drill pads. Completed the separation of materials from the J-1 Range Popper Kettle. Development of newly installed wells continued.

Samples collected during the reporting period are summarized in Table 2. Soil samples were collected from grids on the J-2 Range (Area 101) and J-3 Range (Area 102). Soil samples were collected from the supplemental BIP grids at Target 9 and the P-19 drill pad. Groundwater sample collection was completed for the August Long Term Monitoring wells, was started for the second round of Impact Area response wells MW-85 through MW-107, and was also started for the first round of Impact Area response wells MW-108 through MW-115. Groundwater profile samples were collected during the drilling of MW-125 and MW-126. A soil sample was collected from a detonation crater in Test Plot 1 of the HUTA.

The Guard, EPA, and MADEP had a meeting on September 21 to discuss technical issues, including the following:

- Jacobs provided an update on the CS-19 Investigation. A meeting was held last week on the comment resolution for the Memorandum of Resolution (MOR). A draft schedule for Remedial Investigations (RI) and Feasibility Study (FS), and a draft table of contents for the Supplemental RI Workplan were distributed to the agencies. FS work is factored into the first portion of the schedule followed by a lag for the FS until the Supplemental RI gets completed. The table of contents is based on the CS-18 work plan. Jacobs will be working with Tetra Tech to make sure UXO survey methods are compatible. Soil sampling will be done at 58MW0002. Groundwater wells will be installed near

existing wells 58MW0018, 58MW0007, and 71MW0111. AFCEE is requesting feedback from the agencies as part of the MOR process. Jacobs is continuing to evaluate screening and Remedial Action Objectives (RAO). The Draft RAO will be issued within the next two weeks. The EPA inquired about CS-18 (Gun Position 9), and requests that an update on the work be added to the technical meeting weekly agenda. Jacobs has had notice to proceed on CS-18 and will hold a project kick off meeting to begin Phase I. They should begin in the field in the next three weeks.

- The USACE gave an update on the Water Supply Study. Jacobs has submitted the initial Zone IIs for internal review and JPO expects these will be finalized and distributed to DEP this month. There has been delay due to recalibration of the model.
- Tetra Tech gave an update on the Munitions Survey. A 1-page summary was distributed. J-1 and J-2 brush cutting/chipping continues. High Use Target Area (HUTA) item identification activity includes UXO clearance of internal roads, and detailed geophysical survey in Test Plot 1 (TP1). The selection of TP2 to TP6 is awaiting approval. Geophysical survey is having complications due to the deep craters throughout the area. A sample diagram of the topography of the HUTA was distributed. Tetra Tech explained that this topography is such that standard geophysics equipment are not correctly locating anomalies. They have proposed modifications to the method and leveling the ground surface. The test excavation will be done today. The Guard requests a video of the excavation activity. A plan view diagram of the HUTA was distributed, and a color plan view diagram representing the strength of anomaly detections at the HUTA was shown. GP-11 validation continues. EPA requested to check on the soil sampling under the booster located in GP-11.
- Ogden presented an update on the Rapid Response Action. A 1-page summary was distributed. The Draft Delineation Sampling Report was distributed to the agencies on 9/1/00 and no comments have been received as of yet. The preliminary version of Envirogen's treatability study report (received 9/12/00) will be reviewed next week with the Guard and presented to the agencies the following week. Containment pad construction continues: Rough grade and proof rolling was completed (9/14/00), stormwater collection sumps placed (9/18/00), the base stone placement and compaction has been completed (9/19/00), and paving should be completed on or before Monday (9/25/00). UXO intrusive clearance has been completed at GP-7 (9/12/00) and KD Range (9/19/00). Two items will tentatively be blown in place (BIPed) on 9/26/00. Intrusive clearance continues at APC and should be completed by 9/26/00. Soil excavation and construction of soil washing plant feed ramp should begin on Monday (9/25/00) and collection of stormwater will begin when the first load of excavated soils are staged in receiving portion of the containment pad. Modification and setup of soil washing plant will begin during the week of 10/2/00, and soil washing will start during the week of 10/16/00. EPA indicated that they would require two weeks to review Envirogen's report before work starts.
- Ogden presented an update on the Groundwater Field Investigation. A 1-page summary was distributed, along with a revised map showing well locations with insets. Well installation of MW-123 (P-35) and MW-124 (P-36) will be completed this week. Drilling has been completed on MW-127 (J1P-10), MW-125 (J3P-9), and MW-126 (P-28), and drilling should commence on LP-1 and J2P-5. Screens should be selected for MW-125 and MW-126 by tomorrow (9/22/00). Next week drilling will begin on D1P-1, J2P-7, and J3P-1. Newly installed wells continue to be developed. Groundwater sampling of the August LTM round has been completed and round two of the Central Impact Area response wells (MW-85 through MW-107) has begun. UXO clearance continues for the J-1 drilling pads and UXO avoidance continues at J-1 soil grids. J-1 Range Popper Kettle debris has been separated into categories of ordnance, metal debris, and ash and contained in drums. UXO will be sent to the CDC. Next week and into early October UXO clearance will continue on Central Impact Area well pads, Tank Targets, and gravity range supplemental BIP grids. Soil is being sampled of supplemental BIP grids at P-19 and Target 9, and J-2 Range soil grids should be finished this week. Tank Target grids will be sampled next week.
- Ogden distributed a handout of the newest groundwater detects (9/10/00-9/16/00), which will be included in the next weekly report. The newest detects are similar to previous sampling rounds. There will be more groundwater results in the next few weeks from the August LTM sampling.

- A discussion arose on the issue of adding titanium as an analyte for specific samples from the J Ranges. EPA has suggested that it be done to help confirm site history.
- Ogden distributed a memorandum on the evaluation of filtered versus non-filtered groundwater samples for metals in select IAGWSP monitoring wells. (Five of the suggested wells were missed in the August LTM sampling round.) The results did not demonstrate a pervasive trend in metals results relative to the type of sample. It was suggested that Table 1 in the memo be revised to show all of the requested wells (regardless of whether there was an exceedance), and all years of sampling, and the type of drinking water standard. EPA requested that this table be forwarded to USGS.
- Ogden distributed a table of the Soil Ash Results from the J-1 Popper Kettle. It was clarified that this sample was the one requested by EPA during the site walk after the initial samples were collected.
- There was a discussion on the FS Workplan Response to Comments Letter. DEP would like comment #8 withdrawn, and on page 39 they couldn't see the relationship between the response and their previous comments. DEP will send a letter regarding that issue.
- The Guard requested a written response from the agencies to the Draft UXO FS approach that was distributed last week.
- A letter transmitting the Revised Draft COC Identification Process was distributed and discussed. The differences between the this proposal and EPA's proposal discussed at last week's Tech Meeting were highlighted (inclusion of site specific modeling to determine COCs based on leaching to groundwater and eliminating compounds based on frequency, artifacts, and nutrients at the COPC stage). EPA requested that Ogden provide a list of artifacts and essential nutrients for the agencies to review. EPA also questioned the process and timeline to complete the modeling efforts regarding migration to groundwater. Ogden indicated that EPA Soil Screening Level Guidance would be followed and that the guidance suggests that where site conditions don't match their model site-specific numbers should be calculated. Ogden indicated that this could be done relatively fast and would not be in the critical path for the FS. The modeling would be done utilizing the EPA developed SESOIL Model. Agency review/approval of the COC process is required by 9/28 in order to maintain the current schedule for FS Activities for Demo 1.
- Ogden distributed a revised schedule for Site Characterization and FS for Demo 1 as of 9/19/00, according to the revised COC approach. The draft FS Screening Report for groundwater is scheduled for 12/26/00, and the draft FS Workplan for groundwater by 4/26/01 if there is no Post-screening Investigation. The FS deliverables for the soil operable unit are later than groundwater due to the additional time needed for the ongoing soil investigations. The dates for the FS workplans for soil and groundwater might be shortened if the 65-day window for review and approvals is shortened. The cover letter will contain a detailed explanation of the changes. The revised schedule for Demo 1 has the site characterization reports out of the critical paths for FS deliverables because a consensus has been reached regarding the general nature and extent of contamination. This scheduling would likely be different for the other Areas of Concern. The Guard will provide a formal request for extension to deadlines to reflect dates in the revised schedule. EPA requests a comprehensive schedule for all areas by next week. EPA indicated the revised schedule for Demo 1 still appears to be too long. EPA indicated that they would review the schedules and provide comments. Ogden suggested that it would be beneficial to go through the schedule tasks in detail to clearly identify the critical path items and their duration. EPA indicated that they planned to conduct a conference call with MADEP (without NGB) to determine an approach.
- There was an update on the ASR. EPA requested a copy of the letter explaining the interview approach. Once a month, the research will be presented to the public, however, it will be a part of the weekly IAGWSP technical meeting discussions.
- A 3-page letter proposing a method for identification of soil background was provided. EPA requested a copy of the background letter be forwarded to TOSC, and that they be invited to the next meeting. A detailed discussion of the proposal will be provided at the 9/28 technical meeting. A copy of the reference for the "bootstrap" technique will be provided (done by email 9/21).

- EPA requested that the Guard look into status of the 104e requests for Susquehanna and Foster Miller.
- EPA asked the status of the soil results for recent samples. Ogden indicated that the HUTA soil sample data and the J Range soil results should start to arrive in two weeks.

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 the 40mm round in the J-2 Range had a detection of PETN, which was not verified by PDA spectra.

- The groundwater sample from MW-59S had detections of RDX and HMX, which were verified by PDA spectra. These detections are similar to previous sampling rounds.

- The groundwater sample from MW-86M2 had a detection of RDX, which was verified by PDA spectra. This detection was similar to the previous sampling round.

- The groundwater sample from MW-87M1 had detections of RDX and HMX, which were verified by PDA spectra. These detections were similar to the previous sampling round.

- The groundwater sample from MW-87M2 had a detection of RDX, which was verified by PDA spectra. This detection was similar to the previous sampling round.

- The groundwater profile samples from MW-125 had detections of acetone (19 intervals), benzene (1 interval), chlorobenzene (1 interval), chloroethane (1 interval), chloromethane (1 interval), MEK (12 intervals), chloroform (13 intervals), toluene (3 intervals), 2,6-DNT (1 interval), picric acid (3 intervals), and nitroglycerin (7 intervals). The explosive detections were not verified by the PDA spectra.

- The groundwater profile samples from MW-126 had detections of 1,2,4-trichlorobenzene (2 intervals, acetone (18 intervals), MEK (18 intervals), chloroethane (1 interval), chloroform (8 intervals), PCE (2 intervals), 2,6-DNT (4 intervals), and nitroglycerin (2 intervals). The 2,6-DNT detections were verified by PDA spectra, the other explosive detections were not verified.

- The soil from the additional grid at the APC on Turpentine Road had detections of TNT, 2a-DNT, and 4a-DNT, which were verified by PDA spectra.

3. DELIVERABLES SUBMITTED

The following deliverables were submitted during the reporting period.

Final Tech Memo 00-1 Evaluation of Ground Scars…	09/18/00
Draft April 2000 BIP Report	09/18/00
Weekly Progress Update (Sept 11-Sept 15)	09/22/00

4. SCHEDULED ACTIONS

Scheduled actions for the week of September 25 include well installation at MW-124 (P-36) and MW-126 (P-28); commence drilling at LP-1 and D1P-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 in the J-3 Range; and continued groundwater sampling of the Impact Area response wells (MW-85 through MW-107).

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.

Next week will commence the drilling of the Demo 1 response well MW-129 (D1P-1), which is located south of MW-114 on the south side of Poccasset-Forestdale Road.

TABLE 2
SAMPLING PROGRESS
09/17/2000-09/23/2000

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC101CA1AAA	HC101CA1AAA	09/21/2000	SOIL GRID	0.00	0.25		
HC101CA1BAA	HC101CA1BAA	09/21/2000	SOIL GRID	0.25	0.50		
HC101CA1CAA	HC101CA1CAA	09/21/2000	SOIL GRID	0.50	1.00		
HC101HA1AAA	HC101HA1AAA	09/20/2000	SOIL GRID	0.00	0.25		
HC101HA1BAA	HC101HA1BAA	09/20/2000	SOIL GRID	0.25	0.50		
HC101HA1CAA	HC101HA1CAA	09/20/2000	SOIL GRID	0.50	1.00		
HC101IA1AAA	HC101IA1AAA	09/21/2000	SOIL GRID	0.00	0.25		
HC101IA1BAA	HC101IA1BAA	09/21/2000	SOIL GRID	0.25	0.50		
HC101IA1CAA	HC101IA1CAA	09/21/2000	SOIL GRID	0.50	1.00		
HC101JA1AAA	HC101JA1AAA	09/21/2000	SOIL GRID	0.00	0.25		
HC101JA1BAA	HC101JA1BAA	09/21/2000	SOIL GRID	0.25	0.50		
HC101JA1CAA	HC101JA1CAA	09/21/2000	SOIL GRID	0.50	1.00		
HC101JB1AAA	HC101JB1AAA	09/21/2000	SOIL GRID	0.00	0.25		
HC101JB1BAA	HC101JB1BAA	09/21/2000	SOIL GRID	0.25	0.50		
HC101JB1CAA	HC101JB1CAA	09/21/2000	SOIL GRID	0.50	1.00		
HC101JB1CAD	HC101JB1CAD	09/21/2000	SOIL GRID	0.50	1.00		
HC101KA1AAA	HC101KA1AAA	09/19/2000	SOIL GRID	0.00	0.25		
HC101KA1BAA	HC101KA1BAA	09/19/2000	SOIL GRID	0.25	0.50		
HC101KA1CAA	HC101KA1CAA	09/19/2000	SOIL GRID	0.50	1.00		
HC101KB1AAA	HC101KB1AAA	09/19/2000	SOIL GRID	0.00	0.25		
HC101KB1BAA	HC101KB1BAA	09/19/2000	SOIL GRID	0.25	0.50		
HC101KB1CAA	HC101KB1CAA	09/19/2000	SOIL GRID	0.50	1.00		
HC101KC1AAA	HC101KC1AAA	09/20/2000	SOIL GRID	0.00	0.25		
HC101KC1BAA	HC101KC1BAA	09/20/2000	SOIL GRID	0.25	0.50		
HC101KC1CAA	HC101KC1CAA	09/20/2000	SOIL GRID	0.50	1.00		
HC101KD1AAA	HC101KD1AAA	09/20/2000	SOIL GRID	0.00	0.25		
HC101KD1BAA	HC101KD1BAA	09/20/2000	SOIL GRID	0.25	0.50		
HC101KD1CAA	HC101KD1CAA	09/20/2000	SOIL GRID	0.50	1.00		
HC101KD1CAD	HC101KD1CAA	09/20/2000	SOIL GRID	0.50	1.00		
HC101PC1AAA	HC101PC1AAA	09/21/2000	SOIL GRID	0.00	0.25		
HC101PC1BAA	HC101PC1BAA	09/21/2000	SOIL GRID	0.25	0.50		
HC101PC1CAA	HC101PC1CAA	09/21/2000	SOIL GRID	0.50	1.00		
HC101PD1AAA	HC101PD1AAA	09/21/2000	SOIL GRID	0.00	0.25		
HC101PD1BAA	HC101PD1BAA	09/21/2000	SOIL GRID	0.25	0.50		
HC101PD1CAA	HC101PD1CAA	09/21/2000	SOIL GRID	0.50	1.00		
HC102IA1AAA	HC102IA1AAA	09/22/2000	SOIL GRID	0.00	0.25		
HC102IA1BAA	HC102IA1BAA	09/22/2000	SOIL GRID	0.25	0.50		
HC102IA1CAA	HC102IA1CAA	09/22/2000	SOIL GRID	0.50	1.00		
HC102IB1AAA	HC102IB1AAA	09/22/2000	SOIL GRID	0.00	0.25		
HC102IB1BAA	HC102IB1BAA	09/22/2000	SOIL GRID	0.25	0.50		
HC102IB1CAA	HC102IB1CAA	09/22/2000	SOIL GRID	0.50	1.00		
HDP19105MM1SS1	HDP19105MM1SS1	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM1SS2	HDP19105MM1SS2	09/20/2000	CRATER GRID	0.00	0.25		

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

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09/17/2000-09/23/2000

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HDP19105MM1SS3	HDP19105MM1SS3	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM1SS4	HDP19105MM1SS4	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM1SS5	HDP19105MM1SS5	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM1SS6	HDP19105MM1SS6	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM1SS7	HDP19105MM1SS7	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM1SS8	HDP19105MM1SS8	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM2SS1	HDP19105MM2SS1	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM2SS2	HDP19105MM2SS2	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM2SS3	HDP19105MM2SS3	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM2SS4	HDP19105MM2SS4	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM2SS5	HDP19105MM2SS5	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM2SS6	HDP19105MM2SS6	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM2SS7	HDP19105MM2SS7	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM2SS8	HDP19105MM2SS8	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MMSS1	HDP19105MMSS1	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MMSS2	HDP19105MMSS2	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MMSS3	HDP19105MMSS3	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MMSS4	HDP19105MMSS4	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MMSS5	HDP19105MMSS5	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MMSS6	HDP19105MMSS6	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MMSS7	HDP19105MMSS7	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MMSS8	HDP19105MMSS8	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS1	HDT981MMSS1	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS2	HDT981MMSS2	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS3	HDT981MMSS3	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS4	HDT981MMSS4	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS4D	HDT981MMSS4	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS5	HDT981MMSS5	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS6	HDT981MMSS6	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS7	HDT981MMSS7	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS8	HDT981MMSS8	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS8D	HDT981MMSS8	09/20/2000	CRATER GRID	0.00	0.25		
0.G.0.00014.0.T	FIELDQC	09/18/2000	FIELDQC	0.00	0.00		
95-15AE	FIELDQC	09/20/2000	FIELDQC	0.00	0.00		
G125DPE	FIELDQC	09/18/2000	FIELDQC	0.00	0.00		
G125DPT	FIELDQC	09/18/2000	FIELDQC	0.00	0.00		
G126DEE	FIELDQC	09/19/2000	FIELDQC	0.00	0.00		
G126DET	FIELDQC	09/19/2000	FIELDQC	0.00	0.00		
G126DGE	FIELDQC	09/20/2000	FIELDQC	0.00	0.00		
G126DRT	FIELDQC	09/20/2000	FIELDQC	0.00	0.00		
HC101JB1AAE	FIELDQC	09/21/2000	FIELDQC	0.00	0.00		
HC101JB1AAT	FIELDQC	09/21/2000	FIELDQC	0.00	0.00		
HC101KA1AAE	FIELDQC	09/19/2000	FIELDQC	0.00	0.00		
HC101KC1BAE	FIELDQC	09/20/2000	FIELDQC	0.00	0.00		

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09/17/2000-09/23/2000

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC102IA1AAE	FIELDQC	09/22/2000	FIELDQC	0.00	0.00		
HC102IA1AAT	FIELDQC	09/22/2000	FIELDQC	0.00	0.00		
S126DLE	FIELDQC	09/18/2000	FIELDQC	0.00	0.00		
SDW263111E	FIELDQC	09/19/2000	FIELDQC	0.00	0.00		
SMR-2E	FIELDQC	09/18/2000	FIELDQC	0.00	0.00		
95-15A	95-15A	09/20/2000	GROUNDWATER	189.00	199.00	140.00	150.00
95-15AD	95-15	09/20/2000	GROUNDWATER	189.00	199.00	140.00	150.00
LRMW0003	LRMW0003	09/20/2000	GROUNDWATER	100.00	110.00	74.75	84.75
SDW263111	SDW263111	09/19/2000	GROUNDWATER	99.00	109.00	5.00	15.00
SMR-2	SMR-2	09/18/2000	GROUNDWATER	121.00	131.00	15.50	25.50
W02SSA	MW-2	09/18/2000	GROUNDWATER	137.00	147.00	0.00	10.00
W102M1A	MW-102	09/19/2000	GROUNDWATER	267.00	277.00	121.32	131.32
W102M2A	MW-102	09/19/2000	GROUNDWATER	237.00	247.00	91.19	101.19
W108DDA	MW-108	09/22/2000	GROUNDWATER	317.00	327.00	150.50	160.50
W108M2A	MW-108	09/22/2000	GROUNDWATER	282.00	292.00	115.45	125.45
W108M3A	MW-108	09/22/2000	GROUNDWATER	262.00	272.00	95.46	105.46
W108M4A	MW-108	09/22/2000	GROUNDWATER	240.00	250.00	73.41	83.41
W110M2A	MW-110	09/22/2000	GROUNDWATER	248.50	258.50	72.50	82.50
W17DDA	MW-17	09/20/2000	GROUNDWATER	320.00	330.00	192.20	202.20
W36SSA	MW-36	09/20/2000	GROUNDWATER	73.00	83.00	0.00	10.00
W59M2A	MW-59	09/18/2000	GROUNDWATER	150.00	160.00	13.98	23.98
W59SSA	MW-59	09/18/2000	GROUNDWATER	128.00	138.00	0.00	10.00
W64SSA	MW-64	09/19/2000	GROUNDWATER	87.00	97.00	0.00	10.00
W86SSA	MW-86	09/18/2000	GROUNDWATER	143.00	153.00	0.00	10.00
W88M1A	MW-88	09/20/2000	GROUNDWATER	233.00	234.00	89.76	90.76
W88M2A	MW-88	09/21/2000	GROUNDWATER	213.00	223.00	99.80	109.80
W88M3A	MW-88	09/21/2000	GROUNDWATER	173.00	183.00	59.74	69.74
W89M1A	MW-89	09/21/2000	GROUNDWATER	234.00	244.00	89.30	99.30
W89M2A	MW-89	09/21/2000	GROUNDWATER	214.00	224.00	78.10	88.10
W89M3A	MW-89	09/21/2000	GROUNDWATER	174.00	184.00	29.00	39.00
W95M1A	MW-95	09/21/2000	GROUNDWATER	202.00	212.00	74.70	84.70
W95M1D	MW-95	09/21/2000	GROUNDWATER	202.00	212.00	74.70	84.70
W95M2A	MW-95	09/22/2000	GROUNDWATER	167.00	177.00	39.40	49.40
W95SSA	MW-95	09/21/2000	GROUNDWATER	125.00	135.00	0.00	10.00
G125DPA	MW-125	09/18/2000	PROFILE	210.00	210.00	159.00	159.00
G125DQA	MW-125	09/18/2000	PROFILE	220.00	220.00	169.00	169.00
G125DRA	MW-125	09/18/2000	PROFILE	230.00	230.00	179.00	179.00
G125DTA	MW-125	09/18/2000	PROFILE	250.00	250.00	199.00	199.00
G125DUA	MW-125	09/19/2000	PROFILE	256.00	256.00	209.00	209.00
G125DUD	MW-125	09/19/2000	PROFILE	256.00	256.00	201.00	201.00
G126DAA	MW-126	09/18/2000	PROFILE	100.00	100.00	0.00	0.00
G126DBA	MW-126	09/18/2000	PROFILE	110.00	110.00	8.90	8.90
G126DCA	MW-126	09/18/2000	PROFILE	120.00	120.00	18.90	18.90
G126DDA	MW-126	09/18/2000	PROFILE	130.00	130.00	28.90	28.90

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
09/17/2000-09/23/2000

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G126DDD	MW-126	09/18/2000	PROFILE	130.00	130.00	28.90	28.90
G126DEA	MW-126	09/18/2000	PROFILE	140.00	140.00	38.90	38.90
G126DFA	MW-126	09/18/2000	PROFILE	150.00	150.00	48.90	48.90
G126DGA	MW-126	09/19/2000	PROFILE	160.00	160.00	58.90	58.90
G126DHA	MW-126	09/19/2000	PROFILE	170.00	170.00	68.90	68.90
G126DIA	MW-126	09/19/2000	PROFILE	180.00	180.00	78.90	78.90
G126DJA	MW-126	09/19/2000	PROFILE	190.00	190.00	88.90	88.90
G126DKA	MW-126	09/19/2000	PROFILE	200.00	200.00	98.90	98.90
G126DLA	MW-126	09/19/2000	PROFILE	210.00	210.00	108.90	108.90
G126DMA	MW-126	09/19/2000	PROFILE	220.00	220.00	118.90	118.90
G126DNA	MW-126	09/19/2000	PROFILE	230.00	230.00	128.90	128.90
G126DOA	MW-126	09/19/2000	PROFILE	240.00	240.00	138.90	138.90
G126DPA	MW-126	09/19/2000	PROFILE	250.00	250.00	148.90	148.90
G126DQA	MW-126	09/20/2000	PROFILE	260.00	260.00	158.90	158.90
G126DRA	MW-126	09/20/2000	PROFILE	270.00	270.00	168.90	168.90
0.A.1.00031.6.0	0.A.1.00031.6.0	09/18/2000	CRATER GRAB				

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 9/2/00-9/23/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
HDJ240MM1	HDJ240MM1	09/11/2000	CRATER GRAB	0.00	0.25			8330N	PENTAERYTHRITOL TETRANITR	NO
W59SSA	MW-59	09/18/2000	GROUNDWATER	128.00	138.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W59SSA	MW-59	09/18/2000	GROUNDWATER	128.00	138.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITF	YES
W86M2A	MW-86	09/14/2000	GROUNDWATER	158.00	168.00	12.15	22.15	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W86M2D	MW-86	09/14/2000	GROUNDWATER	158.00	168.00	12.15	22.15	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W87M1A	MW-87	09/14/2000	GROUNDWATER	194.00	204.00	59.50	69.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W87M1A	MW-87	09/14/2000	GROUNDWATER	194.00	204.00	59.50	69.50	8330N	OCTAHYDRO-1,3,5,7-TETRANITF	YES
W87M2A	MW-87	09/14/2000	GROUNDWATER	169.00	179.00	34.40	44.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W87M2D	MW-87	09/14/2000	GROUNDWATER	169.00	179.00	34.40	44.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G125DAA	MW-125	09/14/2000	PROFILE	60.00	60.00	9.00	9.00	8330N	2,6-DINITROTOLUENE	NO
G125DAA	MW-125	09/14/2000	PROFILE	60.00	60.00	9.00	9.00	8330N	NITROGLYCERIN	NO
G125DAA	MW-125	09/14/2000	PROFILE	60.00	60.00	9.00	9.00	OC21V	ACETONE	
G125DAA	MW-125	09/14/2000	PROFILE	60.00	60.00	9.00	9.00	OC21V	BENZENE	
G125DAA	MW-125	09/14/2000	PROFILE	60.00	60.00	9.00	9.00	OC21V	CHLOROBENZENE	
G125DAA	MW-125	09/14/2000	PROFILE	60.00	60.00	9.00	9.00	OC21V	CHLOROETHANE	
G125DAA	MW-125	09/14/2000	PROFILE	60.00	60.00	9.00	9.00	OC21V	CHLOROMETHANE	
G125DAA	MW-125	09/14/2000	PROFILE	60.00	60.00	9.00	9.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G125DBA	MW-125	09/14/2000	PROFILE	70.00	70.00	19.00	19.00	8330N	NITROGLYCERIN	NO
G125DBA	MW-125	09/14/2000	PROFILE	70.00	70.00	19.00	19.00	8330N	PICRIC ACID	NO
G125DBA	MW-125	09/14/2000	PROFILE	70.00	70.00	19.00	19.00	OC21V	ACETONE	
G125DBA	MW-125	09/14/2000	PROFILE	70.00	70.00	19.00	19.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G125DCA	MW-125	09/14/2000	PROFILE	80.00	80.00	29.00	29.00	8330N	NITROGLYCERIN	NO
G125DCA	MW-125	09/14/2000	PROFILE	80.00	80.00	29.00	29.00	8330N	PICRIC ACID	NO
G125DCA	MW-125	09/14/2000	PROFILE	80.00	80.00	29.00	29.00	OC21V	ACETONE	
G125DCA	MW-125	09/14/2000	PROFILE	80.00	80.00	29.00	29.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G125DDA	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	8330N	NITROGLYCERIN	NO
G125DDA	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	8330N	PICRIC ACID	NO
G125DDA	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	OC21V	ACETONE	
G125DDA	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	OC21V	CHLOROFORM	
G125DDA	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G125DDD	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	8330N	NITROGLYCERIN	NO
G125DDD	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	8330N	PICRIC ACID	NO
G125DDD	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	OC21V	ACETONE	

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.
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BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET
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PDA/NO = Photo Diode Array, Detect Not Confirmed

TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 9/2/00-9/23/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G125DDD	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	OC21V	CHLOROFORM	
G125DDD	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G125DEA	MW-125	09/14/2000	PROFILE	100.00	100.00	49.00	49.00	OC21V	ACETONE	
G125DEA	MW-125	09/14/2000	PROFILE	100.00	100.00	49.00	49.00	OC21V	CHLOROFORM	
G125DEA	MW-125	09/14/2000	PROFILE	100.00	100.00	49.00	49.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G125DFA	MW-125	09/14/2000	PROFILE	110.00	110.00	59.00	59.00	8330N	NITROGLYCERIN	NO
G125DFA	MW-125	09/14/2000	PROFILE	110.00	110.00	59.00	59.00	OC21V	ACETONE	
G125DFA	MW-125	09/14/2000	PROFILE	110.00	110.00	59.00	59.00	OC21V	CHLOROFORM	
G125DFA	MW-125	09/14/2000	PROFILE	110.00	110.00	59.00	59.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G125DGA	MW-125	09/14/2000	PROFILE	120.00	120.00	69.00	69.00	OC21V	ACETONE	
G125DGA	MW-125	09/14/2000	PROFILE	120.00	120.00	69.00	69.00	OC21V	CHLOROFORM	
G125DGA	MW-125	09/14/2000	PROFILE	120.00	120.00	69.00	69.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G125DHA	MW-125	09/14/2000	PROFILE	130.00	130.00	79.00	79.00	8330N	NITROGLYCERIN	NO
G125DHA	MW-125	09/14/2000	PROFILE	130.00	130.00	79.00	79.00	OC21V	ACETONE	
G125DHA	MW-125	09/14/2000	PROFILE	130.00	130.00	79.00	79.00	OC21V	CHLOROFORM	
G125DHA	MW-125	09/14/2000	PROFILE	130.00	130.00	79.00	79.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G125DIA	MW-125	09/14/2000	PROFILE	140.00	140.00	89.00	89.00	OC21V	ACETONE	
G125DIA	MW-125	09/14/2000	PROFILE	140.00	140.00	89.00	89.00	OC21V	CHLOROFORM	
G125DJA	MW-125	09/14/2000	PROFILE	150.00	150.00	99.00	99.00	OC21V	ACETONE	
G125DJA	MW-125	09/14/2000	PROFILE	150.00	150.00	99.00	99.00	OC21V	CHLOROFORM	
G125DJA	MW-125	09/14/2000	PROFILE	150.00	150.00	99.00	99.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G125DKA	MW-125	09/14/2000	PROFILE	160.00	160.00	109.00	109.00	OC21V	ACETONE	
G125DLA	MW-125	09/14/2000	PROFILE	170.00	170.00	119.00	119.00	OC21V	ACETONE	
G125DLA	MW-125	09/14/2000	PROFILE	170.00	170.00	119.00	119.00	OC21V	CHLOROFORM	
G125DMA	MW-125	09/14/2000	PROFILE	180.00	180.00	129.00	129.00	OC21V	ACETONE	
G125DMA	MW-125	09/14/2000	PROFILE	180.00	180.00	129.00	129.00	OC21V	CHLOROFORM	
G125DMA	MW-125	09/14/2000	PROFILE	180.00	180.00	129.00	129.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G125DNA	MW-125	09/15/2000	PROFILE	190.00	190.00	139.00	139.00	OC21V	CHLOROFORM	
G125DOA	MW-125	09/15/2000	PROFILE	200.00	20.00	149.00	149.00	OC21V	ACETONE	
G125DPA	MW-125	09/18/2000	PROFILE	210.00	210.00	159.00	159.00	OC21V	ACETONE	
G125DPA	MW-125	09/18/2000	PROFILE	210.00	210.00	159.00	159.00	OC21V	CHLOROFORM	
G125DPA	MW-125	09/18/2000	PROFILE	210.00	210.00	159.00	159.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G125DPA	MW-125	09/18/2000	PROFILE	210.00	210.00	159.00	159.00	OC21V	TOLUENE	

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PDA/NO = Photo Diode Array, Detect Not Confirmed

TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 9/2/00-9/23/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G125DQA	MW-125	09/18/2000	PROFILE	220.00	220.00	169.00	169.00	OC21V	ACETONE	
G125DQA	MW-125	09/18/2000	PROFILE	220.00	220.00	169.00	169.00	OC21V	CHLOROFORM	
G125DQA	MW-125	09/18/2000	PROFILE	220.00	220.00	169.00	169.00	OC21V	TOLUENE	
G125DRA	MW-125	09/18/2000	PROFILE	230.00	230.00	179.00	179.00	OC21V	ACETONE	
G125DRA	MW-125	09/18/2000	PROFILE	230.00	230.00	179.00	179.00	OC21V	CHLOROFORM	
G125DRA	MW-125	09/18/2000	PROFILE	230.00	230.00	179.00	179.00	OC21V	TOLUENE	
G125DTA	MW-125	09/18/2000	PROFILE	250.00	250.00	199.00	199.00	OC21V	ACETONE	
G125DTA	MW-125	09/18/2000	PROFILE	250.00	250.00	199.00	199.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G125DUD	MW-125	09/19/2000	PROFILE	256.00	256.00	201.00	201.00	OC21V	ACETONE	
G126DAA	MW-126	09/18/2000	PROFILE	100.00	100.00	0.00	0.00	8330N	2,6-DINITROTOLUENE	YES
G126DAA	MW-126	09/18/2000	PROFILE	100.00	100.00	0.00	0.00	OC21V	1,2,4-TRICHLOROBENZENE	
G126DAA	MW-126	09/18/2000	PROFILE	100.00	100.00	0.00	0.00	OC21V	ACETONE	
G126DAA	MW-126	09/18/2000	PROFILE	100.00	100.00	0.00	0.00	OC21V	METHYL ETHYL KETONE (2-BUT.	
G126DBA	MW-126	09/18/2000	PROFILE	110.00	110.00	8.90	8.90	8330N	2,6-DINITROTOLUENE	YES
G126DBA	MW-126	09/18/2000	PROFILE	110.00	110.00	8.90	8.90	8330N	NITROGLYCERIN	NO
G126DBA	MW-126	09/18/2000	PROFILE	110.00	110.00	8.90	8.90	OC21V	ACETONE	
G126DBA	MW-126	09/18/2000	PROFILE	110.00	110.00	8.90	8.90	OC21V	CHLOROETHANE	
G126DBA	MW-126	09/18/2000	PROFILE	110.00	110.00	8.90	8.90	OC21V	CHLOROFORM	
G126DBA	MW-126	09/18/2000	PROFILE	110.00	110.00	8.90	8.90	OC21V	METHYL ETHYL KETONE (2-BUT.	
G126DCA	MW-126	09/18/2000	PROFILE	120.00	120.00	18.90	18.90	8330N	2,6-DINITROTOLUENE	YES
G126DCA	MW-126	09/18/2000	PROFILE	120.00	120.00	18.90	18.90	8330N	NITROGLYCERIN	NO
G126DCA	MW-126	09/18/2000	PROFILE	120.00	120.00	18.90	18.90	OC21V	ACETONE	
G126DCA	MW-126	09/18/2000	PROFILE	120.00	120.00	18.90	18.90	OC21V	METHYL ETHYL KETONE (2-BUT.	
G126DCA	MW-126	09/18/2000	PROFILE	120.00	120.00	18.90	18.90	OC21V	TETRACHLOROETHYLENE(PCE)	
G126DDA	MW-126	09/18/2000	PROFILE	130.00	130.00	28.90	28.90	OC21V	ACETONE	
G126DDA	MW-126	09/18/2000	PROFILE	130.00	130.00	28.90	28.90	OC21V	METHYL ETHYL KETONE (2-BUT.	
G126DDA	MW-126	09/18/2000	PROFILE	130.00	130.00	28.90	28.90	OC21V	TETRACHLOROETHYLENE(PCE)	
G126DDD	MW-126	09/18/2000	PROFILE	130.00	130.00	28.90	28.90	OC21V	ACETONE	
G126DDD	MW-126	09/18/2000	PROFILE	130.00	130.00	28.90	28.90	OC21V	METHYL ETHYL KETONE (2-BUT.	
G126DDD	MW-126	09/18/2000	PROFILE	130.00	130.00	28.90	28.90	OC21V	TETRACHLOROETHYLENE(PCE)	
G126DEA	MW-126	09/18/2000	PROFILE	140.00	140.00	38.90	38.90	OC21V	1,2,4-TRICHLOROBENZENE	
G126DEA	MW-126	09/18/2000	PROFILE	140.00	140.00	38.90	38.90	OC21V	ACETONE	
G126DEA	MW-126	09/18/2000	PROFILE	140.00	140.00	38.90	38.90	OC21V	METHYL ETHYL KETONE (2-BUT.	

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SBD = SAMPLE COLLECTION BEGIN DEPTH IN FEET BGS
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PDA/NO = Photo Diode Array, Detect Not Confirmed

TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 9/2/00-9/23/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G126DFA	MW-126	09/18/2000	PROFILE	150.00	150.00	48.90	48.90	OC21V	ACETONE	
G126DFA	MW-126	09/18/2000	PROFILE	150.00	150.00	48.90	48.90	OC21V	CHLOROFORM	
G126DFA	MW-126	09/18/2000	PROFILE	150.00	150.00	48.90	48.90	OC21V	METHYL ETHYL KETONE (2-BUT.	
G126DGA	MW-126	09/19/2000	PROFILE	160.00	160.00	58.90	58.90	OC21V	ACETONE	
G126DGA	MW-126	09/19/2000	PROFILE	160.00	160.00	58.90	58.90	OC21V	CHLOROFORM	
G126DGA	MW-126	09/19/2000	PROFILE	160.00	160.00	58.90	58.90	OC21V	METHYL ETHYL KETONE (2-BUT.	
G126DHA	MW-126	09/19/2000	PROFILE	170.00	170.00	68.90	68.90	OC21V	ACETONE	
G126DHA	MW-126	09/19/2000	PROFILE	170.00	170.00	68.90	68.90	OC21V	CHLOROFORM	
G126DHA	MW-126	09/19/2000	PROFILE	170.00	170.00	68.90	68.90	OC21V	METHYL ETHYL KETONE (2-BUT.	
G126DIA	MW-126	09/19/2000	PROFILE	180.00	180.00	78.90	78.90	OC21V	ACETONE	
G126DIA	MW-126	09/19/2000	PROFILE	180.00	180.00	78.90	78.90	OC21V	METHYL ETHYL KETONE (2-BUT.	
G126DJA	MW-126	09/19/2000	PROFILE	190.00	190.00	88.90	88.90	OC21V	ACETONE	
G126DJA	MW-126	09/19/2000	PROFILE	190.00	190.00	88.90	88.90	OC21V	METHYL ETHYL KETONE (2-BUT.	
G126DKA	MW-126	09/19/2000	PROFILE	200.00	200.00	98.90	98.90	OC21V	ACETONE	
G126DKA	MW-126	09/19/2000	PROFILE	200.00	200.00	98.90	98.90	OC21V	METHYL ETHYL KETONE (2-BUT.	
G126DLA	MW-126	09/19/2000	PROFILE	210.00	210.00	108.90	108.90	OC21V	ACETONE	
G126DLA	MW-126	09/19/2000	PROFILE	210.00	210.00	108.90	108.90	OC21V	METHYL ETHYL KETONE (2-BUT.	
G126DMA	MW-126	09/19/2000	PROFILE	220.00	220.00	118.90	118.90	OC21V	ACETONE	
G126DMA	MW-126	09/19/2000	PROFILE	220.00	220.00	118.90	118.90	OC21V	METHYL ETHYL KETONE (2-BUT.	
G126DNA	MW-126	09/19/2000	PROFILE	230.00	230.00	128.90	128.90	OC21V	ACETONE	
G126DNA	MW-126	09/19/2000	PROFILE	230.00	230.00	128.90	128.90	OC21V	METHYL ETHYL KETONE (2-BUT.	
G126DOA	MW-126	09/19/2000	PROFILE	240.00	240.00	138.90	138.90	8330N	2,6-DINITROTOLUENE	YES
G126DOA	MW-126	09/19/2000	PROFILE	240.00	240.00	138.90	138.90	OC21V	ACETONE	
G126DOA	MW-126	09/19/2000	PROFILE	240.00	240.00	138.90	138.90	OC21V	CHLOROFORM	
G126DOA	MW-126	09/19/2000	PROFILE	240.00	240.00	138.90	138.90	OC21V	METHYL ETHYL KETONE (2-BUT.	
G126DPA	MW-126	09/19/2000	PROFILE	250.00	250.00	148.90	148.90	OC21V	ACETONE	
G126DPA	MW-126	09/19/2000	PROFILE	250.00	250.00	148.90	148.90	OC21V	CHLOROFORM	
G126DPA	MW-126	09/19/2000	PROFILE	250.00	250.00	148.90	148.90	OC21V	METHYL ETHYL KETONE (2-BUT.	
G126DQA	MW-126	09/20/2000	PROFILE	260.00	260.00	158.90	158.90	OC21V	ACETONE	
G126DQA	MW-126	09/20/2000	PROFILE	260.00	260.00	158.90	158.90	OC21V	CHLOROFORM	
G126DQA	MW-126	09/20/2000	PROFILE	260.00	260.00	158.90	158.90	OC21V	METHYL ETHYL KETONE (2-BUT.	
G126DRA	MW-126	09/20/2000	PROFILE	270.00	270.00	258.90	258.90	OC21V	ACETONE	
G126DRA	MW-126	09/20/2000	PROFILE	270.00	270.00	258.90	258.90	OC21V	CHLOROFORM	

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 9/2/00-9/23/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G126DRA	MW-126	09/20/2000	PROFILE	270.00	270.00	258.90	258.90	OC21V	METHYL ETHYL KETONE (2-BUT.	
HCAPC2EAA	APC2E	09/05/2000	SOIL GRID					8330N	2,4,6-TRINITROTOLUENE	YES
HCAPC2EAA	APC2E	09/05/2000	SOIL GRID					8330N	2-AMINO-4,6-DINITROTOLUENE	YES
HCAPC2EAA	APC2E	09/05/2000	SOIL GRID					8330N	4-AMINO-2,6-DINITROTOLUENE	YES

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.
SBD = SAMPLE COLLECTION BEGIN DEPTH IN FEET BGS
SED = SAMPLE COLLECTION END DEPTH IN FEET BGS
BWTS = DEPTH BELOW WATER TABLE, START DEPTH, MEASURED IN FEET
BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET
PDA/YES = Photo Diode Array, Detect Confirmed
PDA/NO = Photo Diode Array, Detect Not Confirmed

Groundwater Wells at MMR

LEGEND

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

0 0.5 1 Miles

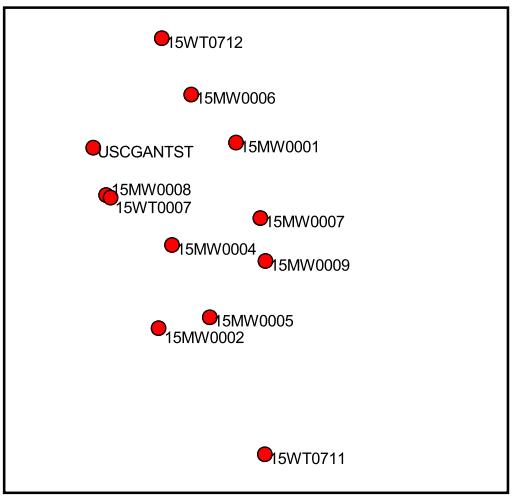
See Inset A

See Inset B

J:\GIS\September00\All_MMR_Wells.pdf
G:\MMR\rdx_response_maps_june_mtg.apr
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
90WT0015
J3P-10
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
RS0011OSNK
RS0004OSNK
90MW0090A
ECPZSNP16
RS0002OSNK
90MW0091A
96MW0012
ECPZSNP02B
To Sndwch. Gate
RS0021GRAC
96MW0020
ECPZWK01
ECPZSNP15
Route 130
4261000-05G

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September 29, 2000