WEEKLY PROGRESS UPDATE
FOR AUGUST 21 – AUGUST 25, 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 August 21 to August 25, 2000.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of August 25 is summarized in Table 1.

Table 1. Drilling progress as of August 25, 2000

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-115	Impact Area Response Well P-23	220	102	116-126 138-148
MW-117	J-2 Range (J2P6)	115	10	103-113
MW-118	Impact Area Response Well P-29	150	39	
MW-119	J-2 Range (J2P8)	115	10	103-113
MW-120	J-2 Range (J2P4)	72		

bgs = below ground surface
bwt = below water table

Completed drilling and well installation on MW-115 (Impact Area Response well P-23), MW-117 (J2P-6), and MW-119 (J2P-8). Continued drilling on MW-118 (P-29). Commenced drilling on MW-120 (J2P-4). UXO clearance completed on the J-3 Range access roads and drill pads. Commenced UXO clearance on the L Range access road and commenced UXO avoidance flagging at the J-3 Range soil grids. Development of newly installed wells continued.

Samples collected during the reporting period are summarized in Table 2. Wipe samples of UXO, UXO-related material, and debris were collected from the High Use Target Area (HUTA). Groundwater samples were collected from the August Long Term Monitoring wells. Groundwater profile samples were collected during the drilling of MW-118. Deep soil samples were collected during the drilling of MW-117, MW-118, MW-119, and MW-120. Soil samples were collected for the HUTA study from UXO pre- and post-detonation, and from the staging area. Soil samples were collected from grids in the J-3 Range (Area 101).

The Guard, EPA, and MADEP had a meeting on August 23 to discuss technical issues, including the following:

- The Guard provided an update of the Water Supply Investigation. The pump test report with the chemical monitoring well proposal is scheduled for mid September. Pipeline design is ongoing and construction is scheduled to start at the end of September. The EA comment period was over on the 14th of August. Using the pump test results to produce the new ZOCs, which should be ready by the end of August. EPA requested two copies of the report. Sheri Goodman will be on site on Monday for the groundbreaking ceremony.

- Jacobs provided an update on the CS-19 Investigation. The response to comments was delivered to AFCEE and the agencies on August 18, and a technical meeting will be held on September 7 (at 10 am) to discuss the response to comments. EPA indicated that there was a question from Mr. Dow about herbicides in CS-19 that had been discussed at the 8/22/00 JPAT meeting. Jacobs indicated that very low levels of herbicides have been detected throughout the soil from CS-19. Ogden will give the CS-19 presentation at the IART meeting and Tetra Tech will present a map from an aerial magnetometer survey of the area. Ogden to identify any need for CS-19 graphics to Jacobs by early next week. A copy of a DOE report on bioremediation of TNT was distributed.
- Tetra Tech provided an update on the Munitions Survey. A 1-page summary handout was distributed. J-2 UXO surface clearance and brush cutting continues. J-1 vegetation removal will be done with the Brontosaurus. Tetra Tech will be looking into other geophysical firms that may have more efficient equipment to save time. At the HUTA, 800-900 items have been identified, logged, and located, 150 of which have been selected for sampling. Geophysics will begin on Monday, however, the contours of the land may add time. Excavation activity will begin after Labor Day and Tetra Tech will have the roads graded and maintained from damage done from heavy equipment. The Gun & Mortar/Demo Area 1 Validation/Excavation plan has been submitted and revised. EPA requested a copy of the plan. Validation will begin on August 24. EPA questioned the UXO exclusion zones and the inconsistency in the permission given for personnel to enter these zones. The Guard will prepare a draft policy to be presented for discussion at the following Technical Meeting (August 31), including who will have access to exclusion zones and necessary safety precautions. EPA requested a site visit to the HUTA and J-2 Range after the 8/31 Tech Meeting. A GIS meeting will be scheduled between Ogden and Tetra Tech to discuss consistency of maps.
- Ogden provided an update of the Rapid Response Action. A 1-page summary was distributed. DEP will provide comments on the RAM Plan by Thursday and EPA will have their comments on the RRA Work Plan soon. Draft Delineation Sampling Report is under internal Guard review and is scheduled to go to the agencies by September 1. There are 29 grids for soil removal with maximum excavation depth of 3 feet to generate up to 750 cubic yards of soil for subsequent treatment. The Soil Washing Report should be distributed to EPA/DEP on August 25. Treatability study continues and a draft report should be ready by mid-September. The modified containment pad design was distributed to subcontractors (on 8/22/00) for revised cost estimates. Upcoming RRA Implementation Activities include Guard-Ogden and Ogden-subs contracting in late August, containment pad construction and UXO clearance in early September, RRA Status Update at the 9/07/00 IART meeting, and soil removal in mid-September. The Order of Conditions for the J3 Wetland work will be filed at the Registry of Deeds on Thursday.
- Ogden provided an update of the Groundwater Field Investigation. A 1-page summary and 1 map were distributed. Completed well installation at MW-115 (P-23) and MW-117 (J2P6) and will complete MW-119 (J2P8). Have commenced drilling of MW-118 (P-29); should commence drilling on J2P4 this week; and J2P1 and J2P2 next week. Unable to commence drilling on P-28 due to a UXO exclusion zone. Groundwater sampling of the August LTM round and development of newly installed wells continues. Completed UXO clearance of the J-3 Range access road and drill pads at P-28 and P-29. Have begun avoidance flagging of soil grids in J-3 Range. Continuing soil sampling of the grids in the J-2 Range. EPA requested that the agencies are notified of any changes to this proposed drilling schedule. EPA asked for an update of the wipe sample PDA. HLA asked for the start date of drilling in the J-3 Range.
- A 1-page map of the proposed Demo 1 response well locations was distributed. Well D1P1 will be installed first at a location south of MW-114. After the results are available a second well D1P2 will be installed to the west between D1P1 and Frank Perkins Road. EPA asked when the wells would be installed. The Guard indicated that they need to review the drilling schedule. EPA suggested constructing the drill pad for D1P1 so that a rig can move there if it becomes available. The Guard asked if the Demo 1 plume should be redrawn for the next IART. EPA suggested waiting for the well data. EPA agreed that the proposed location of D1P1 is fine and that D1P2 may need to be adjusted after D1P1 results are in.

- The results from the Demo 1 soil borings were distributed. Ogden indicated that metals could still be analyzed from the remaining soil of the explosives analysis. EPA requested that the first three samples of each boring (B-10 to B-18) be analyzed for metals and that all the samples from B-13 and B-14 be analyzed for metals. EPA suggested B-12 and B-17 as two of the four borings that will be drilled to the water table. EPA also requested that water samples be collected from the deep borings and analyzed by 8330 and 8321. Drilling should wait until after Tetra Tech completes the validation study. Tetra Tech asked for coordinates for B-13 and B-14.
- A map of the 12 UXO detonation craters that had explosive detected in the soil was distributed. A table of results of supplemental samples from the first 2 craters, at Turpentine Road and CS-19, was distributed. EPA would like to review the CS-19 soil results before making a conclusion on the need for additional sampling. The data for the Turpentine Road location (TR81MM) appear to indicate that the extent of contamination is limited to within 10 feet of the crater. Response actions can proceed for TR81MM in accordance with the approved plan (within 2 weeks). Reporting for TR81MM can be combined with other craters that are in the same general time frame, rather than stand-alone. EPA requested that sampling and analysis be expedited for the remaining craters.
- The response to comments on TM 00-1 was discussed. EPA and DEP approved the responses to comments. DEP requested that for the response to their general comment the text be provided in the response, rather than responding that it will be provided in the final document. EPA suggested that the MOR should include the revised text. EPA indicated that the question regarding their General Comment 3 had been resolved with Ogden in a subsequent phone call. TM 00-1 can be finalized, and the sampling at GS-8 will be reported in a supplement.
- A hand out was distributed of the current (8/22/00) IAGS document status. EPA indicated that they expect to have comments to all the Phase IIb FSPs after the 9/7 IART meeting, depending on comments from the IART members. HLA asked for a copy of the final J-1/3/L Range Workplan. Ogden indicated that a proposal to reschedule the tech memo for the Central Impact Area will be included in the MOR for the response plan.

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 groundwater sample from 90MW0034 had detections of 1,3,5-TNB, nitroglycerin, and picric acid, which were not verified by PDA spectra

- The groundwater sample (and duplicate) from 90WT0004 had a detection of HMX, which was verified by the PDA spectra. The previous rounds of sampling had similar detections at this well.

- The groundwater sample from 90WT0013 had detections of 2,4-DNT, nitroglycerin, and 4A-DNT. The 2,4-DNT was verified by PDA spectra. A previous sampling round had detections of RDX and 2,4-DANT but this is the first detection of 2,4-DNT.

- The groundwater sample from MW-39M2 had a detection of HMX, which was verified by PDA spectra. The previous sampling rounds had similar detections.

- The groundwater sample from MW-43M2 had a detection of RDX, which was verified by the PDA spectra. Previous sampling rounds had similar detections.

- The groundwater sample from MW-55D had a detection of nitroglycerin, which was not verified by the PDA spectra.

3. DELIVERABLES SUBMITTED

The following deliverables were submitted during the reporting period.

Draft Phase II (b) FSP for Former E Range	08/24/00
Final J1/J3/L Range Workplan	08/25/00
Weekly Progress Update (Aug 14-Aug 18)	08/25/00

4. SCHEDULED ACTIONS

Scheduled actions for the week of August 28 include the continued drilling at MW-118 (P-29) and MW-115 (J2P4); drilling and well installation at J2P2 and J2P1; the continued UXO clearance of the soil grids in the J-3 Range; continued groundwater sampling of the August LTM wells; and development of newly installed wells.

5. SUMMARY OF ACTIVITIES FOR DEMO 1

The regulatory agencies have provided comments on the draft FS Workplan for AO3 (including Demo 1), and responses to comments are being prepared. The regulatory agencies have provided comments on the draft technical memorandum for the Demo 1 response actions, and responses to comments are being prepared. The Guard proposed locations for two supplemental response wells at the 8/23/00 technical meeting. The first well (D1P1) will be located south of MW-114 on the south side of Pocasset Foresdale Road. The location of the second well will be between D1P1 and Frank Perkins Road and will be adjusted after the results of D1P1 are obtained. Explosive results for the second round of deep soil borings (B-10 to B-18) were presented and discussed at the 8/23/00 technical meeting (see Section 1 above). Selected samples will be analyzed for metals. Validation of munitions survey results by excavation of selected anomalies is underway.

TABLE 2
SAMPLING PROGRESS
08/20/2000-08/26/2000

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
90MW063E	FIELDQC	08/23/2000	FIELD QC	0.00	0.00		
S119DCE	FIELDQC	08/23/2000	FIELD QC	0.00	0.00		
W83M2T	FIELDQC	08/23/2000	FIELD QC	0.00	0.00		
0.G.0.00001.0.E	FIELDQC	08/21/2000	FIELDQC	0.00	0.00		
0.G.0.00003.0.E	FIELDQC	08/22/2000	FIELDQC	0.00	0.00		
0.G.0.00005.0.T	FIELDQC	08/21/2000	FIELDQC	0.00	0.00		
0.G.0.00007.0.T	FIELDQC	08/22/2000	FIELDQC	0.00	0.00		
90MW0003E	FIELDQC	08/22/2000	FIELDQC	0.00	0.00		
90WT0004E	FIELDQC	08/21/2000	FIELDQC	0.00	0.00		
ECMWSNP02SE	FIELDQC	08/25/2000	FIELDQC	0.00	0.00		
G118DAE	FIELDQC	08/24/2000	FIELDQC	0.00	0.00		
G118DCE	FIELDQC	08/25/2000	FIELDQC	0.00	0.00		
G118DCT	FIELDQC	08/25/2000	FIELDQC	0.00	0.00		
HC101AB1AAE	FIELDQC	08/23/2000	FIELDQC	0.00	0.00		
HC101MA1AAE	FIELDQC	08/21/2000	FIELDQC	0.00	0.00		
HC101MA1AAT	FIELDQC	08/21/2000	FIELDQC	0.00	0.00		
HC101MC1AAE	FIELDQC	08/22/2000	FIELDQC	0.00	0.00		
HC101MC1AAT	FIELDQC	08/22/2000	FIELDQC	0.00	0.00		
HC101PA1AAE	FIELDQC	08/24/2000	FIELDQC	0.00	0.00		
HC101PB1AAE	FIELDQC	08/25/2000	FIELDQC	0.00	0.00		
LRWS2-3E	FIELDQC	08/24/2000	FIELDQC	0.00	0.00		
S117DEE	FIELDQC	08/21/2000	FIELDQC	0.00	0.00		
S118DCE	FIELDQC	08/22/2000	FIELDQC	0.00	0.00		
S118DJE	FIELDQC	08/23/2000	FIELDQC	0.00	0.00		
S119DJE	FIELDQC	08/24/2000	FIELDQC	0.00	0.00		
S120DCE	FIELDQC	08/24/2000	FIELDQC	0.00	0.00		
S120DDE	FIELDQC	08/25/2000	FIELDQC	0.00	0.00		
W46DDF	FIELDQC	08/24/2000	FIELDQC	0.00	0.00		
W46DDT	FIELDQC	08/24/2000	FIELDQC	0.00	0.00		
0.B.0.00342.3.0	0.B.0.00342.3.0	08/23/2000	GAUZE WIPE				
0.B.1.00031.3.0	0.B.1.00031.3.0	08/24/2000	GAUZE WIPE				
0.B.1.00036.3.0	0.B.1.00036.3.0	08/24/2000	GAUZE WIPE				
0.B.1.00040.3.0	0.B.1.00040.3.0	08/23/2000	GAUZE WIPE				
0.B.1.00043.3.0	0.B.1.00043.3.0	08/23/2000	GAUZE WIPE				
0.B.1.00059.3.0	0.B.1.00059.3.0	08/23/2000	GAUZE WIPE				
0.B.1.00063.3.0	0.B.1.00063.3.0	08/23/2000	GAUZE WIPE				
0.B.1.00066.3.0	0.B.1.00066.3.0	08/23/2000	GAUZE WIPE				
0.B.1.00073.3.0	0.B.1.00073.3.0	08/23/2000	GAUZE WIPE				
0.B.1.00081.3.0	0.B.1.00081.3.0	08/23/2000	GAUZE WIPE				
0.B.1.00093.3.0	0.B.1.00093.3.0	08/24/2000	GAUZE WIPE				
0.B.1.00096.3.0	0.B.1.00096.3.0	08/24/2000	GAUZE WIPE				
0.B.1.00099.3.0	0.B.1.00099.3.0	08/24/2000	GAUZE WIPE				
0.B.1.00110.3.0	0.B.1.00110.3.0	08/22/2000	GAUZE WIPE				

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
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OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
0.B.1.00112.3.0	0.B.1.00112.3.0	08/23/2000	GAUZE WIPE				
0.B.1.00137.3.0	0.B.1.00137.3.0	08/23/2000	GAUZE WIPE				
0.B.1.00171.3.0	0.B.1.00171.3.0	08/25/2000	GAUZE WIPE				
0.B.1.00179.2.S	0.B.1.00179.2.S	08/25/2000	GAUZE WIPE				
0.B.1.00179.3.0	0.B.1.00179.3.0	08/25/2000	GAUZE WIPE				
0.B.1.00224.2.0	0.B.1.00224.2.0	08/24/2000	GAUZE WIPE				
0.B.1.00224.3.0	0.B.1.00224.3.0	08/24/2000	GAUZE WIPE				
0.B.1.00237.3.0	0.B.1.00237.3.0	08/24/2000	GAUZE WIPE				
0.B.1.00272.3.0	0.B.1.00272.3.0	08/23/2000	GAUZE WIPE				
0.B.1.00273.3.0	0.B.1.00273.3.0	08/23/2000	GAUZE WIPE				
0.B.1.00283.3.0	0.B.1.00283.3.0	08/23/2000	GAUZE WIPE				
0.B.1.00322.2.0	0.B.1.00322.2.0	08/24/2000	GAUZE WIPE				
0.B.1.00322.3.0	0.B.1.00322.3.0	08/24/2000	GAUZE WIPE				
0.B.1.00349.3.0	0.B.1.00349.3.0	08/24/2000	GAUZE WIPE				
0.B.1.00350.3.0	0.B.1.00350.3.0	08/24/2000	GAUZE WIPE				
0.B.1.00351.3.0	0.B.1.00351.3.0	08/24/2000	GAUZE WIPE				
0.B.1.00355.3.0	0.B.1.00355.3.0	08/24/2000	GAUZE WIPE				
0.B.1.00370.3.0	0.B.1.00370.3.0	08/24/2000	GAUZE WIPE				
0.B.1.00371.3.0	0.B.1.00371.3.0	08/24/2000	GAUZE WIPE				
0.B.1.00375.3.0	0.B.1.00375.3.0	08/24/2000	GAUZE WIPE				
0.B.1.00396.3.0	0.B.1.00396.3.0	08/24/2000	GAUZE WIPE				
0.B.1.00411.3.0	0.B.1.00411.3.0	08/24/2000	GAUZE WIPE				
0.B.1.00419.2.0	0.B.1.00419.2.0	08/24/2000	GAUZE WIPE				
0.B.1.00419.3.0	0.B.1.00419.3.0	08/24/2000	GAUZE WIPE				
0.B.2.00009.3.0	0.B.2.00009.3.0	08/24/2000	GAUZE WIPE				
0.B.2.00014.3.0	0.B.2.00014.3.0	08/24/2000	GAUZE WIPE				
0.B.2.00021.3.0	0.B.2.00021.3.0	08/24/2000	GAUZE WIPE				
0.B.2.00038.3.0	0.B.2.00038.3.0	08/24/2000	GAUZE WIPE				
0.B.2.00103.2.S	0.B.2.00103.2.S	08/25/2000	GAUZE WIPE				
0.B.2.00103.3.0	0.B.2.00103.3.0	08/25/2000	GAUZE WIPE				
0.B.2.00129.3.0	0.B.2.00129.3.0	08/23/2000	GAUZE WIPE				
0.B.2.00188.3.0	0.B.2.00188.3.0	08/23/2000	GAUZE WIPE				
0.B.2.00200.3.0	0.B.2.00200.3.0	08/23/2000	GAUZE WIPE				
0.B.2.00201.3.0	0.B.2.00201.3.0	08/23/2000	GAUZE WIPE				
0.B.2.00218.3.0	0.B.2.00218.3.0	08/24/2000	GAUZE WIPE				
0.B.2.00272.3.0	0.B.2.00272.3.0	08/24/2000	GAUZE WIPE				
0.B.2.00277.3.0	0.B.2.00277.3.0	08/23/2000	GAUZE WIPE				
0.B.2.00297.3.0	0.B.2.00297.3.0	08/23/2000	GAUZE WIPE				
0.B.2.00297.3.D	0.B.2.00297.3.D	08/23/2000	GAUZE WIPE				
0.C.1.00050.2.0	0.C.1.00050.2.0	08/23/2000	GAUZE WIPE				
0.C.1.00050.3.0	0.C.1.00050.3.0	08/23/2000	GAUZE WIPE				
0.C.1.00054.3.0	0.C.1.00054.3.0	08/23/2000	GAUZE WIPE				
0.C.1.00095.3.0	0.C.1.00095.3.0	08/24/2000	GAUZE WIPE				
0.C.1.00108.2.0	0.C.1.00108.2.0	08/23/2000	GAUZE WIPE				

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0.C.1.00108.3.0	0.C.1.00108.3.0	08/23/2000	GAUZE WIPE				
0.C.1.00126.3.0	0.C.1.00126.3.0	08/23/2000	GAUZE WIPE				
0.C.1.00144.3.0	0.C.1.00144.3.0	08/23/2000	GAUZE WIPE				
0.C.1.00159.3.0	0.C.1.00159.3.0	08/25/2000	GAUZE WIPE				
0.C.1.00187.3.0	0.C.1.00187.3.0	08/25/2000	GAUZE WIPE				
0.C.1.00209.3.0	0.C.1.00209.3.0	08/25/2000	GAUZE WIPE				
0.C.1.00216.3.0	0.C.1.00216.3.0	08/24/2000	GAUZE WIPE				
0.C.1.00251.3.0	0.C.1.00251.3.0	08/24/2000	GAUZE WIPE				
0.C.1.00253.3.0	0.C.1.00253.3.0	08/24/2000	GAUZE WIPE				
0.C.1.00268.3.0	0.C.1.00268.3.0	08/23/2000	GAUZE WIPE				
0.C.1.00278.3.0	0.C.1.00278.3.0	08/23/2000	GAUZE WIPE				
0.C.1.00294.3.0	0.C.1.00294.3.0	08/23/2000	GAUZE WIPE				
0.C.1.00314.3.0	0.C.1.00314.3.0	08/23/2000	GAUZE WIPE				
0.C.1.00315.3.0	0.C.1.00315.3.0	08/23/2000	GAUZE WIPE				
0.C.1.00330.3.0	0.C.1.00330.3.0	08/24/2000	GAUZE WIPE				
0.C.1.00345.3.0	0.C.1.00345.3.0	08/24/2000	GAUZE WIPE				
0.C.1.00358.3.0	0.C.1.00358.3.0	08/24/2000	GAUZE WIPE				
0.C.1.00359.3.0	0.C.1.00359.3.0	08/23/2000	GAUZE WIPE				
0.C.1.00372.3.0	0.C.1.00372.3.0	08/24/2000	GAUZE WIPE				
0.C.1.00374.3.0	0.C.1.00374.3.0	08/24/2000	GAUZE WIPE				
0.C.1.00381.3.0	0.C.1.00381.3.0	08/24/2000	GAUZE WIPE				
0.C.1.00397.3.0	0.C.1.00397.3.0	08/24/2000	GAUZE WIPE				
0.C.1.00398.3.0	0.C.1.00398.3.0	08/24/2000	GAUZE WIPE				
0.C.1.00400.3.0	0.C.1.00400.3.0	08/24/2000	GAUZE WIPE				
0.C.1.00401.3.0	0.C.1.00401.3.0	08/24/2000	GAUZE WIPE				
0.C.1.00402.2.0	0.C.1.00402.2.0	08/24/2000	GAUZE WIPE				
0.C.1.00402.3.0	0.C.1.00402.3.0	08/24/2000	GAUZE WIPE				
0.C.1.00414.3.0	0.C.1.00414.3.0	08/24/2000	GAUZE WIPE				
0.C.1.00425.3.0	0.C.1.00425.3.0	08/24/2000	GAUZE WIPE				
0.C.2.00064.3.0	0.C.2.00064.3.0	08/23/2000	GAUZE WIPE				
0.C.2.00065.3.0	0.C.2.00065.3.0	08/23/2000	GAUZE WIPE				
0.C.2.00083.3.0	0.C.2.00083.3.0	08/23/2000	GAUZE WIPE				
0.C.2.00141.3.0	0.C.2.00141.3.0	08/24/2000	GAUZE WIPE				
0.C.2.00143.3.0	0.C.2.00143.3.0	08/24/2000	GAUZE WIPE				
0.C.2.00173.3.0	0.C.2.00173.3.0	08/23/2000	GAUZE WIPE				
0.C.2.00184.3.0	0.C.2.00184.3.0	08/23/2000	GAUZE WIPE				
0.C.2.00194.3.0	0.C.2.00194.3.0	08/23/2000	GAUZE WIPE				
0.C.2.00205.3.0	0.C.2.00205.3.0	08/24/2000	GAUZE WIPE				
0.C.2.00207.3.0	0.C.2.00207.3.0	08/24/2000	GAUZE WIPE				
0.C.2.00220.3.0	0.C.2.00220.3.0	08/24/2000	GAUZE WIPE				
0.C.2.00243.3.0	0.C.2.00243.3.0	08/24/2000	GAUZE WIPE				
0.C.2.00244.3.0	0.C.2.00244.3.0	08/24/2000	GAUZE WIPE				
0.C.2.00256.3.0	0.C.2.00256.3.0	08/24/2000	GAUZE WIPE				
0.C.2.00270.3.0	0.C.2.00270.3.0	08/24/2000	GAUZE WIPE				

Profiling methods include: Volatiles and Explosives
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Other Sample Types methods are variable
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TABLE 2
SAMPLING PROGRESS
08/20/2000-08/26/2000

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
0.C.2.00275.3.0	0.C.2.00275.3.0	08/24/2000	GAUZE WIPE				
0.C.2.00296.3.0	0.C.2.00296.3.0	08/23/2000	GAUZE WIPE				
0.C.2.00303.3.0	0.C.2.00303.3.0	08/23/2000	GAUZE WIPE				
0.C.200169.3.0	0.C.200169.3.0	08/23/2000	GAUZE WIPE				
0.D.1.00022.3.0	0.D.1.00022.3.0	08/24/2000	GAUZE WIPE				
0.D.1.00027.3.0	0.D.1.00027.3.0	08/24/2000	GAUZE WIPE				
0.D.1.00064.3.0	0.D.1.00064.3.0	08/23/2000	GAUZE WIPE				
0.D.1.00069.3.0	0.D.1.00069.3.0	08/23/2000	GAUZE WIPE				
0.D.1.00088.3.0	0.D.1.00088.3.0	08/23/2000	GAUZE WIPE				
0.D.1.00121.3.0	0.D.1.00121.3.0	08/23/2000	GAUZE WIPE				
0.D.1.00124.3.0	0.D.1.00124.3.0	08/23/2000	GAUZE WIPE				
0.D.1.00172.3.0	0.D.1.00172.3.0	08/25/2000	GAUZE WIPE				
0.D.1.00175.3.0	0.D.1.00175.3.0	08/25/2000	GAUZE WIPE				
0.D.1.00191.2.S	0.D.1.00191.2.S	08/25/2000	GAUZE WIPE				
0.D.1.00191.3.0	0.D.1.00191.3.0	08/25/2000	GAUZE WIPE				
0.D.1.00194.3.0	0.D.1.00194.3.0	08/25/2000	GAUZE WIPE				
0.D.1.00208.3.0	0.D.1.00208.3.0	08/24/2000	GAUZE WIPE				
0.D.1.00213.3.0	0.D.1.00213.3.0	08/24/2000	GAUZE WIPE				
0.D.1.00222.3.0	0.D.1.00222.3.0	08/24/2000	GAUZE WIPE				
0.D.1.00227.3.0	0.D.1.00227.3.0	08/24/2000	GAUZE WIPE				
0.D.1.00228.3.0	0.D.1.00228.3.0	08/25/2000	GAUZE WIPE				
0.D.1.00229.3.0	0.D.1.00229.3.0	08/24/2000	GAUZE WIPE				
0.D.1.00240.3.0	0.D.1.00240.3.0	08/24/2000	GAUZE WIPE				
0.D.1.00261.3.0	0.D.1.00261.3.0	08/23/2000	GAUZE WIPE				
0.D.1.00285.3.0	0.D.1.00285.3.0	08/23/2000	GAUZE WIPE				
0.D.1.00300.3.0	0.D.1.00300.3.0	08/23/2000	GAUZE WIPE				
0.D.1.00319.3.0	0.D.1.00319.3.0	08/23/2000	GAUZE WIPE				
0.D.1.00320.3.0	0.D.1.00320.3.0	08/23/2000	GAUZE WIPE				
0.D.1.00325.3.0	0.D.1.00325.3.0	08/24/2000	GAUZE WIPE				
0.D.1.00353.3.0	0.D.1.00353.3.0	08/24/2000	GAUZE WIPE				
0.D.1.00354.3.0	0.D.1.00354.3.0	08/24/2000	GAUZE WIPE				
0.D.1.00366.3.0	0.D.1.00366.3.0	08/24/2000	GAUZE WIPE				
0.D.1.00376.3.0	0.D.1.00376.3.0	08/24/2000	GAUZE WIPE				
0.D.1.00394.3.0	0.D.1.00394.3.0	08/24/2000	GAUZE WIPE				
0.D.1.00408.3.0	0.D.1.00408.3.0	08/24/2000	GAUZE WIPE				
0.D.1.00428.3.0	0.D.1.00428.3.0	08/24/2000	GAUZE WIPE				
0.D.2.00016.3.0	0.D.2.00016.3.0	08/23/2000	GAUZE WIPE				
0.D.2.00033.3.0	0.D.2.00033.3.0	08/24/2000	GAUZE WIPE				
0.D.2.00054.3.0	0.D.2.00054.3.0	08/23/2000	GAUZE WIPE				
0.D.2.00058.3.0	0.D.2.00058.3.0	08/23/2000	GAUZE WIPE				
0.D.2.00071.2.0	0.D.2.00071.2.0	08/23/2000	GAUZE WIPE				
0.D.2.00071.3.0	0.D.2.00071.3.0	08/23/2000	GAUZE WIPE				
0.D.2.00077.3.0	0.D.2.00077.3.0	08/22/2000	GAUZE WIPE				
0.D.2.00079.3.0	0.D.2.00079.3.0	08/23/2000	GAUZE WIPE				

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SAMPLING PROGRESS
08/20/2000-08/26/2000

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
0.D.2.00104.2.D	0.D.2.00104.2.D	08/25/2000	GAUZE WIPE				
0.D.2.00104.3.0	0.D.2.00104.3.0	08/23/2000	GAUZE WIPE				
0.D.2.00111.3.0	0.D.2.00111.3.0	08/23/2000	GAUZE WIPE				
0.D.2.00145.3.0	0.D.2.00145.3.0	08/24/2000	GAUZE WIPE				
0.D.2.00167.3.0	0.D.2.00167.3.0	08/23/2000	GAUZE WIPE				
0.D.2.00196.3.0	0.D.2.00196.3.0	08/23/2000	GAUZE WIPE				
0.D.2.00231.3.0	0.D.2.00231.3.0	08/24/2000	GAUZE WIPE				
0.D.2.00242.3.0	0.D.2.00242.3.0	08/24/2000	GAUZE WIPE				
0.D.2.00260.3.0	0.D.2.00260.3.0	08/24/2000	GAUZE WIPE				
0.D.2.00299.3.0	0.D.2.00299.3.0	08/23/2000	GAUZE WIPE				
27MW0017A	27MW0017A	08/23/2000	GROUNDWATER	132.00	142.00	48.50	58.50
90MW0003	90MW0003	08/22/2000	GROUNDWATER	141.00	151.00	49.57	59.57
90MW0054	90MW0054	08/22/2000	GROUNDWATER	102.00	112.00	86.83	96.83
90MW0063	90MW0063	08/23/2000	GROUNDWATER	50.00	55.00	32.67	37.67
90MW0070	90MW0070	08/21/2000	GROUNDWATER	125.00	135.00	68.85	78.85
90MW0071	90MW0071	08/21/2000	GROUNDWATER	146.00	156.00	76.04	86.04
90MW0080	90MW0080	08/23/2000	GROUNDWATER	134.00	144.00	83.00	93.00
90WT0004	90WT0004	08/21/2000	GROUNDWATER	38.00	48.00	3.90	13.90
90WT0004D	90WT0004	08/21/2000	GROUNDWATER	38.00	48.00	3.90	13.90
90WT0019	90WT0019	08/22/2000	GROUNDWATER	96.00	106.00	-0.60	9.40
ECMWSNP02D	ECMWSNP02	08/25/2000	GROUNDWATER				
ECMWSNP02S	ECMWSNP02	08/25/2000	GROUNDWATER				
LRWS1-4	LRWS1-4	08/24/2000	GROUNDWATER	121.00	131.00	108.90	118.90
LRWS2-3	LRWS2-3	08/24/2000	GROUNDWATER	147.00	157.00	110.18	120.18
PPAWSPW-1	PPAWSPW-1	08/22/2000	GROUNDWATER				
PPAWSPW-2	PPAWSPW-2	08/22/2000	GROUNDWATER				
TEXTRONPW-1	TEXTRONPW-1	08/22/2000	GROUNDWATER				
TEXTRONPW-1D	TEXTRONPW-1	08/22/2000	GROUNDWATER				
W46DDA	MW-46	08/24/2000	GROUNDWATER	295.00	305.00	132.76	142.76
W46M1A	MW-46	08/23/2000	GROUNDWATER	262.00	272.00	99.25	109.25
W46M2A	MW-46	08/23/2000	GROUNDWATER	215.00	225.00	52.25	62.25
W46M3A	MW-46	08/23/2000	GROUNDWATER	182.00	192.00	18.79	28.79
W63DDA	MW-63	08/25/2000	GROUNDWATER	375.00	380.00	218.36	223.36
W63M1A	MW-63	08/24/2000	GROUNDWATER	244.00	254.00	86.83	96.83
W63M2A	MW-63	08/25/2000	GROUNDWATER	214.00	224.00	56.82	66.82
W80DDA	MW-80	08/21/2000	GROUNDWATER	158.00	168.00	111.28	121.28
W80M3A	MW-80	08/21/2000	GROUNDWATER	70.00	80.00	23.12	33.12
W80SSA	MW-80	08/22/2000	GROUNDWATER	43.00	53.00	-3.84	6.16
W81M2A	MW-81	08/21/2000	GROUNDWATER	83.00	93.00	53.46	63.46
W81SSA	MW-81	08/21/2000	GROUNDWATER	25.00	35.00	-5.16	4.84
W82DDA	MW-82	08/21/2000	GROUNDWATER	125.00	135.00	94.16	104.16
W82M1A	MW-82	08/21/2000	GROUNDWATER	104.00	114.00	73.31	83.31
W82M2A	MW-82	08/22/2000	GROUNDWATER	78.00	88.00	47.56	57.56
W82M2D	MW-82	08/22/2000	GROUNDWATER	78.00	88.00	47.56	57.56

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W82M3A	MW-82	08/22/2000	GROUNDWATER	54.00	64.00	23.30	33.30
W82SSA	MW-82	08/22/2000	GROUNDWATER	25.00	35.00	-5.36	4.64
W83DDA	MW-83	08/24/2000	GROUNDWATER	142.00	152.00	106.18	116.18
W83M1A	MW-83	08/24/2000	GROUNDWATER	110.00	120.00	74.15	84.15
W83M2A	MW-83	08/22/2000	GROUNDWATER	100.00	110.00	64.07	74.07
W83M3A	MW-83	08/23/2000	GROUNDWATER	60.00	70.00	23.88	33.88
W83SSA	MW-83	08/24/2000	GROUNDWATER	33.00	43.00	-2.80	7.20
W84M1A	MW-84	08/25/2000	GROUNDWATER	140.00	150.00	100.56	110.56
W84M2A	MW-84	08/25/2000	GROUNDWATER	104.00	114.00	64.44	74.44
W84M3A	MW-84	08/25/2000	GROUNDWATER	79.00	89.00	39.45	49.45
G118DAA	MW-118	08/24/2000	PROFILE	113.00	113.00	2.00	2.00
G118DBA	MW-118	08/24/2000	PROFILE	120.00	120.00	9.00	9.00
G118DCA	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00
G118DCD	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00
G118DDA	MW-118	08/25/2000	PROFILE	140.00	140.00	29.00	29.00
G118DEA	MW-118	08/25/2000	PROFILE	150.00	150.00	39.00	39.00
G118DED	MW-118	08/25/2000	PROFILE	150.00	150.00	39.00	39.00
S117DEA	MW-117	08/21/2000	SOIL BORING	30.00	32.00		
S117DFA	MW-117	08/21/2000	SOIL BORING	40.00	42.00		
S117DGA	MW-117	08/21/2000	SOIL BORING	50.00	52.00		
S117DHA	MW-117	08/21/2000	SOIL BORING	60.00	62.00		
S117DIA	MW-117	08/21/2000	SOIL BORING	70.00	72.00		
S117DJA	MW-117	08/21/2000	SOIL BORING	80.00	82.00		
S117DKA	MW-117	08/21/2000	SOIL BORING	90.00	92.00		
S117DLA	MW-117	08/21/2000	SOIL BORING	100.00	102.00		
S118DCA	MW-118	08/22/2000	SOIL BORING	10.00	12.00		
S118DDA	MW-118	08/22/2000	SOIL BORING	20.00	22.00		
S118DEA	MW-118	08/22/2000	SOIL BORING	30.00	32.00		
S118DFA	MW-118	08/22/2000	SOIL BORING	40.00	42.00		
S118DGA	MW-118	08/22/2000	SOIL BORING	50.00	52.00		
S118DHA	MW-118	08/22/2000	SOIL BORING	60.00	62.00		
S118DIA	MW-118	08/22/2000	SOIL BORING	70.00	72.00		
S118DJA	MW-118	08/23/2000	SOIL BORING	80.00	82.00		
S118DLA	MW-118	08/23/2000	SOIL BORING	100.00	102.00		
S118DMA	MW-118	08/23/2000	SOIL BORING	110.00	112.00		
S119DCA	MW-119	08/23/2000	SOIL BORING	10.00	12.00		
S119DDA	MW-119	08/23/2000	SOIL BORING	20.00	22.00		
S119DDD	MW-119	08/23/2000	SOIL BORING	20.00	22.00		
S119DEA	MW-119	08/23/2000	SOIL BORING	30.00	32.00		
S119DFA	MW-119	08/23/2000	SOIL BORING	40.00	42.00		
S119DGA	MW-119	08/23/2000	SOIL BORING	50.00	52.00		
S119DHA	MW-119	08/23/2000	SOIL BORING	60.00	62.00		
S119DIA	MW-119	08/23/2000	SOIL BORING	70.00	72.00		
S119DJA	MW-119	08/24/2000	SOIL BORING	80.00	82.00		

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08/20/2000-08/26/2000

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
S119DKA	MW-119	08/24/2000	SOIL BORING	90.00	92.00		
S119DLA	MW-119	08/24/2000	SOIL BORING	100.00	102.00		
S120DCA	MW-120	08/24/2000	SOIL BORING	10.00	12.00		
S120DDA	MW-120	08/25/2000	SOIL BORING	20.00	22.00		
S120DEA	MW-120	08/25/2000	SOIL BORING	30.00	32.00		
S120DFA	MW-120	08/25/2000	SOIL BORING	40.00	42.00		
S120DGA	MW-120	08/25/2000	SOIL BORING	50.00	52.00		
S120DHA	MW-120	08/25/2000	SOIL BORING	60.00	62.00		
S120DIA	MW-120	08/25/2000	SOIL BORING	70.00	72.00		
0.A.1.00032.5.S	0.A.1.00032.5.S	08/21/2000	SOIL GRID				
0.A.1.00085.5.S	0.A.1.00085.5.S	08/21/2000	SOIL GRID				
0.A.1.00259.5.S	0.A.1.00259.5.S	08/21/2000	SOIL GRID				
0.A.1.00338.5.S	0.A.1.00338.5.S	08/21/2000	SOIL GRID				
0.A.2.00001.5.S	0.A.2.00001.5.S	08/21/2000	SOIL GRID				
0.B.1.00031.4.0	0.B.1.00031.4.0	08/24/2000	SOIL GRID				
0.B.1.00036.4.0	0.B.1.00036.4.0	08/24/2000	SOIL GRID				
0.B.1.00040.4.0	0.B.1.00040.4.0	08/23/2000	SOIL GRID				
0.B.1.00043.4.0	0.B.1.00043.4.0	08/22/2000	SOIL GRID				
0.B.1.00043.4.D	0.B.1.00043.4.D	08/23/2000	SOIL GRID				
0.B.1.00046.4.0	0.B.1.00046.4.0	08/23/2000	SOIL GRID				
0.B.1.00059.4.0	0.B.1.00059.4.0	08/23/2000	SOIL GRID				
0.B.1.00063.4.0	0.B.1.00063.4.0	08/23/2000	SOIL GRID				
0.B.1.00066.4.0	0.B.1.00066.4.0	08/23/2000	SOIL GRID				
0.B.1.00073.4.0	0.B.1.00073.4.0	08/23/2000	SOIL GRID				
0.B.1.00081.4.0	0.B.1.00081.4.0	08/23/2000	SOIL GRID				
0.B.1.00093.4.0	0.B.1.00093.4.0	08/24/2000	SOIL GRID				
0.B.1.00096.4.0	0.B.1.00096.4.0	08/24/2000	SOIL GRID				
0.B.1.00099.4.0	0.B.1.00099.4.0	08/24/2000	SOIL GRID				
0.B.1.00110.4.0	0.B.1.00110.4.0	08/23/2000	SOIL GRID				
0.B.1.00110.4.D	0.B.1.00110.4.0	08/22/2000	SOIL GRID				
0.B.1.00112.4.0	0.B.1.00112.4.0	08/22/2000	SOIL GRID				
0.B.1.00171.4.0	0.B.1.00171.4.0	08/25/2000	SOIL GRID				
0.B.1.00179.4.0	0.B.1.00179.4.0	08/25/2000	SOIL GRID				
0.B.1.00224.4.0	0.B.1.00224.4.0	08/24/2000	SOIL GRID				
0.B.1.00237.4.0	0.B.1.00237.4.0	08/24/2000	SOIL GRID				
0.B.1.00272.4.0	0.B.1.00272.4.0	08/23/2000	SOIL GRID				
0.B.1.00273.4.0	0.B.1.00273.4.0	08/22/2000	SOIL GRID				
0.B.1.00283.4.0	0.B.1.00283.4.0	08/22/2000	SOIL GRID				
0.B.1.00322.4.0	0.B.1.00322.4.0	08/24/2000	SOIL GRID				
0.B.1.00342.4.0	0.B.1.00342.4.0	08/23/2000	SOIL GRID				
0.B.1.00349.4.0	0.B.1.00349.4.0	08/24/2000	SOIL GRID				
0.B.1.00350.4.0	0.B.1.00350.4.0	08/24/2000	SOIL GRID				
0.B.1.00351.4.0	0.B.1.00351.4.0	08/24/2000	SOIL GRID				
0.B.1.00355.4.0	0.B.1.00355.4.0	08/24/2000	SOIL GRID				

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0.B.1.00365.3.0	0.B.1.00365.3.0	08/24/2000	SOIL GRID				
0.B.1.00365.4.0	0.B.1.00365.4.0	08/24/2000	SOIL GRID				
0.B.1.00370.4.0	0.B.1.00370.4.0	08/24/2000	SOIL GRID				
0.B.1.00371.4.0	0.B.1.00371.4.0	08/24/2000	SOIL GRID				
0.B.1.00375.4.0	0.B.1.00375.4.0	08/24/2000	SOIL GRID				
0.B.1.00396.4.0	0.B.1.00396.4.0	08/24/2000	SOIL GRID				
0.B.1.00411.4.0	0.B.1.00411.4.0	08/24/2000	SOIL GRID				
0.B.100137.4.0	0.B.100137.4.0	08/22/2000	SOIL GRID				
0.B.2.00009.4.0	0.B.2.00009.4.0	08/24/2000	SOIL GRID				
0.B.2.00014.4.0	0.B.2.00014.4.0	08/24/2000	SOIL GRID				
0.B.2.00021.4.0	0.B.2.00021.4.0	08/24/2000	SOIL GRID				
0.B.2.00038.4.0	0.B.2.00038.4.0	08/24/2000	SOIL GRID				
0.B.2.00103.4.0	0.B.2.00103.4.0	08/25/2000	SOIL GRID				
0.B.2.00129.4.0	0.B.2.00129.4.0	08/23/2000	SOIL GRID				
0.B.2.00129.4.D	0.B.2.00129.4.0	08/22/2000	SOIL GRID				
0.B.2.00188.4.0	0.B.2.00188.4.0	08/23/2000	SOIL GRID				
0.B.2.00188.4.D	0.B.2.00188.4.0	08/23/2000	SOIL GRID				
0.B.2.00200.4.0	0.B.2.00200.4.0	08/23/2000	SOIL GRID				
0.B.2.00201.4.0	0.B.2.00201.4.0	08/23/2000	SOIL GRID				
0.B.2.00218.4.0	0.B.2.00218.4.0	08/24/2000	SOIL GRID				
0.B.2.00272.4.0	0.B.2.00272.4.0	08/24/2000	SOIL GRID				
0.B.2.00277.4.0	0.B.2.00277.4.0	08/23/2000	SOIL GRID				
0.B.2.00297.4.0	0.B.2.00297.4.0	08/23/2000	SOIL GRID				
0.B.2.00297.4.D	0.B.2.00297.4.D	08/23/2000	SOIL GRID				
8.F.0.00001.0.0	8.F.0.00001.0.0	08/21/2000	SOIL GRID				
8.F.0.00002.0.0	8.F.0.00002.0.0	08/21/2000	SOIL GRID				
8.F.0.00003.0.0	8.F.0.00003.0.0	08/21/2000	SOIL GRID				
8.F.0.00004.0.0	8.F.0.00004.0.0	08/21/2000	SOIL GRID				
8.F.0.00005.0.0	8.F.0.00005.0.0	08/21/2000	SOIL GRID				
8.F.0.00006.0.0	8.F.0.00006.0.0	08/21/2000	SOIL GRID				
8.F.0.00007.0.0	8.F.0.00007.0.0	08/21/2000	SOIL GRID				
8.F.0.00008.0.0	8.F.0.00008.0.0	08/21/2000	SOIL GRID				
8.F.0.00009.0.0	8.F.0.00009.0.0	08/21/2000	SOIL GRID				
8.F.0.00010.0.0	8.F.0.00010.0.0	08/21/2000	SOIL GRID				
8.F.0.00010.0.D	8.F.0.00010.0.0	08/21/2000	SOIL GRID				
8.F.0.00010.0.S	8.F.0.00010.0.S	08/21/2000	SOIL GRID				
8.F.0.00011.0.0	8.F.0.00011.0.0	08/21/2000	SOIL GRID				
8.F.0.00012.0.0	8.F.0.00012.0.0	08/21/2000	SOIL GRID				
8.F.0.00013.0.0	8.F.0.00013.0.0	08/21/2000	SOIL GRID				
8.F.0.00014.0.0	8.F.0.00014.0.0	08/21/2000	SOIL GRID				
8.F.0.00015.0.0	8.F.0.00015.0.0	08/21/2000	SOIL GRID				
8.F.0.00016.0.0	8.F.0.00016.0.0	08/21/2000	SOIL GRID				
8.F.0.00017.0.0	8.F.0.00017.0.0	08/21/2000	SOIL GRID				
8.F.0.00018.0.0	8.F.0.00018.0.0	08/21/2000	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
BWTE = Depth below water table, end depth, measured in feet

TABLE 2
SAMPLING PROGRESS
08/20/2000-08/26/2000

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
8.F.0.00019.0.0	8.F.0.00019.0.0	08/21/2000	SOIL GRID				
8.F.0.00020.0.0	8.F.0.00020.0.0	08/21/2000	SOIL GRID				
8.F.0.00020.0.D	8.F.0.00020.0.0	08/21/2000	SOIL GRID				
8.F.0.00020.0.S	8.F.0.00020.0.S	08/21/2000	SOIL GRID				
8.F.0.00021.0.0	8.F.0.00021.0.0	08/21/2000	SOIL GRID				
8.F.0.00022.0.0	8.F.0.00022.0.0	08/21/2000	SOIL GRID				
8.F.0.00023.0.0	8.F.0.00023.0.0	08/21/2000	SOIL GRID				
8.F.0.00024.0.0	8.F.0.00024.0.0	08/21/2000	SOIL GRID				
8.F.0.00025.0.0	8.F.0.00025.0.0	08/21/2000	SOIL GRID				
8.F.0.00026.0.0	8.F.0.00026.0.0	08/21/2000	SOIL GRID				
8.F.0.00027.0.0	8.F.0.00027.0.0	08/21/2000	SOIL GRID				
8.F.0.00028.0.0	8.F.0.00028.0.0	08/21/2000	SOIL GRID				
8.F.0.00029.0.0	8.F.0.00029.0.0	08/21/2000	SOIL GRID				
8.F.0.00030.0.0	8.F.0.00030.0.0	08/21/2000	SOIL GRID				
8.F.0.00030.0.D	8.F.0.00030.0.0	08/21/2000	SOIL GRID				
HC101AB1AAA	101AB	08/23/2000	SOIL GRID	0.00	0.50		
HC101AB1AAA	101AB	08/25/2000	SOIL GRID	0.00	0.50		
HC101AB1BAA	101AB	08/23/2000	SOIL GRID	1.50	2.00		
HC101AB1BAA	101AB	08/25/2000	SOIL GRID	1.50	2.00		
HC101BA1AAA	101BA	08/23/2000	SOIL GRID	0.00	0.25		
HC101BA1AAA	101BA	08/25/2000	SOIL GRID	0.00	0.25		
HC101BA1BAA	101BA	08/23/2000	SOIL GRID	0.25	0.50		
HC101BA1BAA	101BA	08/25/2000	SOIL GRID	0.25	0.50		
HC101BA1CAA	101BA	08/23/2000	SOIL GRID	0.50	1.00		
HC101BA1CAA	101BA	08/25/2000	SOIL GRID	0.50	1.00		
HC101LA1AAA	101LA	08/24/2000	SOIL GRID	0.00	0.25		
HC101LA1BAA	101LA	08/24/2000	SOIL GRID	0.25	0.50		
HC101LA1CAA	101LA	08/24/2000	SOIL GRID	0.50	1.00		
HC101LB1AAA	101LB	08/23/2000	SOIL GRID	0.00	0.25		
HC101LB1AAA	101LB	08/24/2000	SOIL GRID	0.00	0.25		
HC101LB1BAA	101LB	08/23/2000	SOIL GRID	0.25	0.50		
HC101LB1BAA	101LB	08/24/2000	SOIL GRID	0.25	0.50		
HC101LB1CAA	101LB	08/23/2000	SOIL GRID	0.50	1.00		
HC101LB1CAA	101LB	08/24/2000	SOIL GRID	0.50	1.00		
HC101MA1AAA	101MA	08/21/2000	SOIL GRID	0.00	0.25		
HC101MA1BAA	101MA	08/21/2000	SOIL GRID	0.25	0.50		
HC101MA1CAA	101MA	08/21/2000	SOIL GRID	0.50	1.00		
HC101MA1CAD	101MA	08/21/2000	SOIL GRID	0.50	1.00		
HC101MB1AAA	101MB	08/21/2000	SOIL GRID	0.00	0.25		
HC101MB1BAA	101MB	08/21/2000	SOIL GRID	0.25	0.50		
HC101MB1CAA	101MB	08/21/2000	SOIL GRID	0.50	1.00		
HC101MC1AAA	101MC	08/22/2000	SOIL GRID	0.00	0.25		
HC101MC1BAA	101MC	08/22/2000	SOIL GRID	0.25	0.50		
HC101MC1CAA	101MC	08/22/2000	SOIL GRID	0.50	1.00		

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
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BWTS = Depth below water table, start depth, measured in feet
BWTE = Depth below water table, end depth, measured in feet

TABLE 2
SAMPLING PROGRESS
08/20/2000-08/26/2000

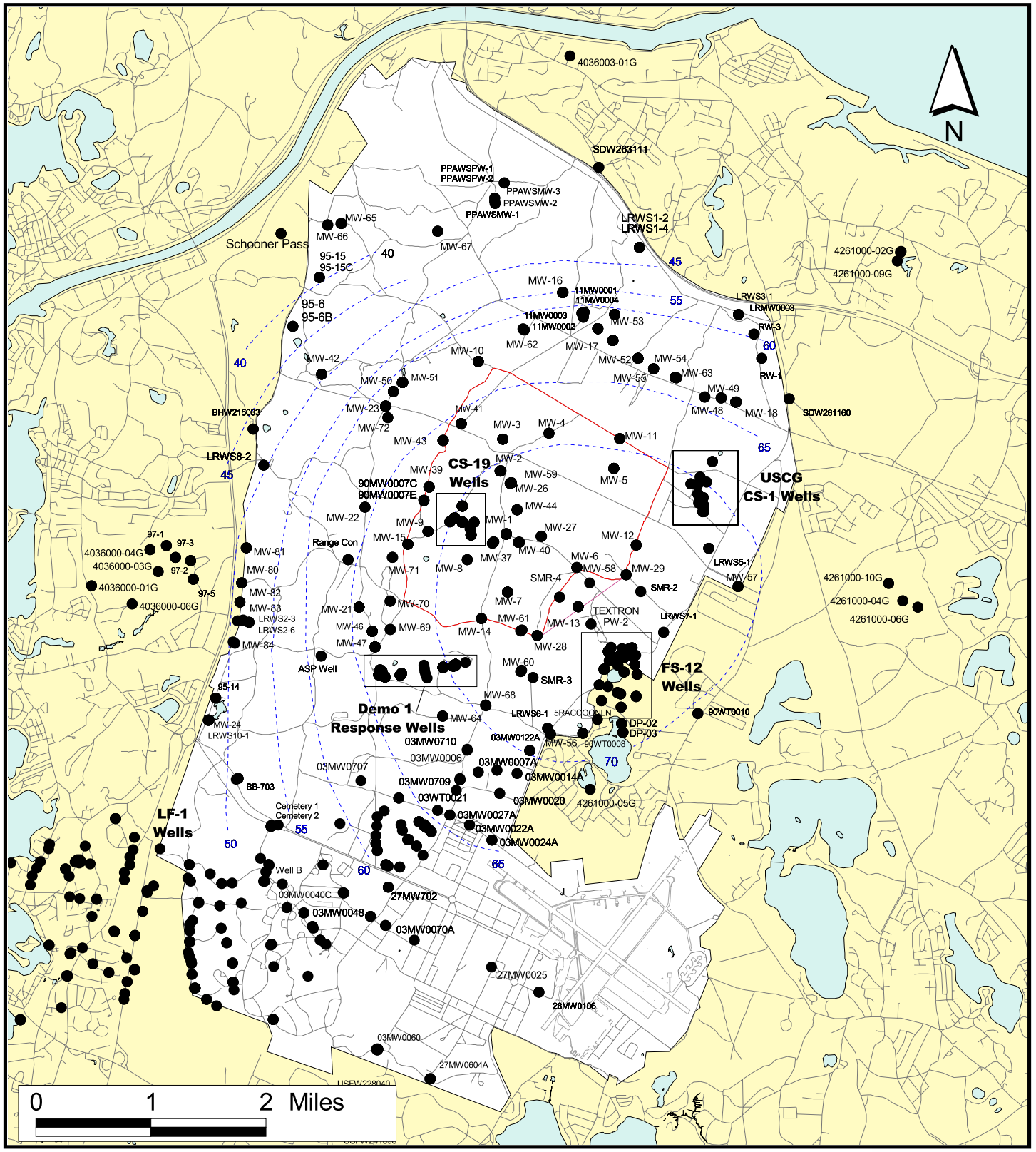
OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC101MD1AAA	101MD	08/22/2000	SOIL GRID	0.00	0.25		
HC101MD1BAA	101MD	08/22/2000	SOIL GRID	0.25	0.50		
HC101MD1BAA	101MD	08/24/2000	SOIL GRID	0.25	0.50		
HC101MD1CAA	101MD	08/22/2000	SOIL GRID	0.50	1.00		
HC101MD1CAA	101MD	08/24/2000	SOIL GRID	0.50	1.00		
HC101PA1AAA	101PA	08/24/2000	SOIL GRID	0.00	0.25		
HC101PA1BAA	101PA	08/24/2000	SOIL GRID	0.25	0.50		
HC101PA1CAA	101PA	08/24/2000	SOIL GRID	0.50	1.00		
HC101PB1AAA	101PB	08/25/2000	SOIL GRID	0.00	0.25		
HC101PB1BAA	101PB	08/25/2000	SOIL GRID	0.25	0.50		
HC101PB1CAA	101PB	08/25/2000	SOIL GRID	0.50	1.00		

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

TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 8/6/00-8/26/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
90MW0034	90MW0034	08/18/2000	GROUNDWATER	96.00	101.00	30.99	35.99	8330N	1,3,5-TRINITROBENZENE	NO
90MW0034	90MW0034	08/18/2000	GROUNDWATER	96.00	101.00	30.99	35.99	8330N	NITROGLYCERIN	NO
90MW0034	90MW0034	08/18/2000	GROUNDWATER	96.00	101.00	30.99	35.99	8330N	PICRIC ACID	NO
90WT0004	90WT0004	08/21/2000	GROUNDWATER	38.00	48.00	3.90	13.90	8330N	OCTAHYDRO-1,3,5,7-TETRANITF	YES
90WT0004D	90WT0004	08/21/2000	GROUNDWATER	38.00	48.00	3.90	13.90	8330N	OCTAHYDRO-1,3,5,7-TETRANITF	YES
90WT0013	90WT0013	08/17/2000	GROUNDWATER	115.00	125.00	29.15	39.15	8330N	2,4-DINITROTOLUENE	YES
90WT0013	90WT0013	08/17/2000	GROUNDWATER	115.00	125.00	29.15	39.15	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
90WT0013	90WT0013	08/17/2000	GROUNDWATER	115.00	125.00	29.15	39.15	8330N	NITROGLYCERIN	NO
W39M2A	MW-39	08/10/2000	GROUNDWATER	175.00	185.00	36.53	46.53	8330N	OCTAHYDRO-1,3,5,7-TETRANITF	YES
W43M2A	MW-43	08/15/2000	GROUNDWATER	200.00	210.00	62.99	72.99	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W55DDA	MW-55	08/15/2000	GROUNDWATER	255.00	265.00	116.58	126.58	8330N	NITROGLYCERIN	NO

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



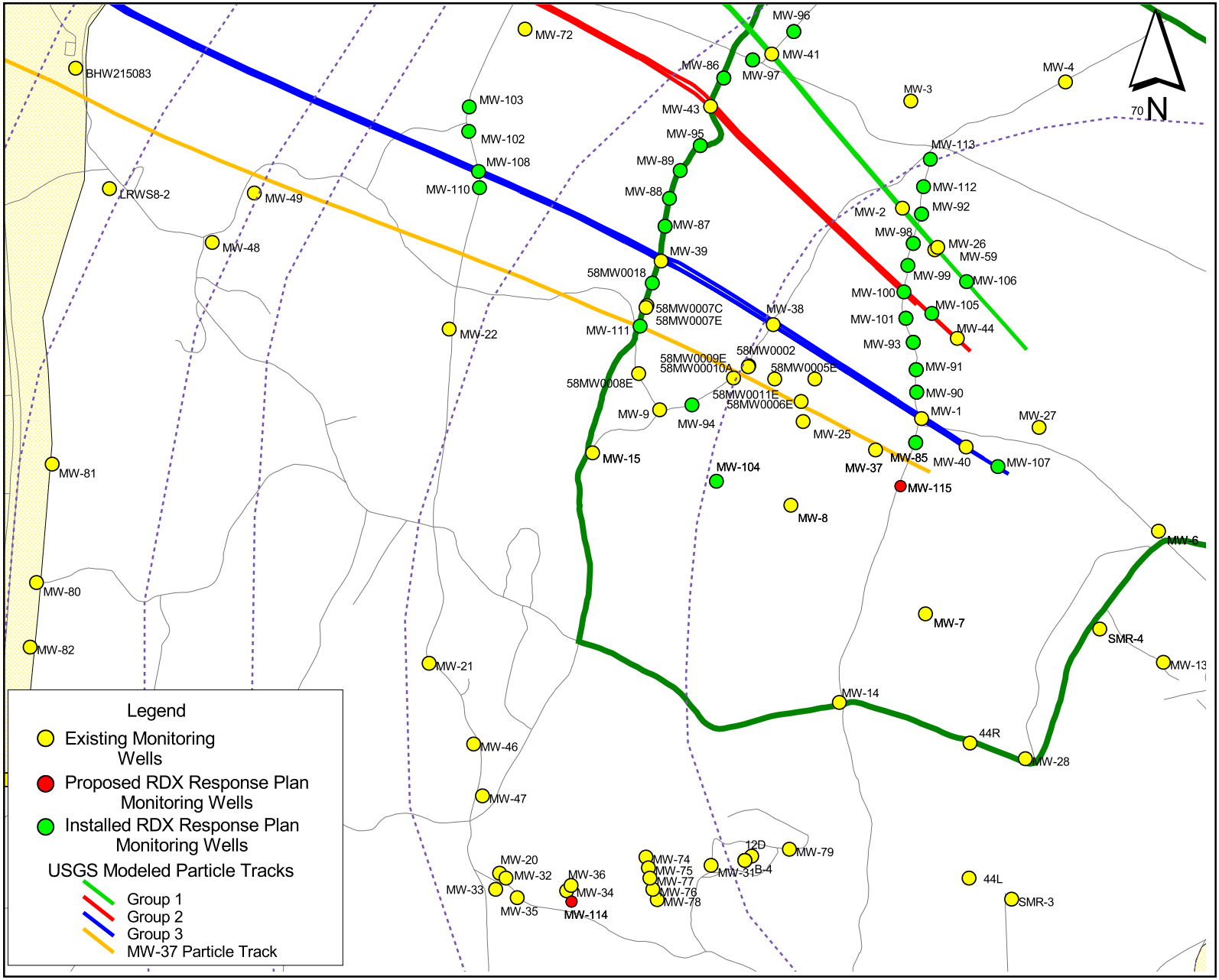
Sources & Notes

Map Coordinates: Stateplane,
NAD83, Zone 4151, Meters
Source: MASSGIS

Location of Existing and Proposed Groundwater Monitoring Wells As Of 12/16/99

L:\MMR\GIS\december99\weekly_figs\dec1699_wells
G:\MMR\well_updates.apr December 20, 1999

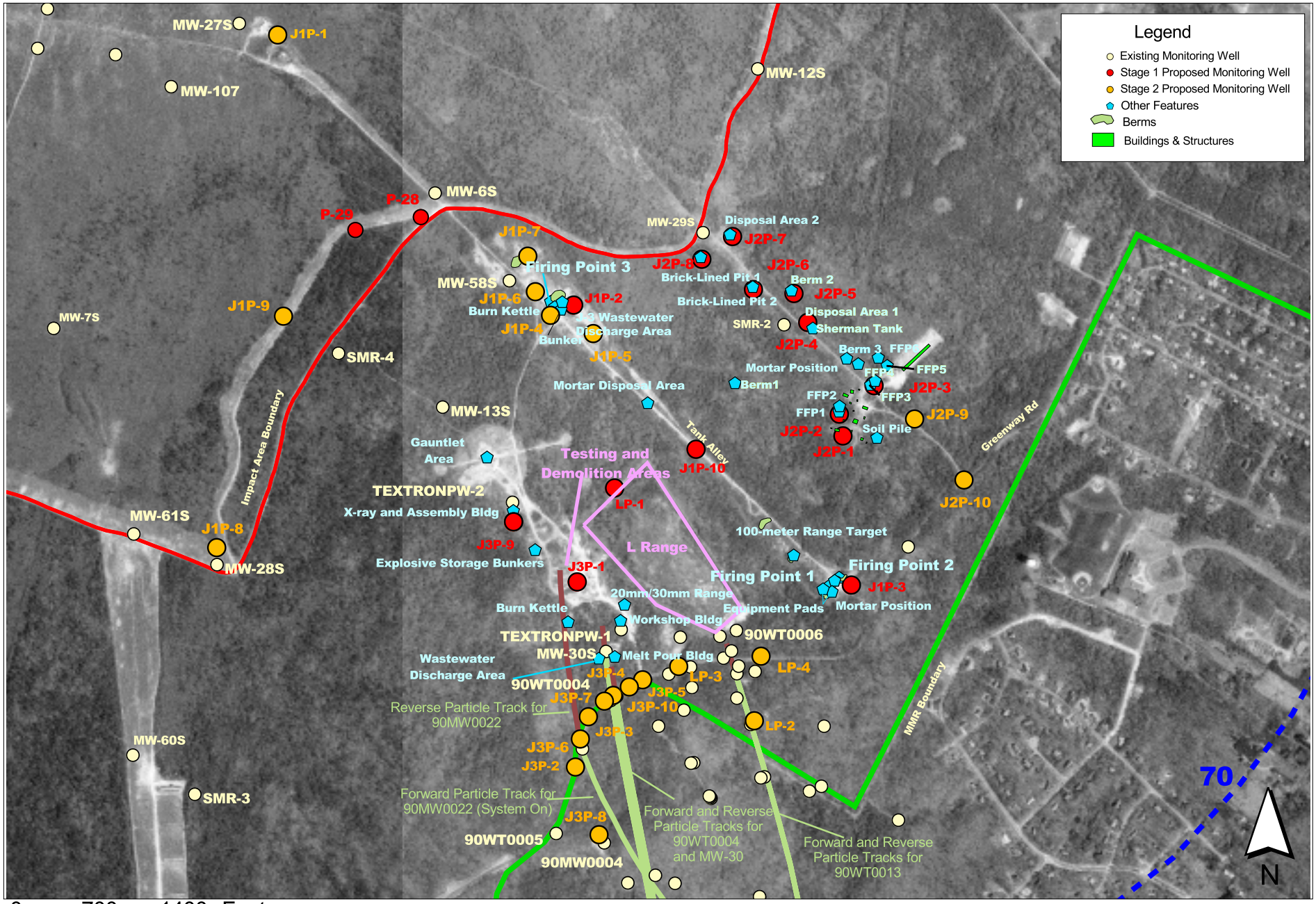
December 16, 1999 DRAFT



L:/MMR/GIS/August00/Well_loc_for_TM
G:\MMR\Well_loc_for_TM.apr
August 16, 2000

Well Locations for Tech Meeting

Figure A



1994 orthophoto as backdrop

J-1, J-2, J-3, and L Ranges
Proposed Monitoring Well Locations

Figure 3-12

J:\MMR\GIS\August2000\J1_J3-LRange_Plan_Final\fig3-12
G:\MMR\special_j-range_figs.apr
August 22, 2000