MONTHLY PROGRESS REPORT #41
FOR AUGUST 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 1 to August 31, 2000. Scheduled actions are for the six-week period ending October 15, 2000.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress for the month of August is summarized in Table 1.

Table 1. Drilling progress for August 2000

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-112	Impact Area Response Well (P-24)	240	90	165-175 195-205
MW-113	Impact Area Response Well (P-25)	250	107	190-200 240-250
MW-114	Demo 1 Response Well	220	138	120-130 177-187
MW-115	Impact Area Response Well (P-23)	220	102	116-126 138-148
MW-116	J-2 Range (J2P3)	113		101-111
MW-117	J-2 Range (J2P6)	115	10	103-113
MW-118	Impact Area Response Well (P-29)	280	169	
MW-119	J-2 Range (J2P8)	115	10	103-113
MW-120	J-2 Range (J2P4)	240	135	
MW-121	J-2 Range (J2P2)	100	10	88-98

bgs = below ground surface
bwt = below water table

Completed well installation on MW-112 (P-24), MW-113 (P-25), MW-114 (Demo 1 Response Well), MW-115 (P-23), MW-116 (J2P-3), MW-117 (J2P-6), MW-119 (J2P-8), and MW-121 (J2P-2). Completed drilling on MW-118 (P-29). Commenced drilling on MW-120 (J2P-4). Completed UXO clearance of the J-2 Range drill pads, J-2 access roads, P28, P-29, L Range access road, L Range drill pads, and J-3 Range access roads and drill pads. Commenced UXO avoidance flagging of the J-2 Range and J-3 Range soil grids. UXO located on the J-2 Range were detonated on 8/15/00. Completed intrusive clearance at the supplemental BIP grids at the Target 9 and P-19 pads. Development of newly installed wells continued.

Samples collected during the reporting period are summarized in Table 2. Soil samples were collected from the craters of UXO detonated in the J-2 Range. Wipe samples of UXO, UXO-related material, and debris were obtained from the High Use Target Area (HUTA). Groundwater samples were collected from the Demo 1 Response wells and the August Long Term Monitoring wells. Groundwater profile samples were collected during the drilling of MW-112, MW-113, MW-114, MW-115, MW-118, and MW-120. Deep soil samples were collected during the drilling of MW-112, MW-114, MW-115, MW-116, MW-117, MW-118, MW-119, and MW-120, and MW-121. Soil samples were collected from grids in the

HUTA, (Area 0.A, 0.B, etc), the HUTA material screening pad (Area 7.F), the J-2 Range (Area 101), the L Range (Area 103), Target 24 (Area 104), Target 41 (Area 105), and near the Popper Kettle (Area 5).

The Guard, EPA, and MADEP had a meeting on August 3 to discuss technical issues, including the following:

- Jacobs presented an update of the CS-19 investigation. Continue to work on the response to comments, which are under internal review. Responses should be ready for the agencies on Monday. George Peterson was introduced and will be managing the Feasibility Study. A meeting has been scheduled for August 10th at 8:00 to go over available technologies. EPA asked if Jacobs has Ogden's Demo-1 technology report. Jacobs indicated that they have the report and EPA comments.
- There was no update on the Water Supply Investigation. DEP asked if the Guard was going to comment on the EA. The Guard indicated that they already provided comments. DEP requested a copy of the Guard's comments. EPA indicated that the JPO denied Tom Cambareri's request for an extension on the comment period. EPA suggested that extensions are automatic under MEPA. The Guard will ask JPO to verify.
- Tetra Tech presented an update of the Munitions Survey. A 1-page handout of the update was distributed. The HUTA grids have been cleared of vegetation. Have identified 800 objects greater than three inches. Logged 60 items into the database in one day. Will begin clearance of non-testable items after all the items are logged. A 3-page handout of the UXO incident report from the database was distributed. Excavation equipment is arriving. The preliminary data from the aerial geophysical survey will be presented after the Tech Meeting. The final data set is being prepared. Continue to work on finalizing the work plan. J-2 Range brush cutting continues. Land survey of J1/J3 to start. Continue to work on the Radiological Work Plan. The Guard indicated that Textron is willing to move items on the J1/J3 Ranges if they are in the way.
- Ogden presented an update of the Rapid Response Action. A 1-page handout of the update was distributed. Received agency comments on the Public Comment Responsiveness Summary. Received DEP comments on the FEC comment responses. Agency comments will be addressed and included as an attachment to the final work plan. The DEP RAM Plan will be submitted before the end of the week. Awaiting the Order of Conditions from the Sandwich Conservation Commission on the J-3 Wetland. The third round of delineation samples from the KD Range were non detect. Currently working on the delineation sampling and analysis report. The draft soil washing report will be ready for internal review by the end of the week. The report indicates that there is the opportunity for substantial volume reduction. The containment pad design should be ready by the end of the week.
- Ogden provided an update of the Groundwater Investigation. A 1-page handout of the update was distributed. A map of the CIA well locations was distributed. Continue drilling on MW-112 (P-24) and MW-113 (P-25) which will require screen selection next week. The next scheduled locations are P-23 and Demo 1 response well. Completed the third round of groundwater sampling of the Demo 1 response wells and commenced the August LTM round. Continue to develop newly installed wells. Continue to UXO clear the J-2 Range drill pads. Commenced soil sampling the Tank Alley and Turpentine Road Targets and the L Range grids. Scheduled to collect air samples from another M-16 firing event this weekend. EPA asked how many rounds would be fired. Ogden indicated that it was unsure at this time but would not perform the monitoring unless 4,000 rounds were scheduled to be fired.
- A 1-page handout of photos of the J-2 Range Melt Pour Building was distributed. Ogden indicated that the original well proposed was a water table well installed with an auger rig. EPA comments requested that the boring in this location be profiled which would require the boring be drilled with a Barber rig. Because this location is in a kettle hole there is insufficient room to set up a Barber rig and associated support equipment. Ogden indicated that if the melt pour building was knocked down

then there would be sufficient room. The laboratory indicated that the preliminary data from the wipe samples of the melt pour building indicated explosives were detected. EPA suggested a site walk after the Tech Meeting to relocate the well. During the site walk after the Tech Meeting, it was agreed to use the auger rig and set a water table well for now.

- A 2-page handout of a table of the CHPPM and 8330 analysis was distributed for review. 8321 data were not available yet.
- EPA indicated that Richard Hugus requested another soil sample from the Popper Kettle location. During the site walk after the Tech Meeting a location for the soil sample was identified.
- EPA requested the status of the wood chip sample and sample collection method.
- EPA stated that Paul Zanis indicated that the J-1 Range berms had some slag material. EPA suggested that this needs to be revisited.
- EPA requested an update of the ASR schedule from the Guard.

After the Technical Meeting there was a presentation by Tetra Tech of the preliminary Impact Area Aerial Geophysical Survey data and an update of the groundwater model by the USGS.

The Guard, EPA, and MADEP had a meeting on August 10 to discuss technical issues, including the following:

- Jacobs presented an update of the CS-19 Investigation. Had a meeting this morning on remediation technologies and objectives. The RCL is expected to be completed early next week. The Feasibility Study continues. A revised schedule will be prepared and distributed. Ogden indicated that CS-19 data would be included in the next monthly progress report.
- The Guard indicated that JPO is still receiving comments on the Water Supply EA. EPA asked Guard/JPO to check on the issue of the extension to the comment period.
- Tetra Tech provided an update on the Munitions Survey. A 1-page handout of the update summary was distributed. A map of the aerial mag survey showing targets was distributed. Ogden noted that they would provide an updated shape file for the targets, as it appears that not all known targets are on the map. There was a MOR meeting on 8/9/00. The final Work Plan is due on August 31. Brush clearing and grubbing commenced in the HUTA. UXO incident reporting continues and should be completed by August 11. Sampling to start next week prior to UXO detonation. Need to move one of the targets next week. Ogden indicated that they need to coordinate to ensure that the grids around that target have been sampled prior to its removal. EPA asked if Range Control keeps a list of when targets are put in place. Ogden indicated that there is no complete list of target installation dates. EPA requested that Tetra Tech provide a handout to locate referenced activities at the HUTA.
- Ogden provided an update of the Rapid Response Action. A 1-page handout of the update summary was distributed. The DEP RAM Plan was submitted 8/3/00. Final Work Plan was submitted on 8/7/00 and are awaiting EPA approval. The Sandwich Conservation Commission "Order of Conditions" for the J-3 Wetland permit was received on 8/8/00. Data validation is underway for the delineation sampling. Working on a delineation report which indicated that 29 grids require removal to a maximum depth of 3 feet, for a total of 750 cubic yards of soil requiring treatment. Draft Report of soil washing is in internal review, with a conference call scheduled for 8/11/00 to discuss the report. Preliminary results for interim treatment samples indicate a high likelihood of success. Containment pad design is complete and awaiting subcontractor cost estimates. DEP reminded the Guard that the deadlines for Phase I Tier Classifications are coming up soon and asked who is the point of contact. Ogden indicated that Ben Gregson is the contact for MCP questions and Scott Veenstra is the contact for technical questions.
- Ogden provided an update of the Groundwater Investigation. A 1-page handout of the update summary and a map of the Central Impact Area were distributed. MW-112 and MW-113 will be completed this week. The Demo 1 response well drilling will commence this week and shallow wells

in J-2 will commence next week. EPA asked how many wells were going to be shallow. Ogden indicated that 6 would be shallow (J2P1, J2P2, J2P3, J2P5, J2P6, J2P8). P-23 drilling will commence next week but will need to coordinate with Tetra Tech due to its location near the HUTA. Groundwater sampling continues for the August Long Term Monitoring round and groundwater was collected from the on and off base water supply wells. UXO clearance of the J-2 Range will be completed this week. Avoidance flagging in the J-1/J-3 Range should start this week. Soil sampling of the J-2 Range grids started this week. No air samples were collected at the SAR firing due to insufficient number of rounds to be fired. EPA asked for an update on the J-2 Range wipe samples. Ogden will look into the status of the wipe samples. Ogden is currently working on a schedule for the field investigation in the J1/J3/L Ranges and will distribute it when completed.

- A handout of the Document Status was distributed for review. The MOR for the J1/J3/L Ranges Work Plan should be out tomorrow but still have some unresolved questions on the radiological analysis. The RCL for the Supplemental Response Plan for the Central Impact Area is due out Monday 8/14; hope to have the resolution meeting Thursday 8/17. The Feasibility Study RCL is being postponed due to significant issues but the date of the final FS Workplan (9/25) proposed in the revised schedule of 7/27/00 is being maintained for now. The Guard needs to propose an alternative date of the Central Impact Area Tech Memo if it will include results of investigations beyond P-21. EPA has suggested combining this document with the screening report.
- A summary prepared by Ogden of the 102 FW response to the 104e Information Request was distributed. Records are only kept for two years. The 102 FW was more active in the J Ranges in the mid 80's. Not active in the 90's except for emergencies and UXO identification. The response information does not suggest that changes to the J Range Workplans are needed at this time.
- The format of the Gun and Mortar Tech Memo was discussed. The agencies indicated that alternative data presentations were not needed at this time. It was agreed that a primary issue for the tech memos is the method of identifying contaminants for the FS. The Guard is working on a proposal to the agencies.
- There was a discussion on the CHPPM results distributed during last weeks Technical Meeting. Still no 8321 data for the aqueous explosive samples. P qualifier by the CHPPM lab indicates a 25% difference between the two columns, which usually becomes a J qualifier after validation. E qualifier indicated that the concentration has exceeded the calibration range. After the results of the 8321 analysis have been received the Guard will submit a letter report to evaluate results of 8321 and CHPPM methods, compared to 8330. EPA indicated that they have not fully reviewed the data but believe that CHPPM and 8321 should be selectively used.
- Regarding the 8321 study for the dyes analysis, Ogden indicated that the Method Detection Limit study is still ongoing, which will cause a delay in the training areas field investigation. The extent of the delay is unclear at this time. The Guard will submit a letter requesting an extension when the completion date can be determined.
- The results of the wood chip analysis along with a memo from Tetra Tech on how the samples were collected were distributed. The sample consisted of a 5- point composite from the chip piles. There were no confirmed detections of explosive compounds, although several false positives were identified. Ogden indicated that Dr. Jenkins stated there is lots of interference with the 8330 method when analyzing organic material. EPA asked the Guard to identify methods used for analysis of biota in other studies.
- EPA updated the DEP on the MW-113 results. Explosives were detected in 50 to 60 feet of the aquifer. The highest RDX detection was 11 ppb.
- EPA asked the Guard to include the ZOCs from the new water supply locations on the Central Impact Area maps. These will be requested from JPO.

EPA indicated that there was a meeting scheduled for discussion of the J1/J3 Ranges with EPA, DEP, Tetra Tech, and the Guard after the Tech Meeting.

The Guard, EPA, and MADEP had a meeting on August 17 to discuss technical issues, including the following:

- There was a discussion of the request for an AFCEE presentation of the CS-19 investigation at the next IART Meeting. AFCEE indicated that they would support the Guard in the CS-19 presentation. The Guard would have Ogden give the CS-19 investigation presentation and AFCEE would be at the table to answer any questions that Ogden could not answer. EPA indicated that the IART is an EPA meeting and they have invited AFCEE to do the presentation. They do not believe that having the Guard give the presentation is the best way to go forward.
- Jacobs indicated that they are preparing a response to comment letter on the CS-19 report, which should be ready before the 8/22/00 JPAT meeting.
- The USACE provided an update on the Water Supply Investigation. The final ZOCs and Zone IIs should be ready by August 31. A meeting was held with DEP on the water management permitting. USACE will apply for an amendment to the existing base permit. The chemical monitoring well proposal will be submitted with the pump test results. EPA asked for an update on the EA comment period. JPO will not extend the comment period deadline but indicated that they would take the additional comments and incorporate them into the plan. EPA asked if there was an automatic extension to the deadline required by MEPA. DEP indicated that they looked into it and were not able to find this requirement. There will be a public meeting on Monday 8/21/00 to receive additional comments.
- Tetra Tech provided an update of the Munitions Survey. A 1-page handout of the investigation summary was distributed. All 16 grids in the HUTA have been cleared of vegetation. Have identified approximately 800 objects with a dimension greater than 3". All appropriate objects have been cataloged and currently being entered in the data base. Will begin sampling of testable items on Monday. Brush cutting continues in the J-2 Range and some additional UXO items have been discovered. J1/J3 Ranges land survey and UXO survey have commenced. Some UXO items have been detected in J-1 Range. The Guard asked when the water bodies validation study will occur. Tetra Tech indicated that it will be done at the same time as the gun position and Demo 1 validation study. A plan is currently being prepared which should be ready for review next week. EPA requested an update on the validation schedule for next week's Technical Meeting. EPA asked if the magnetic anomalies at the end of the J-2 Range are caused by surface features. Tetra Tech indicated that some of the anomalies are the result of tracked vehicles but others do not have surface features. EPA asked Ogden for an update on the UXO clearance and the soil sampling on the J2P7 drill pad (Disposal Area 2). Ogden indicated that they would look into it. After the meeting it was determined that the drill pad at J2P7 has been intrusively cleared with the exception of the locations of the soil grids, which will require assistance from the UXO contractor to sample due to the anomalies. Ogden asked for the status of the explosive field screening method. Lab equipment is arriving next week. When the system is up and running, CRREL will visit to review the method with Tetra Tech.
- Ogden provided an update of the Rapid Response Action. A 1-page summary was distributed. Awaiting DEP approval of the RAM Plan and EPA approval of the final RRA Work Plan. The data validation of the delineation sampling is complete and started working on a draft report. There are 29 grids requiring soil removal to a maximum depth of 3 feet, which will produce up to 750 cubic yards of soil for treatment. Soil washing report will be distributed to the agencies next week. Treatability study continues and the report should be ready by mid September. Containment pad design is complete and was distributed to contractors for cost estimate.
- Ogden provided an update of the Groundwater Investigation. A 1-page summary and 2 maps were distributed. Completed the well installation at MW-114 (Demo 1 response well) and MW-116 (J2P3). Should complete drilling on MW-115 (P-23) this week and need to select screens next week. Next scheduled well locations are P-28, P-29, J2P6, and J2P8. The groundwater sampling of the

August LTM round continues. Distributed a letter with the Uranium analysis method and proposed laboratory for agency review. Continue to develop newly installed wells. Intrusive UXO clearance continues on the J-2 Range well pads and avoidance flagging on the J-2 soil grids. Intrusive clearances on drill pads P-28 and P-29 will be completed by early next week. UXO clearance of the J-3 access roads and J3P9 and J3P1 commenced this week. Avoidance flagging of soil grids will start next week. Need to confirm that the well pad for J3P1 will not interfere with the soil grids in the detonation pit. EPA asked the status of moving the concrete targets in J-3 and Dave McCabe indicated that he would look into it. Soil sampling continues on J-2 Range. EPA asked when the soil data would come in. Ogden indicated that the samples are on a 30-day turn around time. EPA asked Ogden and the USGS to come up with a location for an additional well for Demo 1 because the particle track and plume do not match exactly. It was agreed that there needs to be a discussion on the location of an additional Demo 1 response well next week.

- A table and map of the Demo 1 deep soil samples was distributed. B-17 was the only boring with detections below 9 feet. B-13 and B-14 had refusals at 7 feet due to a magnetic anomaly. B-11 had a physical refusal at 13 feet. It was agreed to discuss the results of the sampling at next weeks Technical Meeting. Ogden will look into what analysis can still be done on the existing soil samples. EPA asked for an update on the MW-19 perchlorate groundwater results.
- The action items from the previous Technical Meetings were discussed:
  - A schedule for the J Ranges drilling is currently being prepared.
  - Currently working on the Tier classification of the MCP sites.
  - Wipe sample results from the J-2 Range will be available later in the meeting.
  - 8321 results should be ready this week. Ogden will prepare a report comparing 8330, CHPPM and 8321 results.
  - Dyes analysis method development is ongoing. A request for extension to the deadline for the Training Areas investigation was submitted to EPA.
  - Continue preparing summary of biota analysis methods.
  - Recon of J-1 was performed to address the slag question with none observed. Need to have Mr. Zanis show the location he observed.
  - ASR kick off meeting is August 22nd at 1:00 (later corrected to 10:00), which will require that the FS Work Plan meeting be rescheduled (later scheduled for 2:00).
- EPA requested that next week's Technical Meeting be changed to Wednesday at 9:00.
- DEP asked that Tetra Tech documents be included in the update tables. Tetra Tech will discuss with the Guard.
- EPA indicated that the maps that the Guard is using for the Town Meetings needs to be updated, consistent with the IART, including the Demo 1 plume and the Central Impact Area area of contamination.
- DPH requested concentration maps focusing on the Snake Pond area. Ogden indicated that concentration maps in the format of the Phase I Completion of Work Report could be prepared. However, the majority of wells sampled by IAGS are for explosives only. Therefore, DPH would also need maps from IRP to evaluate the distribution of other analytes. The explosive results have validated detects at five wells as indicated in the public meeting maps.
- The Guard indicated that the Safe Holding Area (SHA) has exceeded its capacity and newly discovered UXO could not be moved there. The CDC has been put on hold waiting for the air monitoring. The EPA suggested starting using the CDC but a sufficient amount of UXO would be set aside for the air monitoring. The Guard would check with the USACE and have an answer next week. The Guard also indicated that many of the Items in the SHA can not be detonated in the CDC, therefore, a plan is required for their disposal. EPA suggested the Guard prepare a plan for their disposal and submit it to the agencies. The HUTA investigation will likely require numerous detonations each day when excavation starts and a revised plan for detonation notifications will be required to keep on schedule. EPA suggested that the Guard submit a proposal to the agencies. EPA

requested the status of the supplemental detonation crater sampling. EPA asked that additional crater sampling be set as a higher priority.

- A copy of the draft agenda for the IART Meeting was distributed for review. The Munitions Update will include the aerial magnetometer survey and a HUTA summary. The Phase IIb Field Sampling Plan under the Investigations Update will consist of a summary update. The Rapid Response Action will consist of an update of the study and a discussion of the upcoming work.
- A 2-page handout of the Action Items from the July 27 IART meeting was distributed and discussed:
  - 1. The Guard will follow up on the status of the SAR/Greenway Road letter.
  - 2. A letter was sent out on 8-15-00 on the inventory of equipment. DEP indicated that they did inspect the equipment at the UTES for releases of oil. The Guard will check to see if this information can be summarized for the meeting.
  - 3. The Guard will follow up on the status of the ASP inventory.
  - 4. IRP proposes that the Guard present the CS-19 investigation as indicated above.
  - 5. See 4.
  - 6. EPA is evaluating this issue.
  - 7. EPA to invite Mr. Zanis on-site to identify area. The reconnaissance of the area near the popper kettle was done.
  - 8. The Guard will discuss the Small Arms Ranges sampling.
  - 9. The Guard is looking into funding options to support the TOSC program.
  - 10. The DEP notified the IART of the next funding round for the Technical Assistance Grants.
  - 11. EPA has drafted a letter to Bill Librizzi to offer agency continued support for the TOSC services to the Citizen members.
  - 12. The IART agenda will contain more information on items that will be discussed during the updates.
- EPA requested that the Guard check with AFCEE to see if during installation of the treatment system in the Kittridge Road Grenade Courts anything was observed.
- A 1-page summary of the proposed discussion topics for the FS Workplan meeting (8/22 @ 2:00) was provided. These include Contaminants of Concern (COCs), remediation goals, UXO FS, and Remedial Action Objectives. It was agreed that a process to identify COCs is needed; the Guard will provide a proposal for agency review. Regarding remediation goals, EPA indicated that cleanup to background is required except where technically or economically infeasible. An evaluation of feasibility can consider whether there are impacts to groundwater, based on the fate/transport properties of the COCs. Regarding UXO, the topic will be discussed at the 8/22 meeting and ultimately the Guard will prepare a proposal on the FS process for UXO. Regarding Remedial Action Objectives (EPA Specific Comment 42), EPA will review this issue internally in order to provide further guidance.
- The Central Impact Area Response Plan response to comment letter was discussed. DEP had previously sent an approval. The issue of whether additional drilling will be needed following the current proposed wells was discussed. It was agreed that this issue can be revisited as information becomes available from the current phase of drilling.
- A hand out of the J-2 Range wipe samples analysis without PDA results was distributed.

There was a discussion after the Technical Meeting on Textron's RCRA response and its implications for the J Range investigations.

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.

The Guard, EPA, and MADEP had a meeting on August 31 to discuss technical issues, including the following:

- Jacobs provided an update on the CS-19 Investigation. The scheduled RCL meeting has been moved from September 7 to September 13. The draft schedule for future CS-19 work was sent to AFCEE on August 29. This schedule has the FS and supplemental RI work on parallel paths. Jacobs has received an aerial magnetometer survey map of CS-19 from Tetra Tech and are working on evaluating the anomalies. EPA requested a copy of the map. Remedial action objectives are being developed and the tech screening report will be underway for the next few weeks. Ogden will be doing the CS-19 presentation at the IART meeting on September 7. A meeting will be held between Ogden, Jacobs, and USGS prior to the IART meeting, to discuss the differences between the USGS and Jacobs particle tracks. Ogden requested the CS-19 particle tracks as a GIS coverage prior to the meeting.
- The U.S Army Corps of Engineers presented an update on the Water Supply Study. The ZOCs and the Zone 2 estimates are now expected in 1.5 weeks. The draft report is still expected by mid-September.

- Tetra Tech provided an update on the Munitions Survey. A 1-page summary handout was distributed. J-2 surface clearance continues. 83 of the 112 grids have been recorded and the rest should be completed within the next couple of months. They are making progress slower than had been expected due to brush cutting difficulties: 15-20 grids are being done by hand. Approximately 35 items were blown in place on Tuesday within the J-1 Range. The Brontosaurus will be back on Tuesday to continue the ongoing work in J-1. Within the HUTA, 738 surface items have been identified, logged, located, and removed. 10 items BIPed last Friday (8/25) and the post-BIP samples were taken on Monday (8/28). EPA was provided the preliminary EM survey map of the area to help select the six test plots. The data is not expected to change much and preliminary selection of at least one test plot will be done today with the EPA so that surface and subsurface soil sampling can begin by Monday. Dr. Hewitt is expected to visit the week of 9/11 and there will be a presentation on the field GC. EPA also questioned how the 160 –170 samples are being handled now. Tetra Tech has given the metals to STL, others to a university and some samples that can not be run by the field GC are being sent to another lab. 20% of the samples are being sent to STL for QA. UXO clearance of internal roads will be done during next week or the following. The excavation screening plant set up and "debugging" is in progress and the Staging Area is being prepared today. The Excavation Work Plan for Gun & Mortar/Demolition Area 1 Validation has been submitted and revised copies will go out to EPA today. Validation in Demo 1 began last Thursday (8/24) and completion of Demo 1 excavation should be completed today. Two 750-pound bombs were found and believed to be training rounds. A burn pit was detected at a depth of 7 feet in the central portion of the basin. Ogden is awaiting this completion of the validation study to finish with the deep soil borings. Exclusion zones have been set up and initial validation of GP-10 has been started. The GP-10 area is wider than had been anticipated and is being done by hand. The items within this area are related to training activity (nose rings, shipping plugs, and rotating bands).
- Ogden provided an update of the Rapid Response Action. A 1-page summary handout was distributed. Approval has been given by DEP on the RAM Plan and EPA approved the Final RRA Work Plan. The Draft Delineation Sampling Report will be distributed to the agencies tomorrow (9/01/00). The treatability Study Report for soil washing was distributed to EPA and DEP on August 25. EPA requested another copy of the report. Envirogen will have a draft report on the treatability study for bioslurry to the Guard and agencies by early-to-mid-September. Upcoming RRA Implementation activities include the temporary relocation of soil washing equipment and relocation of washed rocks. UXO personnel will be on-site the week of September 11. Ogden is prepared for the Rapid Response Action IART presentation. Ogden will notify Range Control of the upcoming activities. Ogden requested that the Guard determine where the rocks need to be relocated.
- Ogden provided an update on the Groundwater Field Investigation. A 1-page summary handout was distributed. Drilling on MW-118 (P-29), MW-120 (J2P-4), and MW-121 (J2P-2) will be completed this week. Drilling should begin this week on J2P-1. Wells of MW-118 should be completed next week. Screens will need to be selected early next week for MW-118. EPA asked to be updated when a firm day for screen selection is determined. J2P-1 should be completed next week and drilling on J2P-5 will begin. Well screens for J2P-4 should be selected by the end of next week; delays occurred due to detonation events and the groundbreaking ceremony. Groundwater sampling of the August LTM round should be completed by next week and development of newly installed wells continues. UXO clearance of the LP-1 and intrusive clearance of supplemental BIP sample grids at P-19 and Target 9 have been completed. Avoidance flagging in the J-3 Range continues and UXO clearance will occur next week on J-2 and J-1 Ranges. J-2 Range soil grids will be completed next week.
- The results of the J2 Range Melt/Pour Building Wipe Samples were distributed and discussed. The table needs to have the units changed to ug/100cm2 and remove the RCS1 standards.
- The revised schedule (8/30/00) for Demo 1 FS was discussed. Ogden revised the schedule to incorporate EPA comments and allow time for efforts to identify background and the process of identifying contaminants of concern (COCs). Ogden believes that the timelines are very aggressive,

although achievable. The EPA will reject the revised schedule. EPA will meet internally next week to put together a suggested process for COCs using the IRP process as a model, and considering EPA Region 9 PRGs.

- There was a discussion regarding UXO issues. EPA requests a general overview meeting next week for revised procedures. The Guard requested that contractors have draft work plans by September 25. EPA requested a copy of the Corps UXO Guidance Document on safety. The Guard will have an internal meeting to discuss possible revisions, including that of additional work crews. EPA requested a detailed e-mail of how the Corps may change the procedures that are being used. The Guard indicated that the two 750 lb bombs in Demo 1 are training rounds but that one may have the potential of a live fuze and the other needs to be spit open before disposal which will require that they are detonated in place. The EPA suggested that pre and post soil samples be collected. EPA requested a proposal letter for documentation of detonation and sampling process. It will be discussed today on-site during the reconnaissance, including a detailed explanation of where the samples will be taken, in the presence of all the contractors.

Following the meeting there was a site walk to the J Ranges, HUTA, and Demo 1.

EPA did not convene a meeting of the Impact Area Review Team in the month of August.

2. SUMMARY OF DATA RECEIVED

Validated data were received during July for Sample Delivery Groups (SDGs) 321, 326-328, 330, 337-341, 344, 349, 351, 352, and 358. These SDGs contain results for 54 soil samples from UXO detonation craters; 54 groundwater samples from monitoring wells; 68 groundwater profile samples from MW-77, -87, -88, -89, -90, -94, -95, -96, -101, -103, and -104; and 111 soil boring samples from response wells MW-87, -88, -89, -93, -94, -95, -96, -97, -98, -99, -100, -101, and -102.

Validated Data

Figures 1 through 5 depict the cumulative results of groundwater analyses for the period from the start of the IAGS (July 1997) to the present. Each figure depicts results for a different analyte class:

- Figure 1 shows the results of explosive analyses by EPA Method 8330
- Figure 2 shows the results of inorganic analyses (collectively referred to as “metals”, though some analytes are not true metals) by methods 300.0, 350.2M, 353M, 365.2, CYAN, IM40/MB, and IM40HG
- Figure 3 shows the results of Volatile Organic Compound (VOC) analyses by methods OC21V, 504, and 8021W
- Figure 4 shows the results of Semi-Volatile Organic Compound (SVOC) analyses by method OC21B
- Figure 5 shows the results of Pesticide (method OL21P) and Herbicide (method 8151) analyses

The concentrations from these analyses are depicted in Figures 1-5 compared to Maximum Contaminant Levels (MCLs) or Health Advisories (HAs) published by EPA for drinking water. A red circle is used to depict a well where the concentration of one or more analytes was greater than or equal to (GTE) the lowest MCL or HA for the analyte(s). A yellow circle is used to depict a well where the concentration of all analytes was less than (LT) the lowest MCL or HA. A green circle is used to depict a well where the given analytes were not detected. An open circle is used to depict an existing well where the analytes in question (for example, Explosives in Figure 1) have not yet been measured. Table 3 summarizes the detections that exceeded a MCL or HA, sorted by analytical method and analyte, since 1997.

There are multiple labels listed for some wells in Figures 1-5, which indicate multiple well screens at different depths throughout the aquifer. The aquifer is approximately 200-300 feet thick in the study area. Well screens are positioned throughout this thickness based on various factors, including the results of groundwater profile samples, the geology, and projected locations of contaminants estimated by groundwater modeling. The screen labels are colored to indicate which of the depths had the chemical detected above MCLs/HAs. Generally, groundwater entering the top of the aquifer will move deeper into the aquifer as it moves radially outward from the top of the water table mound. Light blue dashed lines in Figures 1-5 depict water table contours. Groundwater generally moves perpendicular to these contours, starting at the center of the 70-foot contour (the top of the mound) and moving radially outward. The rate of vertical groundwater flow deeper into the aquifer slows as groundwater moves away from the mound.

The results presented in Figures 1-5 are cumulative, which provides a historical perspective on the data rather than a depiction of current conditions. Any detection at a well that equals or exceeds the MCL/HA results in the well having a red symbol, regardless of later detections at lower concentrations, or later non-detects. The difference between historical and current conditions varies according to the type of analytes. There are little or no differences between historical and current exceedances of drinking water criteria for Explosives, VOCs, Pesticides, and Herbicides; the minor differences are mentioned in the following paragraphs. There are significant differences between historical and current exceedances of drinking water criteria for Metals and SVOCs, as described further below.

Figure 1: Explosives in Groundwater Compared to MCLs/HAs

Exceedances of drinking water criteria for explosive compounds are indicated in four general areas: Demo Area 1 (wells 19, 31, 34, 73, 76, and 77); the Impact Area and CS-19 (wells 58MW0002, 58MW0009E, 1, 2, 23, 25, 37, 38, 40, 90, and 91); southeast of the J Ranges (wells 90MW0022, 90WT0013); and at the steel-lined pit (well 58). Exceedances of drinking water criteria were measured for 2,4,6-trinitrotoluene (TNT) at Demo Area 1 (well 19S), and for hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) at all of the locations listed above. One of the exceedance wells, 90WT0013, has had no detectable RDX in the last three sample rounds (1/99, 10/99, and 8/00).

Demo Area 1 has a well-defined source area and extent of contamination. The estimated extent of RDX exceeding the HA at Demo Area 1 based on the most recent groundwater measurements is indicated by a magenta concentration contour line on Figure 1 and the inset.

CS-19 is a site located in the Impact Area. Portions of CS-19 are currently under investigation by the Air Force Center for Environmental Excellence (AFCEE) under the Superfund program. Other portions of CS-19, and the remainder of the Impact Area, are under investigation by the National Guard Bureau. RDX has been measured in groundwater emanating from both CS-19 and the Impact Area. A magenta concentration contour line is used in Figure 1 and the inset to show the extent of RDX exceeding the HA in these areas. This extent is based on samples from monitoring wells and samples collected during the drilling process (“profile” samples). This extent also considers non-validated data, where the results have been confirmed using Photo Diode Array (PDA). Additional information regarding PDA is provided below under the heading “Rush (Non-Validated) Data”.

Concentration contours will be prepared for other areas, and refined for the above areas, when sufficient data are available. Studies are currently underway to better delineate the extent of contaminants in the Impact Area, which may include several separate sources. Studies are also underway at Demo 1 and southeast of the J Ranges to evaluate the sources and extent of contaminants.

Figure 2: Metals in Groundwater Compared to MCLs/HAs

Exceedances of drinking water criteria for metals are scattered throughout the study area. Where two or more rounds of sampling data are available, the exceedances generally have not been replicated in consecutive sampling rounds. The exceedances have been measured for antimony, arsenic, cadmium, chromium, lead, molybdenum, sodium, thallium and zinc. None of the 10 antimony exceedances were repeated in consecutive sampling rounds. Arsenic (in well 7M1), cadmium (52M3), and chromium (7M1) each had one exceedance in a single sampling round. The three lead exceedances (wells 2S, 7M1, and ASP) were not repeated in consecutive sampling rounds. Thirteen of the 39 molybdenum exceedances were repeated in consecutive sampling rounds (wells 2S, 2D, 13D, 16D, 46M2, 52D, 52M3, 53M1, 53D, 54M2, 54S, 55D, and 57S). Molybdenum concentrations declined in 12 of these 13 wells. Two of the 12 sodium exceedances were repeated in consecutive sampling rounds (wells 2S and SDW261160). Six of the 45 thallium exceedances were repeated in consecutive sampling rounds (wells 7M1, 7M2, 47M2, 52S, 52D, and 54M1). Zinc exceeded the HA in seven wells, all of which are constructed of galvanized (zinc-coated) steel.

The distribution and lack of repeatability of the metals exceedances is not consistent with a contaminant source, nor do the detections appear to be correlated with the presence of explosives or other organic compounds. The Guard has re-evaluated inorganic background concentrations using the expanded groundwater quality database of 1999, and has submitted a draft report describing background conditions. This draft report indicates that of the nine metals exceeding drinking water criteria, only molybdenum is potentially associated with the site. The population characteristics of the remaining eight metals were determined to be consistent with background.

Figure 3: VOCs in Groundwater Compared to MCLs/HAs

Exceedances of drinking water criteria for VOCs are indicated in three general areas: CS-10 (wells 03MW0007A, 03MW0014A, and 03MW0020), LF-1 (well 27MW0017B), and FS-12 (wells MW-45S, 90MW0003, and ECMWSNP02D). CS-10, LF-1, and FS-12 are sites located near the southern extent of the Training Ranges that are currently under investigation by AFCEE under the Superfund program. Exceedances of drinking water criteria were measured for tetrachloroethylene (PCE) at CS-10, for vinyl chloride at LF-1, and for toluene, 1,2-dichloroethane, and ethylene dibromide (EDB) at FS-12. These compounds are believed to be associated with the sites under investigation by AFCEE.

Figure 4: SVOCs in Groundwater Compared to MCLs/HAs

Exceedances of drinking water criteria for SVOCs are scattered throughout the study area. All exceedances of drinking water criteria for SVOCs were measured for bis (2-ethylhexyl) phthalate (BEHP), except for two locations (wells 45S and 90MW0003) which had exceedances for naphthalene, and well 41M1 which had an estimated level of 2,6-dinitrotoluene (DNT) that is equal to the HA. BEHP is believed to be largely an artifact of the investigation methods, introduced to the samples during collection or analysis. A detailed discussion of the presence of BEHP is provided in the Draft Completion of Work Report (7/98) and subsequent responses to comments. The theory that BEHP occurs as an artifact, and is not really present in the aquifer, is supported by the results of the latest sampling round that show much lower levels of the chemical after additional precautions were taken to prevent cross-contamination during sample collection and analysis. Only three locations (out of 70) showed BEHP exceedances in consecutive sampling rounds: 28MW0106 (located near SD-5, a site under investigation by AFCEE), 58MW0006E (located at CS-19), and 90WT0013 (located at FS-12). The naphthalene exceedances at wells 45S and 90MW0003 are also located in FS-12.

The 2,6-DNT detected at well 41M1 is interesting in that the explosive analysis of this sample by EPA Method 8330 did not detect this compound. The reporting limit under Method 8330 is much lower than the limit for the SVOC method. Well 41M1 was installed along the groundwater flow path downgradient from well 2M2, which has had RDX detected above the HA in the explosive analysis as indicated above. The 2,6-DNT detection at well 41M1 was in the second sampling round, and samples from this well did not have 2,6-DNT detected by either the SVOC method or the explosive method in the first, third, or fourth sampling rounds.

Figure 5: Herbicides and Pesticides in Groundwater Compared to MCLs/HAs

There was one exceedance of drinking water criteria for herbicides or pesticides, at well PPAWSMW-1. A contractor to the United States Air Force installed this monitoring well at the PAVE PAWS radar station in accordance with the Massachusetts Contingency Plan (MCP), in order to evaluate contamination from a fuel spill. The exceedance was for the pesticide dieldrin in a sample collected in June 1999. This well was sampled again in November 1999. The results of the November sample indicate no detectable pesticides although hydrocarbon interference was noted. It appears from the November sample that pesticides identified in the June sample were false positives. However, the June sample results cannot be changed when following the EPA functional guidelines for data validation. The text of the validation report for the June sample has been revised to include an explanation of the hydrocarbon interference and the potential for false positives.

Rush (Non-Validated) Data

Rush data are summarized in Table 4. These data are for analyses that are performed on a fast turnaround time, typically 1-5 days. Explosive analyses for monitoring wells, and explosive and VOC analyses for profile samples, are typically conducted in this timeframe. Other types of analyses may be rushed depending on the proposed use of the data. The rush data have not yet been validated, but are provided as an indication of the most recent preliminary results. Table 4 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 4. 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 4, 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.

- The discrete soil sample from the detonation crater from the 81 mm mortar #8 at the J-2 Range had a detection of TNT, which was verified by the PDA spectra.

- The composite and discrete soil samples from the detonation crater from the 81 mm mortar #21 at the J-2 Range had detections of RDX, which were verified by PDA spectra.

- The composite and discrete soil samples from the detonation crater from the 81 mm mortar #22 at the J-2 Range had detections of RDX, which were verified by PDA spectra.

- The discrete and composite soil samples from the detonation crater from the 81 mm mortar #23 at the J-2 Range had detections of RDX. The composite sample also had a detection of HMX. The RDX and HMX were verified by the PDA spectra.

- The groundwater sample from 90MW0003 had detections of 3-nitrotoluene and nitroglycerin, which were not verified by PDA spectra

- 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 90WT0019 had detections of 2,4-DNT, 2,6-DNT, 4A-DNT, and nitroglycerin, which were not verified by the PDA spectra.

- The groundwater sample from ECMWSNP03D had a detection of 3-nitrotoluene, which was not verified by PDA spectra.

- The groundwater samples from MW-1M2, MW-2M1, MW2M2, MW-23M1, MW-25S, MW-27S, MW34M1, MW-34M2, MW-43M2, and MW-75M2 had detections of RDX, which were verified by PDA spectra. These detections were similar to the previous round of samping with the exception of MW-2M1, which had ND for previous rounds.

- The groundwater sample from MW-1S and MW-76S had detections had detections of RDX and HMX, which were verified by the PDA spectra. The previous round of sampling had similar detections.

- The groundwater sample from MW-19S had detections of RDX, HMX, TNT, 2-4-dinitrotoluene, 2-amino-4,6-dinitrotoluene, and 4-amino-2,6-dinitrotoluene, which were verified by PDA spectra. Previous sampling rounds had similar detections.

- The groundwater sample from MW-31D had detections of RDX, HMX, TNT, 2,4-DNT, 2-amino-4,6-dinitrotoluene (2A-DNT), and 4-amino-2,6-dinitrotoluene (4A-DNT), which were verified by the PDA spectra. The previous rounds did not have explosive detections at this well.

- The groundwater sample from MW-31M1 had detections of RDX, HMX, 2A-DNT, and 4A-DNT, which were verified by PDA spectra. Previous sampling rounds had similar detections.

- The groundwater sample from MW-31S had detections of RDX, HMX, TNT, 2,4-DNT, 2A-DNT, and 4A-DNT, which were verified by PDA spectra. The previous sampling rounds had similar detections.

- 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-50M1 had a detection of 4A-DNT, which was verified by the PDA spectra. Previous rounds had detections of RDX and 4A-DNT.

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

- The groundwater sample from MW-76M2 had detections of RDX, HMX, and 1,3,5-trinitrobenzene, which were verified by PDA spectra. The previous sampling rounds had detections of RDX and HMX.

- The groundwater sample from MW-77M2 had detections of RDX, HMX, and 4-amino-2,6-dinitrotoluene, which were verified by the PDA spectra. Previous rounds of sampling had similar detections.

- The groundwater profile samples from MW-112 had detections of picric acid (3 intervals), RDX (3 intervals), nitroglycerin (1 interval), 2-amino-4,6-dinitrotoluene (1 interval). The RDX was verified by the PDA spectra.

- The groundwater profile samples from MW-113 had detections of 2,6-dinitrotoluene (1 interval), picric acid (8 intervals), RDX (7 intervals), and HMX (2 interval). The RDX in 6 intervals and the HMX were verified by the PDA spectra.

- The groundwater profile samples from MW-114 had detections of RDX (5 intervals), HMX (3 interval), nitroglycerin (7 intervals), PETN (1 interval), and 2A-DNT (1 interval). The RDX and HMX were verified by the PDA spectra.

- The groundwater profile samples from MW-115 had detections of picric acid (1 interval), PETN (2 intervals, and 2,6-DNT (3 intervals), which were not verified by PDA spectra.

- The groundwater profile samples from MW-118 had detections of acetone (7 intervals), chloroform (6 intervals), chloromethane (4 intervals), MEK (7 intervals), TNT (2 intervals), 2,6-DNT (2 intervals), 2-nitrotoluene (1 interval), 3-nitrotoluene (1 interval), 4-nitrotoluene (2 intervals), picric acid (3 intervals), and nitroglycerin (1 interval). The TNT detections were verified by the PDA spectra.

3. DELIVERABLES SUBMITTED

Deliverables submitted during the reporting period include the following:

Final 8/99 BIP Report	08/01/00
Final J-2 Range Work Plan	08/01/00
Draft Mortar Targets TM 00-4	08/02/00
Draft Phase II (b) FSP for Grenade Courts	08/03/00
Draft Phase II (b) FSP for Former K Range	08/03/00
Final SAR Firing Investigation Plan	08/04/00
Weekly Progress Update (July 24-28)	08/08/00
Final Turpentine Road and Tank Alley Field Sampling Plan	08/08/00
Monthly Progress Report #40 (July 2000)	08/10/00
Weekly Progress Update (July 31-Aug 4)	08/11/00
Draft Phase II (b) FSP for Training Area BA-1	08/16/00
Draft Phase II (b) FSP for Former Ammunition Supply Point	08/16/00
Draft Phase II (b) FSP for Mock Village	08/16/00
Final Interim Long Term Groundwater Monitoring Plan	08/18/00

Supplemental Berm Maintenance Report	08/18/00
Weekly Progress Update (Aug 7-Aug 11)	08/18/00
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
Draft Phase II (b) FSP for Small Arms Ranges	08/30/00
Final Central Impact Area Response Plan	08/31/00
Draft Phase II (b) FSP for GA/GB Ranges	08/31/00
Draft Phase II (b) FSP for Cleared Areas	08/31/00

4. SCHEDULED ACTIONS

Figure 6 provides a Gantt chart updated to reflect progress and proposed work. Activities scheduled for September and early October include:

- Revise Demo 1 Draft Soil/Groundwater Report (TM 00-2)
- Continue Impact Area Report Preparation
- Continue J-2 Range soil/groundwater and geophysics investigations
- Continue J-1/J-3/L Range soil/groundwater and geophysics investigations
- Revise Gun/mortar Draft Report (TM 00-3)
- Revise Trenches/Bunkers/Ground Scars Draft Report (TM 00-1)
- Revise Mortar Targets Draft Report (TM 00-4)
- Complete method development and begin Training Areas Investigation
- Begin Training Areas Draft Report
- Revise HUTA-1 Draft Workplan
- Continue HUTA-1 investigation
- Continue groundwater monitoring programs
- Begin Geophysics Draft Report
- Complete pre-RRA implementation
- Complete RRA Source Control
- Continue RRA Innovative Treatment

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 Guard's responses to comments are being discussed with the agencies. The regulatory agencies have provided comments on the draft technical memorandum for the Demo 1 response actions, and responses to comments are being prepared.

Validation of munitions survey results by excavation of selected anomalies was completed. Two 750-pound inert training bombs were discovered during the validation, which will be disposed as scrap metal. Soil samples were collected around the bombs. Additional deep soil sampling, in accordance with the sampling plan in the draft FS Workplan, will be completed following documentation of the validation results.

Profile sample results for MW-114 installed near the toe of the RDX plume indicate that the extent is further south and west than depicted previously. Two additional wells are planned in this area to refine the plume shape. Drilling is expected to resume in several weeks.

TABLE 2
SAMPLING PROGRESS
8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HDJ260MM02	HDJ260MM02	08/18/2000	CRATER GRAB	0.00	0.25		
HDJ260MM03	HDJ260MM03	08/18/2000	CRATER GRAB	0.00	0.25		
HDJ281MM28	HDJ281MM28	08/18/2000	CRATER GRAB	0.00	0.25		
HDJ281MM29	HDJ281MM29	08/18/2000	CRATER GRAB	0.00	0.25		
HDJ281MM30	HDJ281MM30	08/18/2000	CRATER GRAB	0.00	0.25		
HDJ281MM31	HDJ281MM31	08/18/2000	CRATER GRAB	0.00	0.25		
0.G.0.00001.0.E	FIELDQC	08/21/2000	FIELDQC	0.00	0.00		
0.G.0.00001.0.T	FIELDQC	08/16/2000	FIELDQC	0.00	0.00		
0.G.0.00003.0.E	FIELDQC	08/22/2000	FIELDQC	0.00	0.00		
0.G.0.00003.0.T	FIELDQC	08/18/2000	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		
0.G.0.00010.0.T	FIELDQC	08/28/2000	FIELDQC	0.00	0.00		
58MW0009EE	FIELDQC	08/30/2000	FIELDQC	0.00	0.00		
58MW0011ED	FIELDQC	08/30/2000	FIELDQC	0.00	0.00		
90LWA0007E	FIELDQC	08/31/2000	FIELDQC	0.00	0.00		
90MW0003E	FIELDQC	08/22/2000	FIELDQC	0.00	0.00		
90MW063E	FIELDQC	08/23/2000	FIELDQC	0.00	0.00		
90WT0003E	FIELDQC	08/18/2000	FIELDQC	0.00	0.00		
90WT0004E	FIELDQC	08/21/2000	FIELDQC	0.00	0.00		
90WT0010E	FIELDQC	08/29/2000	FIELDQC	0.00	0.00		
90WT0013E	FIELDQC	08/17/2000	FIELDQC	0.00	0.00		
95-14E	FIELDQC	08/28/2000	FIELDQC	0.00	0.00		
ECMWSNP02SE	FIELDQC	08/25/2000	FIELDQC	0.00	0.00		
ECMWSNP03SE	FIELDQC	08/28/2000	FIELDQC	0.00	0.00		
G112DGE	FIELDQC	08/03/2000	FIELDQC	0.00	0.00		
G113DAE	FIELDQC	08/01/2000	FIELDQC	0.00	0.00		
G113DDE	FIELDQC	08/03/2000	FIELDQC	0.00	0.00		
G113DEE	FIELDQC	08/04/2000	FIELDQC	0.00	0.00		
G113DGE	FIELDQC	08/07/2000	FIELDQC	0.00	0.00		
G114DAE	FIELDQC	08/11/2000	FIELDQC	0.00	0.00		
G114DDE	FIELDQC	08/14/2000	FIELDQC	0.00	0.00		
G115DAE	FIELDQC	08/16/2000	FIELDQC	0.00	0.00		
G115DGE	FIELDQC	08/17/2000	FIELDQC	0.00	0.00		
G115DKE	FIELDQC	08/18/2000	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		
G118DFE	FIELDQC	08/28/2000	FIELDQC	0.00	0.00		
G118DHE	FIELDQC	08/30/2000	FIELDQC	0.00	0.00		
G118DHT	FIELDQC	08/29/2000	FIELDQC	0.00	0.00		
G118DPT	FIELDQC	08/31/2000	FIELDQC	0.00	0.00		
G120DAE	FIELDQC	08/30/2000	FIELDQC	0.00	0.00		
G120DGE	FIELDQC	08/31/2000	FIELDQC	0.00	0.00		
HC101AA1AAE	FIELDQC	08/17/2000	FIELDQC	0.00	0.00		
HC101AA1AAT	FIELDQC	08/17/2000	FIELDQC	0.00	0.00		
HC101AB1AAE	FIELDQC	08/23/2000	FIELDQC	0.00	0.00		
HC101DA1AAT	FIELDQC	08/08/2000	FIELDQC	0.00	0.00		
HC101DA1BAT	FIELDQC	08/09/2000	FIELDQC	0.00	0.00		

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TABLE 2
SAMPLING PROGRESS
8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC101DC1AAE	FIELDQC	08/10/2000	FIELDQC	0.00	0.00		
HC101GA1AAE	FIELDQC	08/14/2000	FIELDQC	0.00	0.00		
HC101GA1AAT	FIELDQC	08/14/2000	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		
HC101NA1AAE	FIELDQC	08/15/2000	FIELDQC	0.00	0.00		
HC101NA1CAE	FIELDQC	08/17/2000	FIELDQC	0.00	0.00		
HC101NA1CAT	FIELDQC	08/16/2000	FIELDQC	0.00	0.00		
HC101OA1AAE	FIELDQC	08/18/2000	FIELDQC	0.00	0.00		
HC101OA1AAT	FIELDQC	08/18/2000	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		
HC103AA1AAE	FIELDQC	08/03/2000	FIELDQC	0.00	0.00		
HC103AD1AAE	FIELDQC	08/04/2000	FIELDQC	0.00	0.00		
HC104A1AAE	FIELDQC	08/01/2000	FIELDQC	0.00	0.00		
HC104A1AAT	FIELDQC	08/01/2000	FIELDQC	0.00	0.00		
HC104B1AAE	FIELDQC	08/02/2000	FIELDQC	0.00	0.00		
HD101DA1AAE	FIELDQC	08/09/2000	FIELDQC	0.00	0.00		
HD101FA1AAE	FIELDQC	08/11/2000	FIELDQC	0.00	0.00		
HD101FA1AAT	FIELDQC	08/11/2000	FIELDQC	0.00	0.00		
LRWS2-3E	FIELDQC	08/24/2000	FIELDQC	0.00	0.00		
S112DNE	FIELDQC	08/01/2000	FIELDQC	0.00	0.00		
S114DAE	FIELDQC	08/10/2000	FIELDQC	0.00	0.00		
S114DAT	FIELDQC	08/10/2000	FIELDQC	0.00	0.00		
S115DCE	FIELDQC	08/14/2000	FIELDQC	0.00	0.00		
S115DEE	FIELDQC	08/15/2000	FIELDQC	0.00	0.00		
S115DME	FIELDQC	08/16/2000	FIELDQC	0.00	0.00		
S116DAE	FIELDQC	08/14/2000	FIELDQC	0.00	0.00		
S116DAT	FIELDQC	08/15/2000	FIELDQC	0.00	0.00		
S116DCE	FIELDQC	08/15/2000	FIELDQC	0.00	0.00		
S116DEE	FIELDQC	08/16/2000	FIELDQC	0.00	0.00		
S117DCE	FIELDQC	08/18/2000	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		
S119DCE	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		
S120DJE	FIELDQC	08/28/2000	FIELDQC	0.00	0.00		
S120DLE	FIELDQC	08/29/2000	FIELDQC	0.00	0.00		
S121DCE	FIELDQC	08/30/2000	FIELDQC	0.00	0.00		
S121DCT	FIELDQC	08/30/2000	FIELDQC	0.00	0.00		
S121DJE	FIELDQC	08/31/2000	FIELDQC	0.00	0.00		
W02DDT	FIELDQC	08/02/2000	FIELDQC	0.00	0.00		
W05DDT	FIELDQC	08/03/2000	FIELDQC	0.00	0.00		
W05M1T	FIELDQC	08/03/2000	FIELDQC	0.00	0.00		

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8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W16DDT	FIELDQC	08/04/2000	FIELDQC	0.00	0.00		
W18M2F	FIELDQC	08/07/2000	FIELDQC	0.00	0.00		
W18M2T	FIELDQC	08/07/2000	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		
W63SST	FIELDQC	08/28/2000	FIELDQC	0.00	0.00		
W83M2T	FIELDQC	08/23/2000	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	08/23/2000	GAUZE WIPE				
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	08/25/2000	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				

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SAMPLING PROGRESS
8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
0.B.2.00043.3.0	0.B.2.00043.3.0	08/23/2000	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				
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				

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8/1/2000-8/31/2000

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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				
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.1.00231.3.0	0.D.1.00231.3.0	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				

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TABLE 2
SAMPLING PROGRESS
8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
0.D.2.00016.3.0	0.D.2.00016.3.0	08/24/2000	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				
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.2.00242.3.0	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				
0.G.0.00002.0.F	0.G.0.00002.0.F	08/16/2000	GROUNDWATER	0.00	0.00		
27MW0017A	27MW0017A	08/23/2000	GROUNDWATER	132.00	142.00	48.50	58.50
4036000-01G	4036000-01G	08/07/2000	GROUNDWATER				
4036000-02G	4036000-02G	08/07/2000	GROUNDWATER				
4036000-04G	4036000-04G	08/07/2000	GROUNDWATER				
4036000-06G	4036000-06G	08/07/2000	GROUNDWATER				
4036003-01G	4036003-01G	08/03/2000	GROUNDWATER				
4261000-02G	4261000-02G	08/08/2000	GROUNDWATER				
4261000-03G	4261000-03G	08/08/2000	GROUNDWATER				
4261000-04G	4261000-04G	08/08/2000	GROUNDWATER				
4261000-05G	4261000-05G	08/08/2000	GROUNDWATER				
4261000-06G	4261000-06G	08/08/2000	GROUNDWATER				
4261000-09G	4261000-09G	08/08/2000	GROUNDWATER				
4261000-10G	4261000-10G	08/08/2000	GROUNDWATER				
4261000-11G	4261000-11G	08/08/2000	GROUNDWATER				
58MW0006E	58MW0006E	08/30/2000	GROUNDWATER	110.00	120.00	0.00	10.00
58MW0009E	58MW0009E	08/30/2000	GROUNDWATER	128.00	138.00	1.62	11.62
58MW0011E	58MW0011E	08/30/2000	GROUNDWATER	146.00	156.00	16.75	26.75
90LWA0007	90LWA0007	08/31/2000	GROUNDWATER	92.00	102.00	0.00	10.00
90MW0003	90MW0003	08/22/2000	GROUNDWATER	141.00	151.00	49.57	59.57
90MW0034	90MW0034	08/18/2000	GROUNDWATER	96.00	101.00	30.99	35.99
90MW0041	90MW0041	08/17/2000	GROUNDWATER	127.00	133.00	34.23	39.23
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
90WT0003	90WT0003	08/18/2000	GROUNDWATER	91.50	101.50	0.00	10.00
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
90WT0005	90WT0005	08/18/2000	GROUNDWATER	51.00	61.00	0.00	10.00
90WT0006	90WT0006	08/17/2000	GROUNDWATER	98.00	108.00	0.00	10.00

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TABLE 2
SAMPLING PROGRESS
8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
90WT0010	90WT0010	08/29/2000	GROUNDWATER	82.00	92.00	0.00	10.00
90WT0013	90WT0013	08/17/2000	GROUNDWATER	115.00	125.00	29.15	39.15
90WT0019	90WT0019	08/22/2000	GROUNDWATER	96.00	106.00	0.00	10.00
95-14	95-14	08/28/2000	GROUNDWATER	102.00	112.00	89.10	99.10
ASPWELL	ASPWELL	08/08/2000	GROUNDWATER				
ASPWELLD	ASPWELL	08/08/2000	GROUNDWATER				
ECMWSNP02D	ECMWSNP02	08/25/2000	GROUNDWATER				
ECMWSNP02S	ECMWSNP02	08/25/2000	GROUNDWATER				
ECMWSNP03D	ECMWSNP03D	08/28/2000	GROUNDWATER				
ECMWSNP03S	ECMWSNP03S	08/28/2000	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				
RANGECON	RANGECON	08/07/2000	GROUNDWATER				
TEXTRONPW-1	TEXTRONPW-1	08/22/2000	GROUNDWATER				
TEXTRONPW-1D	TEXTRONPW-1	08/22/2000	GROUNDWATER				
USCGANTST	USCGANTST	08/07/2000	GROUNDWATER				
W02DDA	MW-2	08/02/2000	GROUNDWATER	355.00	360.00	212.80	217.80
W02DDD	MW-2	08/02/2000	GROUNDWATER	355.00	360.00	212.80	222.80
W02M1A	MW-2	08/02/2000	GROUNDWATER	212.00	217.00	70.16	75.16
W02M2A	MW-2	08/02/2000	GROUNDWATER	170.00	175.00	28.20	33.20
W03DDA	MW-3	08/03/2000	GROUNDWATER	257.00	267.00	207.40	217.40
W03M1A	MW-3	08/02/2000	GROUNDWATER	240.00	245.00	189.85	194.85
W03M1D	MW-3	08/02/2000	GROUNDWATER	240.00	245.00	189.85	194.85
W03M2A	MW-3	08/02/2000	GROUNDWATER	180.00	185.00	129.78	134.78
W03SSA	MW-3	08/02/2000	GROUNDWATER	44.00	54.00	0.00	10.00
W05DDA	MW-5	08/03/2000	GROUNDWATER	330.00	340.00	212.36	222.36
W05M1A	MW-5	08/03/2000	GROUNDWATER	205.00	215.00	87.39	97.39
W05M2A	MW-5	08/03/2000	GROUNDWATER	165.00	175.00	47.56	57.56
W05SSA	MW-5	08/03/2000	GROUNDWATER	119.00	129.00	1.35	11.35
W07DDA	MW-7	08/09/2000	GROUNDWATER	332.00	342.00	223.56	233.56
W07M1A	MW-7	08/08/2000	GROUNDWATER	240.00	245.00	131.61	136.61
W07M1L	MW-7	08/08/2000	GROUNDWATER	103.00	113.00		
W07M2A	MW-7	08/08/2000	GROUNDWATER	170.00	175.00	61.37	66.37
W07SSA	MW-7	08/07/2000	GROUNDWATER	103.00	113.00	0.00	10.00
W10DDA	MW-10	08/10/2000	GROUNDWATER	351.50	361.50	200.06	210.06
W10DDA	MW-10	08/11/2000	GROUNDWATER	351.50	361.50	200.06	210.06
W10M1A	MW-10	08/09/2000	GROUNDWATER	280.00	285.00	129.56	134.56
W10M1D	MW-10	08/09/2000	GROUNDWATER	280.00	285.00	129.56	134.56
W10SSA	MW-10	08/09/2000	GROUNDWATER	145.00	155.00	0.00	10.00
W15DDA	MW-15	08/04/2000	GROUNDWATER	324.00	334.00	213.18	223.18
W15SSA	MW-15	08/04/2000	GROUNDWATER	105.00	115.00	0.00	10.00
W16DDA	MW-16	08/03/2000	GROUNDWATER	355.00	360.00	212.80	217.80
W16SSA	MW-16	08/03/2000	GROUNDWATER	128.00	138.00	0.00	10.00
W17DDA	MW-17	08/07/2000	GROUNDWATER	320.00	330.00	192.35	202.35
W17M1A	MW-17	08/04/2000	GROUNDWATER	220.00	230.00	93.00	103.00
W17M2A	MW-17	08/04/2000	GROUNDWATER	190.00	200.00	63.00	73.00
W17M3A	MW-17	08/03/2000	GROUNDWATER	160.00	170.00	33.00	43.00

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8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W17SSA	MW-17	08/07/2000	GROUNDWATER	120.00	130.00	0.00	10.00
W18DDA	MW-18	08/07/2000	GROUNDWATER	265.00	275.00	218.93	228.93
W18M1A	MW-18	08/07/2000	GROUNDWATER	171.00	176.00	125.91	130.91
W18M2A	MW-18	08/04/2000	GROUNDWATER	107.00	112.00	62.00	67.00
W18SSA	MW-18	08/07/2000	GROUNDWATER	35.00	45.00	0.00	10.00
W19DDA	MW-19	08/08/2000	GROUNDWATER	293.00	298.00	247.55	252.55
W19SSA	MW-19	08/08/2000	GROUNDWATER	38.00	48.00	0.00	10.00
W21DDA	MW-21	08/08/2000	GROUNDWATER	302.00	312.00	128.02	138.02
W21M2A	MW-21	08/07/2000	GROUNDWATER	226.00	236.00	51.27	61.27
W21M3A	MW-21	08/07/2000	GROUNDWATER	196.00	206.00	21.21	31.21
W21SSA	MW-21	08/08/2000	GROUNDWATER	164.00	174.00	0.00	10.00
W23DDA	MW-23	08/09/2000	GROUNDWATER	272.00	282.00	142.51	152.51
W23M1A	MW-23	08/08/2000	GROUNDWATER	225.00	235.00	95.85	105.85
W23M2A	MW-23	08/09/2000	GROUNDWATER	189.00	194.00	59.68	64.68
W23M3A	MW-23	08/08/2000	GROUNDWATER	156.00	161.00	26.70	31.70
W25SSA	MW-25	08/08/2000	GROUNDWATER	108.00	118.00	0.00	10.00
W26SSA	MW-26	08/08/2000	GROUNDWATER	129.00	139.00	0.00	10.00
W27SSA	MW-27	08/09/2000	GROUNDWATER	117.00	127.00	0.00	10.00
W28SSA	MW-28	08/09/2000	GROUNDWATER	95.00	105.00	0.00	10.00
W31DDA	MW-31	08/09/2000	GROUNDWATER	133.00	138.00	43.10	48.10
W31M1A	MW-31	08/09/2000	GROUNDWATER	113.00	123.00	22.85	32.85
W31SSA	MW-31	08/09/2000	GROUNDWATER	98.00	103.00	7.76	12.76
W34M1A	MW-34	08/11/2000	GROUNDWATER	151.00	161.00	71.00	81.00
W34M2A	MW-34	08/10/2000	GROUNDWATER	131.00	141.00	49.20	59.20
W34M3A	MW-34	08/10/2000	GROUNDWATER	111.00	121.00	28.00	38.00
W35M1A	MW-35	08/09/2000	GROUNDWATER	155.00	165.00	65.27	75.27
W35M2A	MW-35	08/09/2000	GROUNDWATER	100.00	110.00	10.26	20.26
W35SSA	MW-35	08/10/2000	GROUNDWATER	84.00	94.00	0.00	10.00
W36M1A	MW-36	08/10/2000	GROUNDWATER	151.00	161.00	72.10	82.10
W36M2A	MW-36	08/10/2000	GROUNDWATER	175.00	185.00	36.53	46.53
W37M1A	MW-37	08/31/2000	GROUNDWATER	181.00	191.00	58.94	68.94
W37M2A	MW-37	08/31/2000	GROUNDWATER	145.00	155.00	22.84	32.84
W37M3A	MW-37	08/31/2000	GROUNDWATER	130.00	140.00	8.03	18.03
W38DDA	MW-38	08/11/2000	GROUNDWATER	242.00	252.00	120.20	130.20
W38M1A	MW-38	08/10/2000	GROUNDWATER	217.00	227.00	95.11	105.11
W38M2A	MW-38	08/10/2000	GROUNDWATER	187.00	197.00	65.02	75.02
W38M3A	MW-38	08/11/2000	GROUNDWATER	170.00	180.00	48.26	58.26
W38M4A	MW-38	08/14/2000	GROUNDWATER	132.00	142.00	10.15	20.15
W38SSA	MW-38	08/14/2000	GROUNDWATER	115.00	125.00	0.00	10.00
W39M1A	MW-39	08/10/2000	GROUNDWATER	220.00	230.00	81.70	91.70
W39M2A	MW-39	08/10/2000	GROUNDWATER	175.00	185.00	36.53	46.53
W41M1A	MW-41	08/10/2000	GROUNDWATER	235.00	245.00	105.01	115.01
W41M2A	MW-41	08/11/2000	GROUNDWATER	194.00	204.00	63.90	73.90
W42M1A	MW-42	08/14/2000	GROUNDWATER	206.00	216.00	135.19	145.19
W42M2A	MW-42	08/14/2000	GROUNDWATER	186.00	196.00	115.70	125.70
W42M3A	MW-42	08/14/2000	GROUNDWATER	166.00	176.00	95.67	105.67
W43M1A	MW-43	08/14/2000	GROUNDWATER	223.00	233.00	85.80	95.80
W43M2A	MW-43	08/15/2000	GROUNDWATER	200.00	210.00	62.99	72.99
W43SSA	MW-43	08/14/2000	GROUNDWATER	129.00	139.00	92.00	102.00

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8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W44M2A	MW-44	08/31/2000	GROUNDWATER	142.00	152.00	12.47	22.47
W45M1A	MW-45	08/31/2000	GROUNDWATER	190.00	200.00	95.61	105.61
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00
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	199.25	204.25
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	18.39	28.39
W47M1A	MW-47	08/11/2000	GROUNDWATER	169.00	179.00	69.16	79.16
W47M2A	MW-47	08/11/2000	GROUNDWATER	131.50	141.50	31.37	41.37
W47M3A	MW-47	08/11/2000	GROUNDWATER	115.00	120.00	15.00	20.00
W50DDA	MW-50	08/14/2000	GROUNDWATER	237.00	247.00	116.40	126.40
W50M1A	MW-50	08/14/2000	GROUNDWATER	207.00	217.00	86.27	96.27
W50M2A	MW-50	08/14/2000	GROUNDWATER	177.00	187.00	56.37	66.37
W50M3A	MW-50	08/14/2000	GROUNDWATER	147.00	157.00	26.40	36.40
W51DDA	MW-51	08/11/2000	GROUNDWATER	264.00	274.00	115.74	125.74
W51M1A	MW-51	08/11/2000	GROUNDWATER	234.00	244.00	85.80	95.80
W51M3A	MW-51	08/14/2000	GROUNDWATER	173.00	183.00	24.85	34.85
W52DDA	MW-52	08/17/2000	GROUNDWATER	369.00	379.00	213.68	223.68
W52M1A	MW-52	08/16/2000	GROUNDWATER	290.00	300.00	134.90	144.90
W52M2A	MW-52	08/16/2000	GROUNDWATER	225.00	235.00	69.95	79.95
W52M3A	MW-52	08/16/2000	GROUNDWATER	210.00	215.00	55.72	60.72
W52SSA	MW-52	08/16/2000	GROUNDWATER	150.00	160.00	0.00	10.00
W53DDA	MW-53	08/17/2000	GROUNDWATER	283.00	293.00	153.30	163.30
W53M1A	MW-53	08/16/2000	GROUNDWATER	224.00	234.00	96.36	106.36
W53M2A	MW-53	08/17/2000	GROUNDWATER	194.00	204.00	66.37	76.37
W53M3A	MW-53	08/16/2000	GROUNDWATER	164.00	174.00	36.48	46.48
W53SSA	MW-53	08/17/2000	GROUNDWATER	121.00	131.00	0.00	10.00
W54DDA	MW-54	08/15/2000	GROUNDWATER	278.00	288.00	124.30	134.30
W54DDA	MW-54	08/17/2000	GROUNDWATER	255.00	265.00	101.30	111.30
W54M1A	MW-54	08/15/2000	GROUNDWATER	230.00	240.00	76.70	86.70
W54M2A	MW-54	08/16/2000	GROUNDWATER	210.00	220.00	56.61	66.61
W54M3A	MW-54	08/16/2000	GROUNDWATER	180.00	190.00	26.56	36.56
W54SSA	MW-54	08/17/2000	GROUNDWATER	148.00	158.00	0.00	10.00
W55DDA	MW-55	08/15/2000	GROUNDWATER	255.00	265.00	116.58	126.58
W55M1A	MW-55	08/16/2000	GROUNDWATER	225.00	235.00	86.68	96.68
W55M2A	MW-55	08/15/2000	GROUNDWATER	195.00	205.00	56.74	66.74
W55M3A	MW-55	08/15/2000	GROUNDWATER	164.50	174.50	25.27	35.27
W57DDA	MW-57	08/30/2000	GROUNDWATER	213.00	223.00	124.62	134.62
W57M1A	MW-57	08/29/2000	GROUNDWATER	188.00	198.00	99.62	109.62
W57M2A	MW-57	08/29/2000	GROUNDWATER	148.00	158.00	59.68	69.68
W57M3A	MW-57	08/30/2000	GROUNDWATER	117.00	127.00	29.47	39.47
W57SSA	MW-57	08/30/2000	GROUNDWATER	85.00	95.00	0.00	10.00
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
W63M3A	MW-63	08/28/2000	GROUNDWATER	182.00	192.00	24.90	34.90
W63SSA	MW-63	08/28/2000	GROUNDWATER	153.00	163.00	0.00	10.00
W64M1A	MW-64	08/14/2000	GROUNDWATER	129.00	139.00	0.00	10.00
W64M2A	MW-64	08/15/2000	GROUNDWATER	100.00	105.00	5.98	10.98

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TABLE 2
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8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W65SSA	MW-65	08/31/2000	GROUNDWATER	116.00	126.00	0.00	10.00
W66SSA	MW-66	08/31/2000	GROUNDWATER	126.00	136.00	0.00	10.00
W67M1A	MW-67	08/30/2000	GROUNDWATER	243.00	253.00	82.61	92.61
W67SSA	MW-67	08/30/2000	GROUNDWATER	161.00	171.00	2.62	12.62
W68SSA	MW-68	08/30/2000	GROUNDWATER	84.00	94.00	0.00	10.00
W69SSA	MW-69	08/29/2000	GROUNDWATER	110.00	120.00	0.00	10.00
W70SSA	MW-70	08/29/2000	GROUNDWATER	132.00	142.00	1.59	11.59
W71M1A	MW-71	08/30/2000	GROUNDWATER	180.00	190.00	17.85	27.85
W71SSA	MW-71	08/29/2000	GROUNDWATER	158.00	168.00	0.00	10.00
W74M1A	MW-74	08/01/2000	GROUNDWATER	170.00	180.00	73.00	83.00
W74M2A	MW-74	08/01/2000	GROUNDWATER	125.00	135.00	28.06	38.06
W74M3A	MW-74	08/01/2000	GROUNDWATER	100.00	110.00	3.05	13.05
W75M1A	MW-75	08/01/2000	GROUNDWATER	140.00	150.00	56.30	66.30
W75M2A	MW-75	08/02/2000	GROUNDWATER	115.00	125.00	30.90	40.90
W75SSA	MW-75	08/01/2000	GROUNDWATER	81.00	91.00	0.00	10.00
W76M1A	MW-76	08/01/2000	GROUNDWATER	125.00	135.00	53.00	63.00
W76M2A	MW-76	08/02/2000	GROUNDWATER	105.00	115.00	34.82	44.82
W76SSA	MW-76	08/01/2000	GROUNDWATER	85.00	95.00	13.20	23.20
W77M1A	MW-77	08/01/2000	GROUNDWATER	180.00	190.00	94.39	104.39
W77M2A	MW-77	08/01/2000	GROUNDWATER	120.00	130.00	35.33	45.33
W77SSA	MW-77	08/01/2000	GROUNDWATER	83.00	93.00	0.00	10.00
W78M1A	MW-78	08/02/2000	GROUNDWATER	135.00	145.00	54.37	64.37
W78M2A	MW-78	08/03/2000	GROUNDWATER	114.00	124.00	33.60	43.60
W78M3A	MW-78	08/02/2000	GROUNDWATER	85.00	95.00	4.29	14.29
W79M1A	MW-79	08/01/2000	GROUNDWATER	156.00	166.00	64.25	74.25
W79M2A	MW-79	08/01/2000	GROUNDWATER	116.00	126.00	24.27	34.27
W79SSA	MW-79	08/01/2000	GROUNDWATER	89.00	99.00	0.00	10.00
W80DDA	MW-80	08/21/2000	GROUNDWATER	158.00	168.00	111.28	121.28
W80M1A	MW-80	08/18/2000	GROUNDWATER	130.00	140.00	83.26	93.26
W80M2A	MW-80	08/18/2000	GROUNDWATER	100.00	110.00	53.15	63.15
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	0.00	10.00
W81DDA	MW-81	08/17/2000	GROUNDWATER	184.00	194.00	156.12	166.12
W81M1A	MW-81	08/17/2000	GROUNDWATER	128.00	138.00	97.59	107.59
W81M1A	MW-81	08/18/2000	GROUNDWATER	128.00	138.00	97.56	107.56
W81M2A	MW-81	08/21/2000	GROUNDWATER	83.00	93.00	53.46	63.46
W81M3A	MW-81	08/18/2000	GROUNDWATER	53.00	58.00	22.86	27.86
W81SSA	MW-81	08/21/2000	GROUNDWATER	25.00	35.00	0.00	10.00
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
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	0.00	10.00
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	0.00	10.00

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
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TABLE 2
SAMPLING PROGRESS
8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W84DDA	MW-84	08/28/2000	GROUNDWATER	190.00	200.00	150.60	160.60
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
W84SSA	MW-84	08/28/2000	GROUNDWATER	54.00	64.00	14.12	24.12
DCM0815	GAC WATER	08/15/2000	IDW				
DW0801	GAC WATER	08/01/2000	IDW				
DW0809	GAC WATER	08/09/2000	IDW				
DW0815	GAC WATER	08/15/2000	IDW				
DW0831	GAC WATER	08/31/2000	IDW				
G112DAA	MW-112	08/01/2000	PROFILE	140.00	140.00	0.00	0.00
G112DBA	MW-112	08/01/2000	PROFILE	150.00	150.00	10.00	10.00
G112DCA	MW-112	08/01/2000	PROFILE	160.00	160.00	20.00	20.00
G112DDA	MW-112	08/02/2000	PROFILE	170.00	170.00	30.00	30.00
G112DDD	MW-112	08/02/2000	PROFILE	170.00	170.00	30.00	30.00
G112DEA	MW-112	08/02/2000	PROFILE	180.00	180.00	40.00	40.00
G112DFA	MW-112	08/02/2000	PROFILE	190.00	190.00	50.00	50.00
G112DGA	MW-112	08/02/2000	PROFILE	200.00	200.00	60.00	60.00
G112DHA	MW-112	08/02/2000	PROFILE	210.00	210.00	70.00	70.00
G112DIA	MW-112	08/03/2000	PROFILE	220.00	222.00	80.00	80.00
G112DJA	MW-112	08/03/2000	PROFILE	230.00	232.00	90.00	90.00
G112DKA	MW-112	08/03/2000	PROFILE	240.00	242.00	100.00	100.00
G113DAA	MW-113	08/01/2000	PROFILE	145.00	145.00	2.20	2.20
G113DBA	MW-113	08/01/2000	PROFILE	150.00	150.00	7.20	7.20
G113DDA	MW-113	08/03/2000	PROFILE	170.00	172.00	27.20	29.20
G113DEA	MW-113	08/04/2000	PROFILE	180.00	180.00	37.20	37.20
G113DFA	MW-113	08/04/2000	PROFILE	190.00	190.00	47.20	47.20
G113DGA	MW-113	08/07/2000	PROFILE	200.00	200.00	57.20	57.20
G113DHA	MW-113	08/07/2000	PROFILE	210.00	210.00	67.20	67.20
G113DIA	MW-113	08/07/2000	PROFILE	220.00	220.00	77.20	77.20
G113DJA	MW-113	08/07/2000	PROFILE	230.00	230.00	87.20	87.20
G113DKA	MW-113	08/07/2000	PROFILE	240.00	240.00	97.20	97.20
G113DLA	MW-113	08/07/2000	PROFILE	250.00	250.00	107.20	107.20
G114DAA	MW-114	08/11/2000	PROFILE	83.00	83.00	1.30	1.30
G114DBA	MW-114	08/11/2000	PROFILE	90.00	90.00	8.30	8.30
G114DCA	MW-114	08/11/2000	PROFILE	100.00	100.00	18.30	18.30
G114DCD	MW-114	08/11/2000	PROFILE	100.00	100.00	18.30	18.30
G114DDA	MW-114	08/14/2000	PROFILE	110.00	110.00	28.30	28.30
G114DEA	MW-114	08/14/2000	PROFILE	120.00	120.00	38.30	38.30
G114DFA	MW-114	08/14/2000	PROFILE	130.00	130.00	48.30	48.30
G114DGA	MW-114	08/14/2000	PROFILE	140.00	140.00	58.30	58.30
G114DHA	MW-114	08/14/2000	PROFILE	150.00	150.00	68.30	68.30
G114DIA	MW-114	08/14/2000	PROFILE	160.00	160.00	78.30	78.30
G114DJA	MW-114	08/14/2000	PROFILE	170.00	170.00	88.30	88.30
G114DKA	MW-114	08/14/2000	PROFILE	180.00	180.00	98.30	98.30
G114DLA	MW-114	08/14/2000	PROFILE	190.00	190.00	108.30	108.30
G114DMA	MW-114	08/14/2000	PROFILE	200.00	200.00	118.30	118.30
G114DMD	MW-114	08/14/2000	PROFILE	200.00	200.00	118.30	118.30
G114DNA	MW-114	08/14/2000	PROFILE	210.00	210.00	128.30	128.30

Profiling methods include: Volatiles and Explosives
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TABLE 2
SAMPLING PROGRESS
8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G114DOA	MW-114	08/14/2000	PROFILE	220.00	220.00	138.30	138.30
G115DAA	MW-115	08/16/2000	PROFILE	124.00	124.00	6.00	6.00
G115DBA	MW-115	08/16/2000	PROFILE	130.00	130.00	12.00	12.00
G115DCA	MW-115	08/16/2000	PROFILE	140.00	140.00	22.00	22.00
G115DCD	MW-115	08/16/2000	PROFILE	140.00	140.00	22.00	22.00
G115DDA	MW-115	08/16/2000	PROFILE	150.00	150.00	32.00	32.00
G115DEA	MW-115	08/17/2000	PROFILE	160.00	160.00	42.00	42.00
G115DFA	MW-115	08/17/2000	PROFILE	170.00	170.00	52.00	52.00
G115DGA	MW-115	08/17/2000	PROFILE	180.00	180.00	62.00	62.00
G115DHA	MW-115	08/17/2000	PROFILE	190.00	190.00	72.00	72.00
G115DIA	MW-115	08/17/2000	PROFILE	200.00	200.00	82.00	82.00
G115DJA	MW-115	08/18/2000	PROFILE	210.00	210.00	92.00	92.00
G115DKA	MW-115	08/18/2000	PROFILE	220.00	220.00	102.00	102.00
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
G118DFA	MW-118	08/28/2000	PROFILE	160.00	160.00	49.00	49.00
G118DGA	MW-118	08/28/2000	PROFILE	170.00	170.00	59.00	59.00
G118DHA	MW-118	08/30/2000	PROFILE	180.00	180.00	69.00	69.00
G118DIA	MW-118	08/30/2000	PROFILE	190.00	190.00	79.00	79.00
G118DJA	MW-118	08/30/2000	PROFILE	200.00	200.00	89.00	89.00
G118DKA	MW-118	08/30/2000	PROFILE	210.00	210.00	99.00	99.00
G118DLA	MW-118	08/30/2000	PROFILE	220.00	220.00	109.00	109.00
G118DMA	MW-118	08/30/2000	PROFILE	230.00	230.00	119.00	119.00
G118DNA	MW-118	08/30/2000	PROFILE	240.00	240.00	129.00	129.00
G118DOA	MW-118	08/30/2000	PROFILE	250.00	250.00	139.00	139.00
G118DPA	MW-118	08/31/2000	PROFILE	260.00	260.00	149.00	149.00
G118DQA	MW-118	08/31/2000	PROFILE	270.00	270.00	159.00	159.00
G118DRA	MW-118	08/31/2000	PROFILE	280.00	280.00	169.00	169.00
G120DAA	MW-120	08/30/2000	PROFILE	110.00	110.00	5.20	5.20
G120DBA	MW-120	08/30/2000	PROFILE	120.00	120.00	15.20	15.20
G120DCA	MW-120	08/30/2000	PROFILE	130.00	130.00	25.20	25.20
G120DDA	MW-120	08/30/2000	PROFILE	140.00	140.00	35.20	35.20
G120DEA	MW-120	08/30/2000	PROFILE	150.00	150.00	45.20	45.20
G120DFA	MW-120	08/30/2000	PROFILE	160.00	160.00	55.20	55.20
G120DGA	MW-120	08/31/2000	PROFILE	170.00	170.00	65.20	65.20
G120DHA	MW-120	08/31/2000	PROFILE	180.00	180.00	75.20	75.20
G120DIA	MW-120	08/31/2000	PROFILE	190.00	190.00	85.20	85.20
G120DJA	MW-120	08/31/2000	PROFILE	200.00	200.00	95.20	95.20
G120DKA	MW-120	08/31/2000	PROFILE	210.00	210.00	105.20	105.20
S112DNA	MW-112	08/01/2000	SOIL BORING	120.00	122.00		
S112DOA	MW-112	08/01/2000	SOIL BORING	130.00	132.00		
S112DPA	MW-112	08/01/2000	SOIL BORING	140.00	142.00		
S114DCA	MW-114	08/10/2000	SOIL BORING	10.00	12.00		
S114DDA	MW-114	08/10/2000	SOIL BORING	20.00	22.00		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
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TABLE 2
SAMPLING PROGRESS
8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
S114DEA	MW-114	08/10/2000	SOIL BORING	30.00	32.00		
S114DFA	MW-114	08/10/2000	SOIL BORING	40.00	42.00		
S114DGA	MW-114	08/10/2000	SOIL BORING	50.00	52.00		
S114DHA	MW-114	08/10/2000	SOIL BORING	60.00	62.00		
S114DHD	MW-114	08/10/2000	SOIL BORING	60.00	62.00		
S115DCA	MW-115	08/14/2000	SOIL BORING	10.00	12.00		
S115DDA	MW-115	08/14/2000	SOIL BORING	20.00	22.00		
S115DEA	MW-115	08/15/2000	SOIL BORING	30.00	32.00		
S115DED	MW-115	08/15/2000	SOIL BORING	30.00	32.00		
S115DFA	MW-115	08/15/2000	SOIL BORING	40.00	42.00		
S115DGA	MW-115	08/15/2000	SOIL BORING	50.00	52.00		
S115DHA	MW-115	08/15/2000	SOIL BORING	60.00	62.00		
S115DIA	MW-115	08/15/2000	SOIL BORING	70.00	72.00		
S115DJA	MW-115	08/15/2000	SOIL BORING	80.00	82.00		
S115DKA	MW-115	08/15/2000	SOIL BORING	90.00	92.00		
S115DLA	MW-115	08/15/2000	SOIL BORING	100.00	102.00		
S115DMA	MW-115	08/16/2000	SOIL BORING	110.00	112.00		
S115DNA	MW-115	08/16/2000	SOIL BORING	120.00	122.00		
S116DAA	MW-116	08/14/2000	SOIL BORING	0.00	0.50		
S116DAA	MW-116	08/15/2000	SOIL BORING	0.00	0.50		
S116DBA	MW-116	08/14/2000	SOIL BORING	1.50	2.00		
S116DBA	MW-116	08/15/2000	SOIL BORING	1.50	2.00		
S116DCA	MW-116	08/14/2000	SOIL BORING	10.00	12.00		
S116DCA	MW-116	08/15/2000	SOIL BORING	10.00	12.00		
S116DDA	MW-116	08/15/2000	SOIL BORING	20.00	22.00		
S116DDD	MW-116	08/15/2000	SOIL BORING	20.00	22.00		
S116DEA	MW-116	08/16/2000	SOIL BORING	30.00	32.00		
S116DFA	MW-116	08/16/2000	SOIL BORING	40.00	42.00		
S116DGA	MW-116	08/16/2000	SOIL BORING	50.00	52.00		
S116DHA	MW-116	08/16/2000	SOIL BORING	60.00	62.00		
S116DIA	MW-116	08/16/2000	SOIL BORING	70.00	72.00		
S116DJA	MW-116	08/16/2000	SOIL BORING	80.00	82.00		
S116DKA	MW-116	08/16/2000	SOIL BORING	90.00	92.00		
S116DLA	MW-116	08/16/2000	SOIL BORING	100.00	102.00		
S117DCA	MW-117	08/18/2000	SOIL BORING	10.00	12.00		
S117DDA	MW-117	08/18/2000	SOIL BORING	20.00	22.00		
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		

Profiling methods include: Volatiles and Explosives
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TABLE 2
SAMPLING PROGRESS
8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
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		
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		
S120DJA	MW-120	08/28/2000	SOIL BORING	80.00	82.00		
S120DKA	MW-120	08/28/2000	SOIL BORING	90.00	92.00		
S120DLA	MW-120	08/29/2000	SOIL BORING	100.00	102.00		
S121DCA	MW-121	08/30/2000	SOIL BORING	10.00	12.00		
S121DCD	MW-121	08/30/2000	SOIL BORING	10.00	12.00		
S121DDA	MW-121	08/30/2000	SOIL BORING	20.00	22.00		
S121DEA	MW-121	08/30/2000	SOIL BORING	30.00	32.00		
S121DFA	MW-121	08/30/2000	SOIL BORING	40.00	42.00		
S121DGA	MW-121	08/30/2000	SOIL BORING	50.00	52.00		
S121DHA	MW-121	08/30/2000	SOIL BORING	60.00	62.00		
S121DIA	MW-121	08/30/2000	SOIL BORING	70.00	72.00		
S121DJA	MW-121	08/31/2000	SOIL BORING	80.00	82.00		
S121DKA	MW-121	08/31/2000	SOIL BORING	90.00	92.00		
0.A.1.00016.1.0	0.A.1.00016.1.0	08/18/2000	SOIL GRID				
0.A.1.00016.6.0	0.A.1.00016.6.0	08/28/2000	CRATER GRAB				
0.A.1.00032.1.0	0.A.1.00032.1.0	08/18/2000	SOIL GRID				
0.A.1.00032.5.S	0.A.1.00032.5.S	08/21/2000	SOIL GRID				
0.A.1.00032.6.0	0.A.1.00032.6.0	08/28/2000	CRATER GRAB				
0.A.1.00072.1.0	0.A.1.00072.1.0	08/18/2000	SOIL GRID				
0.A.1.00072.6.0	0.A.1.00072.6.0	08/28/2000	CRATER GRAB				
0.A.1.00085.1.0	0.A.1.00085.1.0	08/18/2000	SOIL GRID				
0.A.1.00085.5.S	0.A.1.00085.5.S	08/21/2000	SOIL GRID				
0.A.1.00085.6.0	0.A.1.00085.6.0	08/28/2000	CRATER GRAB				
0.A.1.00089.1.0	0.A.1.00089.1.0	08/18/2000	SOIL GRID				
0.A.1.00089.6.0	0.A.1.00089.6.0	08/28/2000	CRATER GRAB				
0.A.1.00259.1.0	0.A.1.00259.1.0	08/18/2000	SOIL GRID				

Profiling methods include: Volatiles and Explosives
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TABLE 2
SAMPLING PROGRESS
8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
0.A.1.00259.5.S	0.A.1.00259.5.S	08/21/2000	SOIL GRID				
0.A.1.00263.1.0	0.A.1.00263.1.0	08/18/2000	SOIL GRID				
0.A.1.00263.6.0	0.A.1.00263.6.0	08/28/2000	CRATER GRAB				
0.A.1.00338.1.0	0.A.1.00338.1.0	08/18/2000	SOIL GRID				
0.A.1.00338.1.D	0.A.1.00338.1.0	08/18/2000	SOIL GRID				
0.A.1.00338.5.S	0.A.1.00338.5.S	08/21/2000	SOIL GRID				
0.A.1.00338.6.0	0.A.1.00338.6.0	08/28/2000	CRATER GRAB				
0.A.2.00001.1.0	0.A.2.00001.1.0	08/18/2000	SOIL GRID				
0.A.2.00001.5.S	0.A.2.00001.5.S	08/21/2000	SOIL GRID				
0.A.2.00001.6.0	0.A.2.00001.6.0	08/28/2000	CRATER GRAB				
0.A.2.00002.1.0	0.A.2.00002.1.0	08/18/2000	SOIL GRID				
0.A.2.00002.6.0	0.A.2.00002.6.0	08/28/2000	CRATER GRAB				
0.A.2.00197.1.0	0.A.2.00197.1.0	08/18/2000	SOIL GRID				
0.A.2.00197.10.	0.A.2.00197.10.	08/28/2000	CRATER GRAB				
0.A.2.00197.6.0	0.A.2.00197.6.0	08/28/2000	CRATER GRAB				
0.A.2.00197.6.D	0.A.2.00197.6.D	08/28/2000	CRATER GRAB				
0.A.2.00197.7.S	0.A.2.00197.7.S	08/28/2000	CRATER GRAB				
0.A.2.00197.8.S	0.A.2.00197.8.S	08/28/2000	CRATER GRAB				
0.A.2.00197.9.S	0.A.2.00197.9.S	08/28/2000	CRATER GRAB				
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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SAMPLING PROGRESS
8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
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.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				
0.C.1.00314.3.0	0.C.1.00314.3.0	08/23/2000	SOIL GRID				
0.E.0.00001.1.0	0.E.0.00001.1.0	08/18/2000	SOIL GRID				
0.E.0.00001.2.0	0.E.0.00001.2.0	08/16/2000	SOIL GRID				
0.E.0.00001.3.0	0.E.0.00001.3.0	08/16/2000	SOIL GRID				
0.E.0.00001.4.0	0.E.0.00001.4.0	08/16/2000	SOIL GRID				
0.E.0.00001.5.0	0.E.0.00001.5.0	08/16/2000	SOIL GRID				
0.E.0.00001.6.0	0.E.0.00001.6.0	08/16/2000	SOIL GRID				
0.E.0.00001.7.0	0.E.0.00001.7.0	08/16/2000	SOIL GRID				
0.E.0.00001.8.0	0.E.0.00001.8.0	08/16/2000	SOIL GRID				
0.E.0.00001.9.0	0.E.0.00001.9.0	08/16/2000	SOIL GRID				
7.F.0.00001.0.0	7.F.0.00001.0.0	08/16/2000	SOIL GRID				
7.F.0.00002.0.0	7.F.0.00002.0.0	08/16/2000	SOIL GRID				
7.F.0.00003.0.0	7.F.0.00003.0.0	08/16/2000	SOIL GRID				
7.F.0.00004.0.0	7.F.0.00004.0.0	08/16/2000	SOIL GRID				
7.F.0.00005.0.0	7.F.0.00005.0.0	08/16/2000	SOIL GRID				
7.F.0.00006.0.0	7.F.0.00006.0.0	08/16/2000	SOIL GRID				
7.F.0.00007.0.0	7.F.0.00007.0.0	08/16/2000	SOIL GRID				
7.F.0.00008.0.0	7.F.0.00008.0.0	08/16/2000	SOIL GRID				
7.F.0.00009.0.0	7.F.0.00009.0.0	08/16/2000	SOIL GRID				
7.F.0.00009.0.S	7.F.0.00009.0.	08/16/2000	SOIL GRID				
7.F.0.00010.0.0	7.F.0.00010.0.0	08/16/2000	SOIL GRID				
7.F.0.00010.0.D	7.F.0.00010.0.	08/16/2000	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				

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TABLE 2
SAMPLING PROGRESS
8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
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				
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				
HC101AA1AAA	101AA	08/17/2000	SOIL GRID	0.00	0.50		
HC101AA1BAA	101AA	08/17/2000	SOIL GRID	1.50	2.00		
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		
HC101DA1AAA	101DA	08/09/2000	SOIL GRID	0.00	0.25		
HC101DA1BAA	101DA	08/09/2000	SOIL GRID	0.25	0.50		
HC101DA1CAA	101DA	08/09/2000	SOIL GRID	0.50	1.00		
HC101DB1AAA	101DB	08/09/2000	SOIL GRID	0.00	0.25		
HC101DB1BAA	101DB	08/09/2000	SOIL GRID	0.25	0.50		
HC101DB1CAA	101DB	08/09/2000	SOIL GRID	0.50	1.00		

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TABLE 2
SAMPLING PROGRESS
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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC101DC1AAA	101DC	08/10/2000	SOIL GRID	0.00	0.25		
HC101DC1BAA	101DC	08/10/2000	SOIL GRID	0.25	0.50		
HC101DC1CAA	101DC	08/10/2000	SOIL GRID	0.50	1.00		
HC101DC1CAD	101DC	08/10/2000	SOIL GRID	0.50	1.00		
HC101EA1AAA	101EA	08/10/2000	SOIL GRID	0.00	0.25		
HC101EA1BAA	101EA	08/10/2000	SOIL GRID	0.25	0.50		
HC101EA1CAA	101EA	08/10/2000	SOIL GRID	0.50	1.00		
HC101EA1CAD	101EA	08/10/2000	SOIL GRID	0.50	1.00		
HC101FA1AAA	101FA	08/11/2000	SOIL GRID	0.00	0.25		
HC101FA1BAA	101FA	08/11/2000	SOIL GRID	0.25	0.50		
HC101FA1CAA	101FA	08/11/2000	SOIL GRID	0.50	1.00		
HC101GA1AAA	101GA	08/14/2000	SOIL GRID	0.00	0.25		
HC101GA1BAA	101GA	08/14/2000	SOIL GRID	0.25	0.50		
HC101GA1CAA	101GA	08/14/2000	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		
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		
HC101NA1AAA	101NA	08/15/2000	SOIL GRID	0.00	0.25		
HC101NA1BAA	101NA	08/15/2000	SOIL GRID	0.25	0.50		
HC101NA1CAA	101NA	08/17/2000	SOIL GRID	0.50	1.00		
HC101NB1AAA	101NB	08/17/2000	SOIL GRID	0.00	0.25		
HC101NB1BAA	101NB	08/17/2000	SOIL GRID	0.25	0.50		
HC101NB1CAA	101NB	08/17/2000	SOIL GRID	0.50	1.00		
HC101NC1AAA	101NC	08/17/2000	SOIL GRID	0.00	0.25		
HC101NC1BAA	101NC	08/17/2000	SOIL GRID	0.25	0.50		
HC101NC1CAA	101NC	08/17/2000	SOIL GRID	0.50	1.00		
HC101NC1CAD	101NC	08/17/2000	SOIL GRID	0.50	1.00		
HC101OA1AAA	101OA	08/11/2000	SOIL 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

TABLE 2
SAMPLING PROGRESS
8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC101OA1AAA	101OA	08/18/2000	SOIL GRID	0.00	0.25		
HC101OA1BAA	101OA	08/18/2000	SOIL GRID	0.25	0.50		
HC101OA1CAA	101OA	08/18/2000	SOIL GRID	0.50	1.00		
HC101OB1AAA	101OB	08/18/2000	SOIL GRID	0.00	0.25		
HC101OB1BAA	101OB	08/18/2000	SOIL GRID	0.25	0.50		
HC101OB1CAA	101OB	08/18/2000	SOIL GRID	0.50	1.00		
HC101OC1AAA	101OC	08/18/2000	SOIL GRID	0.00	0.25		
HC101OC1BAA	101OC	08/18/2000	SOIL GRID	0.25	0.50		
HC101OC1CAA	101OC	08/18/2000	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		
HC103AA1AAA	103AA	08/03/2000	SOIL GRID	0.00	0.25		
HC103AA1AAD	103AA	08/03/2000	SOIL GRID	0.00	0.25		
HC103AA1BAA	103AA	08/03/2000	SOIL GRID	0.25	0.50		
HC103AA1CAA	103AA	08/03/2000	SOIL GRID	0.50	1.00		
HC103AB1AAA	103AB	08/03/2000	SOIL GRID	0.00	0.25		
HC103AB1BAA	103AB	08/03/2000	SOIL GRID	0.25	0.50		
HC103AB1CAA	103AB	08/03/2000	SOIL GRID	0.00	0.50		
HC103AC1AAA	103AC	08/03/2000	SOIL GRID	0.00	0.25		
HC103AC1BAA	103AC	08/03/2000	SOIL GRID	0.25	0.50		
HC103AC1CAA	103AC	08/03/2000	SOIL GRID	0.50	1.00		
HC103AD1AAA	103AD	08/03/2000	SOIL GRID	0.00	0.25		
HC103AD1BAA	103AD	08/03/2000	SOIL GRID	0.25	0.50		
HC103AD1CAA	103AD	08/03/2000	SOIL GRID	0.50	1.00		
HC104A1AAA	104A	08/01/2000	SOIL GRID	0.00	0.25		
HC104A1AAD	104A	08/01/2000	SOIL GRID	0.00	0.25		
HC104A1BAA	104A	08/01/2000	SOIL GRID	0.25	0.50		
HC104A1CAA	104A	08/02/2000	SOIL GRID	0.50	1.00		
HC104B1AAA	104B	08/02/2000	SOIL GRID	0.00	0.25		
HC104B1BAA	104B	08/02/2000	SOIL GRID	0.25	0.50		
HC104B1CAA	104B	08/02/2000	SOIL GRID	0.50	1.00		
HC105A1AAA	105A	08/16/2000	SOIL GRID	0.00	0.25		
HC105A1BAA	105A	08/16/2000	SOIL GRID	0.25	0.50		
HC105A1CAA	105A	08/16/2000	SOIL GRID	0.50	1.00		
HC105B1AAA	105B	08/16/2000	SOIL GRID	0.00	0.25		
HC105B1BAA	105B	08/16/2000	SOIL GRID	0.25	0.50		
HC105B1CAA	105B	08/16/2000	SOIL GRID	0.50	1.00		
HD05S1AAA	05S	08/10/2000	SOIL GRID	0.00	0.25		
HD101DB2BAA	101DB	08/09/2000	SOIL GRID	0.25	0.50		
HD101DB3BAA	101DB	08/09/2000	SOIL GRID	0.25	0.50		
HD101DB4BAA	101DB	08/09/2000	SOIL GRID	0.25	0.50		
HD101DB5BAA	101DB	08/09/2000	SOIL GRID	0.25	0.50		
HD101DB7BAA	101DB	08/09/2000	SOIL GRID	0.25	0.50		
HD101DB8BAA	101DB	08/09/2000	SOIL GRID	0.25	0.50		
HD101FA1AAA	101DB	08/11/2000	SOIL 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

TABLE 2
SAMPLING PROGRESS
8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD101FA1BAA	101FA	08/11/2000	SOIL GRID	0.25	0.50		
HD101FA1CAA	101FA	08/11/2000	SOIL GRID	0.50	1.00		
HD101FA2AAA	101FA	08/11/2000	SOIL GRID	0.00	0.25		
HD101FA2BAA	101FA	08/11/2000	SOIL GRID	0.25	0.50		
HD101FA2CAA	101FA	08/11/2000	SOIL GRID	0.50	1.00		
HD101FA3AAA	101FA	08/11/2000	SOIL GRID	0.00	0.25		
HD101FA3BAA	101FA	08/11/2000	SOIL GRID	0.25	0.50		
HD101FA3CAA	101FA	08/11/2000	SOIL GRID	0.50	1.00		
HD101FA4AAA	101FA	08/11/2000	SOIL GRID	0.00	0.25		
HD101FA4BAA	101FA	08/11/2000	SOIL GRID	0.25	0.50		
HD101FA4CAA	101FA	08/11/2000	SOIL GRID	0.50	1.00		
HD101FA5AAA	101FA	08/11/2000	SOIL GRID	0.00	0.25		
HD101FA5BAA	101FA	08/11/2000	SOIL GRID	0.25	0.50		
HD101FA5CAA	101FA	08/11/2000	SOIL GRID	0.50	1.00		
HD101OC2BAA	101OC	08/18/2000	SOIL GRID	0.25	0.50		
HD101OC5BAA	101OC	08/18/2000	SOIL GRID	0.25	0.50		
HD104A1AAA	104A	08/01/2000	SOIL GRID	0.00	0.25		
HD104A1BAA	104A	08/01/2000	SOIL GRID	0.25	0.50		
HD104A1CAA	104A	08/02/2000	SOIL GRID	0.50	1.00		
HD104A3AAA	104A	08/01/2000	SOIL GRID	0.00	0.25		
HD104A3BAA	104A	08/01/2000	SOIL GRID	0.25	0.50		
HD104A3CAA	104A	08/02/2000	SOIL GRID	0.50	1.00		
HD104A5AAA	104A	08/01/2000	SOIL GRID	0.00	0.25		
HD104A5BAA	104A	08/01/2000	SOIL GRID	0.25	0.50		
HD104A5CAA	104A	08/02/2000	SOIL GRID	0.50	1.00		
HD104A7AAA	104A	08/01/2000	SOIL GRID	0.00	0.25		
HD104A7BAA	104A	08/01/2000	SOIL GRID	0.25	0.50		
HD104A7CAA	104A	08/02/2000	SOIL GRID	0.50	1.00		
HD104B1AAA	104B	08/02/2000	SOIL GRID	0.00	0.25		
HD104B1AAD	104B	08/02/2000	SOIL GRID	0.00	0.25		
HD104B1BAA	104B	08/02/2000	SOIL GRID	0.25	0.50		
HD104B1CAA	104B	08/02/2000	SOIL GRID	0.50	1.00		
HD104B3AAA	104B	08/02/2000	SOIL GRID	0.00	0.25		
HD104B3BAA	104B	08/02/2000	SOIL GRID	0.25	0.50		
HD104B3CAA	104B	08/02/2000	SOIL GRID	0.50	1.00		
HD104B5AAA	104B	08/02/2000	SOIL GRID	0.00	0.25		
HD104B5BAA	104B	08/02/2000	SOIL GRID	0.25	0.50		
HD104B5CAA	104B	08/02/2000	SOIL GRID	0.50	1.00		
HD104B7AAA	104B	08/02/2000	SOIL GRID	0.00	0.25		
HD104B7BAA	104B	08/02/2000	SOIL GRID	0.25	0.50		
HD104B7CAA	104B	08/02/2000	SOIL GRID	0.50	1.00		
HD105A1AAA	105A	08/16/2000	SOIL GRID	0.00	0.25		
HD105A1BAA	105A	08/16/2000	SOIL GRID	0.25	0.50		
HD105A1CAA	105A	08/16/2000	SOIL GRID	0.50	1.00		
HD105A3AAA	105A	08/16/2000	SOIL GRID	0.00	0.25		
HD105A3BAA	105A	08/16/2000	SOIL GRID	0.25	0.50		
HD105A3CAA	105A	08/16/2000	SOIL GRID	0.50	1.00		
HD105A5AAA	105A	08/16/2000	SOIL GRID	0.00	0.25		
HD105A5BAA	105A	08/16/2000	SOIL GRID	0.25	0.50		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
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TABLE 2
SAMPLING PROGRESS
8/1/2000-8/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD105A5CAA	105A	08/16/2000	SOIL GRID	0.50	1.00		
HD105A7AAA	105A	08/16/2000	SOIL GRID	0.00	0.25		
HD105A7BAA	105A	08/16/2000	SOIL GRID	0.25	0.50		
HD105A7CAA	105A	08/16/2000	SOIL GRID	0.50	1.00		
HD105B1AAA	105B	08/16/2000	SOIL GRID	0.00	0.25		
HD105B1BAA	105B	08/16/2000	SOIL GRID	0.25	0.50		
HD105B1CAA	105B	08/16/2000	SOIL GRID	0.50	1.00		
HD105B3AAA	105B	08/16/2000	SOIL GRID	0.00	0.25		
HD105B3BAA	105B	08/16/2000	SOIL GRID	0.25	0.50		
HD105B3CAA	105B	08/16/2000	SOIL GRID	0.50	1.00		
HD105B5AAA	105B	08/16/2000	SOIL GRID	0.00	0.25		
HD105B5BAA	105B	08/16/2000	SOIL GRID	0.25	0.50		
HD105B5CAA	105B	08/16/2000	SOIL GRID	0.50	1.00		
HD105B7AAA	105B	08/16/2000	SOIL GRID	0.00	0.25		
HD105B7BAA	105B	08/16/2000	SOIL GRID	0.25	0.50		
HD105B7CAA	105B	08/16/2000	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
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TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2000

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
ECMWSNP02	ECMWSNP02D	9/13/1999	504	1,2-DIBROMOETHANE (ETHY	110.00		NG/L	79.90	84.90	50.00	X
MW-19	W19SSA	3/5/1998	8330N	2,4,6-TRINITROTOLUENE	10.00	J	UG/L	0.00	10.00	2.00	X
MW-19	W19S2A	7/20/1998	8330N	2,4,6-TRINITROTOLUENE	16.00		UG/L	0.00	10.00	2.00	X
MW-19	W19S2D	7/20/1998	8330N	2,4,6-TRINITROTOLUENE	16.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	2/12/1999	8330N	2,4,6-TRINITROTOLUENE	7.20	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	9/10/1999	8330N	2,4,6-TRINITROTOLUENE	2.60	J	UG/L	0.00	10.00	2.00	X
58MW0002	WC2XXA	2/26/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	19.00		UG/L	0.00	0.00	2.00	X
58MW0002	WC2XXA	1/14/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	20.00		UG/L	0.00	0.00	2.00	X
58MW0002	WC2XXA	10/8/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	8.80		UG/L	0.00	0.00	2.00	X
58MW0009E	WC9EXA	10/2/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	7.70		UG/L	21.00	26.00	2.00	X
58MW0009E	WC9EXA	1/26/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	17.00		UG/L	21.00	26.00	2.00	X
58MW0009E	WC9EXA	9/28/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	18.00		UG/L	21.00	26.00	2.00	X
58MW0009E	WC9EXD	9/28/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	18.00		UG/L	21.00	26.00	2.00	X
90MW0022	WF22XA	1/26/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.80		UG/L	80.00	85.00	2.00	X
90MW0022	WF22XA	2/16/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.40		UG/L	80.00	85.00	2.00	X
90MW0022	WF22XA	9/30/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.20		UG/L	80.00	85.00	2.00	X
90WT0013	WF13XA	1/16/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.20	J	UG/L	2.00	12.00	2.00	X
MW-1	W01SSA	9/30/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	0.00	10.00	2.00	X
MW-1	W01SSD	9/30/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.40		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	2/22/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.80		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	9/7/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	0.00	10.00	2.00	X
MW-1	W01MMA	9/29/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.60		UG/L	40.00	45.00	2.00	X
MW-1	W01M2A	3/1/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.20		UG/L	40.00	45.00	2.00	X
MW-1	W01M2A	5/10/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.90		UG/L	40.00	45.00	2.00	X
MW-19	W19SSA	3/5/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	190.00		UG/L	0.00	10.00	2.00	X
MW-19	W19S2A	7/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	260.00		UG/L	0.00	10.00	2.00	X
MW-19	W19S2D	7/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	260.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	2/12/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	250.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	9/10/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	240.00		UG/L	0.00	10.00	2.00	X
MW-2	W02M2A	1/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	13.00		UG/L	31.00	36.00	2.00	X
MW-2	W02M2A	2/3/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.80		UG/L	31.00	36.00	2.00	X
MW-2	W02M2A	9/3/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.80		UG/L	31.00	36.00	2.00	X
MW-23	W23M1A	11/7/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.30	J	UG/L	99.00	109.00	2.00	X
MW-23	W23M1A	3/18/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.40		UG/L	99.00	109.00	2.00	X
MW-23	W23M1D	3/18/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.70		UG/L	99.00	109.00	2.00	X

BWTS = DEPTH BELOW WATER TABLE, START DEPTH, MEASURED IN FEET
BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET
MCL/HA = EITHER THE MCL OR LOWEST HEALTH ADVISORY CONCENTRATION (CHILD, ADULT OR LIFETIME)
>MCL/HA = EQUALS OR EXCEEDS EITHER THE MCL OR LOWEST HEALTH ADVISORY CONCENTRATION (CHILD, ADULT, OR LIFETIME)

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2000

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-23	W23M1A	9/13/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.10		UG/L	99.00	109.00	2.00	X
MW-25	W25SSA	10/16/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.00		UG/L	0.00	10.00	2.00	X
MW-25	W25SSA	3/17/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.10		UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	7/15/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	64.00		UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	2/1/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	210.00		UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	9/15/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	50.00		UG/L	0.00	10.00	2.00	X
MW-31	W31MMA	7/15/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	280.00		UG/L	29.00	39.00	2.00	X
MW-31	W31MMA	2/2/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	370.00		UG/L	29.00	39.00	2.00	X
MW-31	W31MMA	9/15/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	29.00		UG/L	29.00	39.00	2.00	X
MW-34	W34M2A	2/19/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.20		UG/L	55.00	65.00	2.00	X
MW-37	W37M2A	9/29/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.90		UG/L	28.00	38.00	2.00	X
MW-37	W37M2A	12/29/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.60		UG/L	28.00	38.00	2.00	X
MW-38	W38M3A	5/6/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	53.00	63.00	2.00	X
MW-38	W38M3A	8/18/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.60		UG/L	53.00	63.00	2.00	X
MW-38	W38M3A	11/10/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.00		UG/L	53.00	63.00	2.00	X
MW-40	W40M1A	9/21/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.80		UG/L	15.50	25.50	2.00	X
MW-40	W40M1D	9/21/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.60		UG/L	15.50	25.50	2.00	X
MW-40	W40M1A	12/30/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.00	J	UG/L	15.50	25.50	2.00	X
MW-58	W58SSA	11/23/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.70	J	UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	2/15/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	7/9/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	50.00	J	UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	9/16/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	63.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	11/2/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	57.00		UG/L	0.00	10.00	2.00	X
MW-76	W76SSA	1/20/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	11.00		UG/L	0.00	10.00	2.00	X
MW-76	W76M2A	1/24/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	31.00		UG/L	35.00	45.00	2.00	X
MW-76	W76M2D	1/24/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	29.00		UG/L	35.00	45.00	2.00	X
MW-77	W77M2A	1/25/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	150.00		UG/L	35.00	45.00	2.00	X
MW-90	W90SSA	5/19/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.40	J	UG/L	0.00	10.00	2.00	X
MW-91	W91SSA	5/19/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	12.00		UG/L	0.00	10.00	2.00	X
ASPWELL	ASPWELL	7/20/1999	E200.8	LEAD	53.00		UG/L	0.00	0.00	15.00	X
MW-1	W01SSA	9/7/1999	IM40MB	ANTIMONY	6.70	J	UG/L	0.00	10.00	6.00	X
MW-3	W03DDL	3/6/1998	IM40MB	ANTIMONY	13.80	J	UG/L	218.00	223.00	6.00	X
MW-34	W34M2A	8/16/1999	IM40MB	ANTIMONY	6.60	J	UG/L	55.00	65.00	6.00	X
MW-35	W35SSA	8/19/1999	IM40MB	ANTIMONY	6.90	J	UG/L	0.00	10.00	6.00	X
MW-35	W35SSD	8/19/1999	IM40MB	ANTIMONY	13.80	J	UG/L	0.00	10.00	6.00	X

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1997 THROUGH AUGUST 2000

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-36	W36SSA	8/17/1999	IM40MB	ANTIMONY	6.70	J	UG/L	0.00	10.00	6.00	X
MW-38	W38SSA	8/18/1999	IM40MB	ANTIMONY	7.40		UG/L	0.00	10.00	6.00	X
MW-38	W38M3A	8/18/1999	IM40MB	ANTIMONY	6.60	J	UG/L	53.00	63.00	6.00	X
MW-38	W38DDA	8/17/1999	IM40MB	ANTIMONY	6.90	J	UG/L	125.00	135.00	6.00	X
MW-39	W39M1A	8/18/1999	IM40MB	ANTIMONY	7.50		UG/L	87.00	97.00	6.00	X
PPAWSMW-3	PPAWSMW-3	8/12/1999	IM40MB	ANTIMONY	6.00	J	UG/L	0.00	10.00	6.00	X
MW-7	W07M1A	9/7/1999	IM40MB	ARSENIC	52.80		UG/L	67.00	72.00	50.00	X
MW-52	W52M3L	8/27/1999	IM40MB	CADMIUM	12.20		UG/L	26.00	36.00	5.00	X
MW-7	W07M1A	9/7/1999	IM40MB	CHROMIUM, TOTAL	114.00		UG/L	67.00	72.00	100.00	X
MW-2	W02SSA	2/23/1998	IM40MB	LEAD	20.10		UG/L	0.00	10.00	15.00	X
MW-7	W07M1A	9/7/1999	IM40MB	LEAD	40.20		UG/L	67.00	72.00	15.00	X
MW-7	W07M1D	9/7/1999	IM40MB	LEAD	18.30		UG/L	67.00	72.00	15.00	X
MW-13	W13SSA	1/27/1998	IM40MB	MOLYBDENUM	11.20		UG/L	0.00	10.00	10.00	X
MW-13	W13SSL	1/27/1998	IM40MB	MOLYBDENUM	10.40	J	UG/L	0.00	10.00	10.00	X
MW-13	W13DDA	1/26/1998	IM40MB	MOLYBDENUM	26.60		UG/L	140.00	145.00	10.00	X
MW-13	W13DDL	1/26/1998	IM40MB	MOLYBDENUM	30.40		UG/L	140.00	145.00	10.00	X
MW-13	W13DDA	3/11/1999	IM40MB	MOLYBDENUM	11.00		UG/L	140.00	145.00	10.00	X
MW-13	W13DDD	3/11/1999	IM40MB	MOLYBDENUM	12.10	J	UG/L	140.00	145.00	10.00	X
MW-13	W13DDA	9/9/1999	IM40MB	MOLYBDENUM	17.30		UG/L	140.00	145.00	10.00	X
MW-16	W16SSA	3/10/1999	IM40MB	MOLYBDENUM	21.00	J	UG/L	0.00	10.00	10.00	X
MW-16	W16DDA	3/9/1999	IM40MB	MOLYBDENUM	22.20		UG/L	108.00	113.00	10.00	X
MW-16	W16DDD	3/9/1999	IM40MB	MOLYBDENUM	23.20		UG/L	108.00	113.00	10.00	X
MW-16	W16DDA	9/9/1999	IM40MB	MOLYBDENUM	18.00	J	UG/L	108.00	113.00	10.00	X
MW-17	W17M1L	5/18/1999	IM40MB	MOLYBDENUM	12.60		UG/L	97.00	107.00	10.00	X
MW-2	W02SSA	2/23/1998	IM40MB	MOLYBDENUM	72.10		UG/L	0.00	10.00	10.00	X
MW-2	W02SSL	2/23/1998	IM40MB	MOLYBDENUM	63.30		UG/L	0.00	10.00	10.00	X
MW-2	W02SSA	2/1/1999	IM40MB	MOLYBDENUM	26.10	J	UG/L	0.00	10.00	10.00	X
MW-2	W02SSL	2/1/1999	IM40MB	MOLYBDENUM	34.00		UG/L	0.00	10.00	10.00	X
MW-2	W02SSA	9/2/1999	IM40MB	MOLYBDENUM	29.00		UG/L	0.00	10.00	10.00	X
MW-2	W02SSL	9/2/1999	IM40MB	MOLYBDENUM	27.10		UG/L	0.00	10.00	10.00	X
MW-2	W02DDA	2/2/1999	IM40MB	MOLYBDENUM	25.60		UG/L	287.00	295.00	10.00	X
MW-2	W02DDL	2/2/1999	IM40MB	MOLYBDENUM	26.30	J	UG/L	287.00	295.00	10.00	X
MW-2	W02DDA	9/3/1999	IM40MB	MOLYBDENUM	12.80		UG/L	287.00	295.00	10.00	X
MW-46	W46M2A	3/30/1999	IM40MB	MOLYBDENUM	48.90		UG/L	55.00	65.00	10.00	X
MW-46	W46M2L	3/30/1999	IM40MB	MOLYBDENUM	51.00		UG/L	55.00	65.00	10.00	X

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1997 THROUGH AUGUST 2000

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-46	W46M2A	8/24/1999	IM40MB	MOLYBDENUM	17.40		UG/L	55.00	65.00	10.00	X
MW-46	W46M1A	3/29/1999	IM40MB	MOLYBDENUM	32.80		UG/L	102.00	112.00	10.00	X
MW-46	W46DDA	4/1/1999	IM40MB	MOLYBDENUM	17.20		UG/L	135.00	145.00	10.00	X
MW-47	W47M3A	3/29/1999	IM40MB	MOLYBDENUM	43.10		UG/L	21.00	31.00	10.00	X
MW-47	W47M3L	3/29/1999	IM40MB	MOLYBDENUM	40.50		UG/L	21.00	31.00	10.00	X
MW-47	W47M2A	3/26/1999	IM40MB	MOLYBDENUM	11.00		UG/L	38.00	48.00	10.00	X
MW-48	W48M1A	11/23/1999	IM40MB	MOLYBDENUM	17.90		UG/L	90.00	100.00	10.00	X
MW-5	W05DDA	2/13/1998	IM40MB	MOLYBDENUM	28.30		UG/L	220.00	225.00	10.00	X
MW-5	W05DDL	2/13/1998	IM40MB	MOLYBDENUM	26.60		UG/L	220.00	225.00	10.00	X
MW-50	W50M2A	4/26/1999	IM40MB	MOLYBDENUM	20.60		UG/L	59.00	69.00	10.00	X
MW-50	W50M1A	4/27/1999	IM40MB	MOLYBDENUM	11.80		UG/L	90.00	100.00	10.00	X
MW-52	W52M3A	4/7/1999	IM40MB	MOLYBDENUM	72.60		UG/L	26.00	36.00	10.00	X
MW-52	W52M3L	4/7/1999	IM40MB	MOLYBDENUM	67.60		UG/L	26.00	36.00	10.00	X
MW-52	W52M3A	8/27/1999	IM40MB	MOLYBDENUM	23.40		UG/L	26.00	36.00	10.00	X
MW-52	W52M3L	8/27/1999	IM40MB	MOLYBDENUM	23.10		UG/L	26.00	36.00	10.00	X
MW-52	W52M3L	11/8/1999	IM40MB	MOLYBDENUM	10.50		UG/L	26.00	36.00	10.00	X
MW-52	W52M2A	4/29/1999	IM40MB	MOLYBDENUM	15.30		UG/L	74.00	84.00	10.00	X
MW-52	W52M2L	4/29/1999	IM40MB	MOLYBDENUM	18.50		UG/L	74.00	84.00	10.00	X
MW-52	W52DDA	4/2/1999	IM40MB	MOLYBDENUM	51.10		UG/L	219.00	229.00	10.00	X
MW-52	W52DDL	4/2/1999	IM40MB	MOLYBDENUM	48.90		UG/L	219.00	229.00	10.00	X
MW-52	W52DDA	8/30/1999	IM40MB	MOLYBDENUM	28.30		UG/L	219.00	229.00	10.00	X
MW-52	W52DDL	8/30/1999	IM40MB	MOLYBDENUM	26.80		UG/L	219.00	229.00	10.00	X
MW-52	W52DDA	11/9/1999	IM40MB	MOLYBDENUM	22.70		UG/L	219.00	229.00	10.00	X
MW-53	W53SSA	2/17/1999	IM40MB	MOLYBDENUM	24.90		UG/L	0.00	10.00	10.00	X
MW-53	W53SSL	2/17/1999	IM40MB	MOLYBDENUM	27.60		UG/L	0.00	10.00	10.00	X
MW-53	W53M1A	5/3/1999	IM40MB	MOLYBDENUM	122.00		UG/L	100.00	110.00	10.00	X
MW-53	W53M1L	5/3/1999	IM40MB	MOLYBDENUM	132.00		UG/L	100.00	110.00	10.00	X
MW-53	W53M1A	8/30/1999	IM40MB	MOLYBDENUM	55.20		UG/L	100.00	110.00	10.00	X
MW-53	W53M1L	8/30/1999	IM40MB	MOLYBDENUM	54.10		UG/L	100.00	110.00	10.00	X
MW-53	W53M1A	11/5/1999	IM40MB	MOLYBDENUM	41.20		UG/L	100.00	110.00	10.00	X
MW-53	W53M1L	11/5/1999	IM40MB	MOLYBDENUM	38.20		UG/L	100.00	110.00	10.00	X
MW-53	W53DDA	2/18/1999	IM40MB	MOLYBDENUM	15.90		UG/L	157.00	167.00	10.00	X
MW-53	W53DDL	2/18/1999	IM40MB	MOLYBDENUM	17.40		UG/L	157.00	167.00	10.00	X
MW-53	W53DDA	8/30/1999	IM40MB	MOLYBDENUM	11.50		UG/L	157.00	167.00	10.00	X
MW-54	W54SSA	4/30/1999	IM40MB	MOLYBDENUM	56.70		UG/L	0.00	10.00	10.00	X

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1997 THROUGH AUGUST 2000

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-54	W54SSL	4/30/1999	IM40MB	MOLYBDENUM	66.20		UG/L	0.00	10.00	10.00	X
MW-54	W54SSA	8/27/1999	IM40MB	MOLYBDENUM	61.40		UG/L	0.00	10.00	10.00	X
MW-54	W54SSA	11/8/1999	IM40MB	MOLYBDENUM	25.50		UG/L	0.00	10.00	10.00	X
MW-54	W54M2A	5/4/1999	IM40MB	MOLYBDENUM	11.20		UG/L	58.00	68.00	10.00	X
MW-54	W54M2L	5/4/1999	IM40MB	MOLYBDENUM	13.10		UG/L	58.00	68.00	10.00	X
MW-54	W54M2A	8/27/1999	IM40MB	MOLYBDENUM	43.70		UG/L	58.00	68.00	10.00	X
MW-54	W54M2L	8/27/1999	IM40MB	MOLYBDENUM	43.20		UG/L	58.00	68.00	10.00	X
MW-54	W54M2A	11/8/1999	IM40MB	MOLYBDENUM	14.50		UG/L	58.00	68.00	10.00	X
MW-54	W54M1A	4/30/1999	IM40MB	MOLYBDENUM	11.80		UG/L	80.00	90.00	10.00	X
MW-54	W54DDA	5/5/1999	IM40MB	MOLYBDENUM	17.50		UG/L	126.00	136.00	10.00	X
MW-55	W55SSA	5/17/1999	IM40MB	MOLYBDENUM	15.90		UG/L	0.00	10.00	10.00	X
MW-55	W55M2A	5/14/1999	IM40MB	MOLYBDENUM	21.80		UG/L	60.00	70.00	10.00	X
MW-55	W55M1A	5/13/1999	IM40MB	MOLYBDENUM	12.50		UG/L	90.00	100.00	10.00	X
MW-55	W55DDA	5/13/1999	IM40MB	MOLYBDENUM	22.60		UG/L	120.00	130.00	10.00	X
MW-55	W55DDA	8/30/1999	IM40MB	MOLYBDENUM	14.20		UG/L	120.00	130.00	10.00	X
MW-55	W55DDA	11/8/1999	IM40MB	MOLYBDENUM	11.00		UG/L	120.00	130.00	10.00	X
MW-57	W57SSA	12/21/1999	IM40MB	MOLYBDENUM	15.20		UG/L	0.00	10.00	10.00	X
MW-57	W57SSD	12/21/1999	IM40MB	MOLYBDENUM	16.30		UG/L	0.00	10.00	10.00	X
MW-57	W57SSA	3/22/00	IM40MB	MOLYBDENUM	10.30	J	UG/L	0.00	10.00	10.00	X
MW-57	W57SSD	3/22/00	IM40MB	MOLYBDENUM	10.10	J	UG/L	0.00	10.00	10.00	X
MW-57	W57M3A	12/13/1999	IM40MB	MOLYBDENUM	21.90		UG/L	30.00	40.00	10.00	X
MW-57	W57M2A	3/22/00	IM40MB	MOLYBDENUM	10.80	J	UG/L	60.00	70.00	10.00	X
MW-57	W57DDA	12/13/1999	IM40MB	MOLYBDENUM	18.60		UG/L	125.00	135.00	10.00	X
MW-57	W57DDL	12/13/1999	IM40MB	MOLYBDENUM	17.80		UG/L	125.00	135.00	10.00	X
MW-63	W63SSA	9/21/1999	IM40MB	MOLYBDENUM	12.70		UG/L	0.00	10.00	10.00	X
MW-63	W63SSL	9/21/1999	IM40MB	MOLYBDENUM	11.10		UG/L	0.00	10.00	10.00	X
MW-7	W07M1A	9/7/1999	IM40MB	MOLYBDENUM	10.20		UG/L	67.00	72.00	10.00	X
MW-81	W81M1A	10/13/1999	IM40MB	MOLYBDENUM	24.30		UG/L	99.00	109.00	10.00	X
MW-81	W81M1L	10/13/1999	IM40MB	MOLYBDENUM	22.10		UG/L	99.00	109.00	10.00	X
MW-82	W82DDA	10/13/1999	IM40MB	MOLYBDENUM	15.40		UG/L	96.00	106.00	10.00	X
MW-82	W82DDL	10/13/1999	IM40MB	MOLYBDENUM	14.40		UG/L	96.00	106.00	10.00	X
MW-83	W83DDA	10/12/1999	IM40MB	MOLYBDENUM	13.40		UG/L	105.00	115.00	10.00	X
15MW0002	15MW0002	4/8/1999	IM40MB	SODIUM	37,600.00		UG/L	0.00	10.00	20,000.00	X
90WT0015	90WT0015	4/23/1999	IM40MB	SODIUM	34,300.00		UG/L	0.00	10.00	20,000.00	X
MW-16	W16SSA	11/17/1997	IM40MB	SODIUM	20,900.00		UG/L	0.00	10.00	20,000.00	X

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MW-16	W16SSL	11/17/1997	IM40MB	SODIUM	20,400.00		UG/L	0.00	10.00	20,000.00	X
MW-2	W02SSA	2/23/1998	IM40MB	SODIUM	27,200.00		UG/L	0.00	10.00	20,000.00	X
MW-2	W02SSL	2/23/1998	IM40MB	SODIUM	26,300.00		UG/L	0.00	10.00	20,000.00	X
MW-2	W02SSA	2/1/1999	IM40MB	SODIUM	20,300.00		UG/L	0.00	10.00	20,000.00	X
MW-2	W02SSL	2/1/1999	IM40MB	SODIUM	20,100.00		UG/L	0.00	10.00	20,000.00	X
MW-2	W02DDA	11/19/1997	IM40MB	SODIUM	21,500.00		UG/L	287.00	295.00	20,000.00	X
MW-2	W02DDL	11/19/1997	IM40MB	SODIUM	22,600.00		UG/L	287.00	295.00	20,000.00	X
MW-21	W21SSA	10/24/1997	IM40MB	SODIUM	24,000.00		UG/L	0.00	10.00	20,000.00	X
MW-21	W21SSL	10/24/1997	IM40MB	SODIUM	24,200.00		UG/L	0.00	10.00	20,000.00	X
MW-46	W46SSA	8/25/1999	IM40MB	SODIUM	20,600.00		UG/L	0.00	10.00	20,000.00	X
MW-46	W46M2A	3/30/1999	IM40MB	SODIUM	23,300.00		UG/L	55.00	65.00	20,000.00	X
MW-46	W46M2L	3/30/1999	IM40MB	SODIUM	24,400.00		UG/L	55.00	65.00	20,000.00	X
MW-54	W54SSA	8/27/1999	IM40MB	SODIUM	33,300.00		UG/L	0.00	10.00	20,000.00	X
MW-57	W57M2A	12/21/1999	IM40MB	SODIUM	23,500.00		UG/L	60.00	70.00	20,000.00	X
MW-57	W57M2A	3/22/00	IM40MB	SODIUM	24,500.00		UG/L	60.00	70.00	20,000.00	X
MW-57	W57M1A	12/14/1999	IM40MB	SODIUM	23,700.00		UG/L	100.00	110.00	20,000.00	X
MW-57	W57M1A	3/7/00	IM40MB	SODIUM	20,900.00		UG/L	100.00	110.00	20,000.00	X
SDW261160	WG160L	1/7/1998	IM40MB	SODIUM	20,600.00		UG/L	0.00	0.00	20,000.00	X
SDW261160	WG160A	1/13/1999	IM40MB	SODIUM	27,200.00		UG/L	0.00	0.00	20,000.00	X
SDW261160	WG160L	1/13/1999	IM40MB	SODIUM	28,200.00		UG/L	0.00	0.00	20,000.00	X
03MW0006	03MW0006	4/15/1999	IM40MB	THALLIUM	2.60	J	UG/L	0.00	10.00	2.00	X
03MW0022A	03MW0022A	4/16/1999	IM40MB	THALLIUM	3.90		UG/L	71.00	76.00	2.00	X
03MW0027A	03MW0027A	4/14/1999	IM40MB	THALLIUM	2.00	J	UG/L	64.00	69.00	2.00	X
11MW0004	11MW0004	4/16/1999	IM40MB	THALLIUM	2.30	J	UG/L	0.00	10.00	2.00	X
27MW0020Z	27MW0020Z	4/16/1999	IM40MB	THALLIUM	2.70	J	UG/L	98.00	103.00	2.00	X
90MW0038	90MW0038	4/21/1999	IM40MB	THALLIUM	4.40	J	UG/L	29.00	34.00	2.00	X
90WT0010	WF10XA	1/16/1998	IM40MB	THALLIUM	6.50	J	UG/L	2.00	12.00	2.00	X
LRWS1-4	WL14XA	1/7/1999	IM40MB	THALLIUM	5.20	J	UG/L	107.00	117.00	2.00	X
MW-1	W01SSA	9/7/1999	IM40MB	THALLIUM	2.90	J	UG/L	0.00	10.00	2.00	X
MW-18	W18SSA	3/12/1999	IM40MB	THALLIUM	2.30	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	9/10/1999	IM40MB	THALLIUM	3.80	J	UG/L	0.00	10.00	2.00	X
MW-19	W19DDL	2/11/1999	IM40MB	THALLIUM	3.10	J	UG/L	251.00	256.00	2.00	X
MW-21	W21SSA	10/24/1997	IM40MB	THALLIUM	6.90	J	UG/L	0.00	10.00	2.00	X
MW-21	W21M2A	11/1/1999	IM40MB	THALLIUM	4.00	J	UG/L	58.00	68.00	2.00	X
MW-23	W23SSA	9/14/1999	IM40MB	THALLIUM	4.70	J	UG/L	0.00	10.00	2.00	X

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TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2000

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-25	W25SSA	9/14/1999	IM40MB	THALLIUM	5.30	J	UG/L	0.00	10.00	2.00	X
MW-37	W37M2A	12/29/1999	IM40MB	THALLIUM	4.90	J	UG/L	28.00	38.00	2.00	X
MW-38	W38M4A	8/18/1999	IM40MB	THALLIUM	2.80	J	UG/L	15.00	25.00	2.00	X
MW-38	W38M2A	5/11/1999	IM40MB	THALLIUM	4.90	J	UG/L	70.00	80.00	2.00	X
MW-41	W41M2A	4/2/1999	IM40MB	THALLIUM	2.50	J	UG/L	69.00	79.00	2.00	X
MW-42	W42M2A	11/19/1999	IM40MB	THALLIUM	4.00	J	UG/L	119.00	129.00	2.00	X
MW-45	W45SSA	5/26/1999	IM40MB	THALLIUM	3.00	J	UG/L	0.00	10.00	2.00	X
MW-46	W46DDA	11/2/1999	IM40MB	THALLIUM	5.10	J	UG/L	135.00	145.00	2.00	X
MW-47	W47M3A	8/25/1999	IM40MB	THALLIUM	3.20	J	UG/L	21.00	31.00	2.00	X
MW-47	W47M2A	3/26/1999	IM40MB	THALLIUM	3.20	J	UG/L	38.00	48.00	2.00	X
MW-47	W47M2A	8/25/1999	IM40MB	THALLIUM	4.00	J	UG/L	38.00	48.00	2.00	X
MW-47	W47M1A	8/24/1999	IM40MB	THALLIUM	2.60	J	UG/L	75.00	85.00	2.00	X
MW-48	W48M3A	2/28/00	IM40MB	THALLIUM	4.20	J	UG/L	29.73	39.73	2.00	X
MW-49	W49SSA	11/19/1999	IM40MB	THALLIUM	4.70	J	UG/L	0.00	10.00	2.00	X
MW-51	W51M3A	8/25/1999	IM40MB	THALLIUM	4.30	J	UG/L	29.00	39.00	2.00	X
MW-52	W52SSA	8/26/1999	IM40MB	THALLIUM	3.60	J	UG/L	0.00	10.00	2.00	X
MW-52	W52SSA	11/18/1999	IM40MB	THALLIUM	4.30	J	UG/L	0.00	10.00	2.00	X
MW-52	W52M3L	4/7/1999	IM40MB	THALLIUM	3.60	J	UG/L	26.00	36.00	2.00	X
MW-52	W52DDA	4/2/1999	IM40MB	THALLIUM	2.80	J	UG/L	219.00	229.00	2.00	X
MW-52	W52DDL	4/2/1999	IM40MB	THALLIUM	2.60	J	UG/L	219.00	229.00	2.00	X
MW-52	W52DDA	8/30/1999	IM40MB	THALLIUM	3.80	J	UG/L	219.00	229.00	2.00	X
MW-53	W53M1A	11/5/1999	IM40MB	THALLIUM	3.40	J	UG/L	100.00	110.00	2.00	X
MW-54	W54SSA	11/8/1999	IM40MB	THALLIUM	7.40	J	UG/L	0.00	10.00	2.00	X
MW-54	W54M1A	8/30/1999	IM40MB	THALLIUM	2.80	J	UG/L	80.00	90.00	2.00	X
MW-54	W54M1A	11/5/1999	IM40MB	THALLIUM	3.90	J	UG/L	80.00	90.00	2.00	X
MW-55	W55M1A	8/31/1999	IM40MB	THALLIUM	2.50	J	UG/L	90.00	100.00	2.00	X
MW-57	W57M2A	3/22/00	IM40MB	THALLIUM	4.10	J	UG/L	60.00	70.00	2.00	X
MW-64	W64M1A	2/7/00	IM40MB	THALLIUM	4.10	J	UG/L	37.00	47.00	2.00	X
MW-7	W07MMA	2/23/1999	IM40MB	THALLIUM	4.10	J	UG/L	67.00	72.00	2.00	X
MW-7	W07M1A	9/7/1999	IM40MB	THALLIUM	26.20		UG/L	67.00	72.00	2.00	X
MW-7	W07M1D	9/7/1999	IM40MB	THALLIUM	12.70		UG/L	67.00	72.00	2.00	X
MW-7	W07M2L	2/5/1998	IM40MB	THALLIUM	6.60	J	UG/L	137.00	142.00	2.00	X
MW-7	W07M2A	2/24/1999	IM40MB	THALLIUM	4.40	J	UG/L	137.00	142.00	2.00	X
MW-72	W72SSA	5/27/1999	IM40MB	THALLIUM	4.00		UG/L	0.00	10.00	2.00	X
MW-83	W83SSA	1/13/00	IM40MB	THALLIUM	3.60	J	UG/L	0.00	10.00	2.00	X

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1997 THROUGH AUGUST 2000

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-84	W84SSA	10/21/1999	IM40MB	THALLIUM	3.20	J	UG/L	0.00	10.00	2.00	X
PPAWSMW-1	PPAWSMW-1	6/22/1999	IM40MB	THALLIUM	3.10	J	UG/L	10.00	20.00	2.00	X
SMR-2	WSMR2A	3/25/1999	IM40MB	THALLIUM	2.00	J	UG/L	0.00	10.00	2.00	X
95-14	W9514A	9/28/1999	IM40MB	ZINC	2,430.00		UG/L	90.00	120.00	2,000.00	X
95-15	W9515A	10/17/1997	IM40MB	ZINC	7,210.00		UG/L	80.00	92.00	2,000.00	X
95-15	W9515L	10/17/1997	IM40MB	ZINC	4,620.00		UG/L	80.00	92.00	2,000.00	X
LRWS3-1	WL31XA	10/21/1997	IM40MB	ZINC	2,480.00		UG/L	102.00	117.00	2,000.00	X
LRWS3-1	WL31XL	10/21/1997	IM40MB	ZINC	2,410.00		UG/L	102.00	117.00	2,000.00	X
LRWS4-1	WL41XA	11/24/1997	IM40MB	ZINC	3,220.00		UG/L	66.00	91.00	2,000.00	X
LRWS4-1	WL41XL	11/24/1997	IM40MB	ZINC	3,060.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51DL	11/25/1997	IM40MB	ZINC	4,410.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XA	11/25/1997	IM40MB	ZINC	4,510.00		UG/L	187.00	202.00	2,000.00	X
LRWS5-1	WL51XD	11/25/1997	IM40MB	ZINC	4,390.00		UG/L	187.00	202.00	2,000.00	X
LRWS5-1	WL51XL	11/25/1997	IM40MB	ZINC	3,900.00		UG/L	187.00	202.00	2,000.00	X
LRWS5-1	WL51XA	1/25/1999	IM40MB	ZINC	3,980.00		UG/L	187.00	202.00	2,000.00	X
LRWS5-1	WL51XL	1/25/1999	IM40MB	ZINC	3,770.00		UG/L	187.00	202.00	2,000.00	X
LRWS6-1	WL61XA	11/17/1997	IM40MB	ZINC	3,480.00		UG/L	184.00	199.00	2,000.00	X
LRWS6-1	WL61XL	11/17/1997	IM40MB	ZINC	2,600.00		UG/L	184.00	199.00	2,000.00	X
LRWS6-1	WL61XA	1/28/1999	IM40MB	ZINC	2,240.00		UG/L	184.00	199.00	2,000.00	X
LRWS6-1	WL61XL	1/28/1999	IM40MB	ZINC	2,200.00		UG/L	184.00	199.00	2,000.00	X
LRWS7-1	WL71XA	11/21/1997	IM40MB	ZINC	4,320.00		UG/L	186.00	201.00	2,000.00	X
LRWS7-1	WL71XL	11/21/1997	IM40MB	ZINC	3,750.00		UG/L	186.00	201.00	2,000.00	X
LRWS7-1	WL71XA	1/22/1999	IM40MB	ZINC	4,160.00		UG/L	186.00	201.00	2,000.00	X
LRWS7-1	WL71XL	1/22/1999	IM40MB	ZINC	4,100.00		UG/L	186.00	201.00	2,000.00	X
MW-41	W41M1A	8/19/1999	OC21B	2,6-DINITROTOLUENE	5.00	J	UG/L	110.00	120.00	5.00	X
03MW0122A	WS122A	9/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	12.00		UG/L	1.00	11.00	6.00	X
11MW0003	WF143A	2/25/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00		UG/L	0.00	0.00	6.00	X
11MW0003	WF143A	9/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	24.00		UG/L	0.00	0.00	6.00	X
15MW0004	15MW0004	4/9/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	6.00		UG/L	0.00	10.00	6.00	X
15MW0008	15MW0008D	4/12/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	25.00	J	UG/L	0.00	0.00	6.00	X
28MW0106	WL28XA	2/19/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	18.00	J	UG/L	0.00	10.00	6.00	X
28MW0106	WL28XA	3/23/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	26.00		UG/L	0.00	10.00	6.00	X
58MW0002	WC2XXA	2/26/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	36.00		UG/L	0.00	0.00	6.00	X
58MW0005E	WC5EXA	9/27/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	0.00	10.00	6.00	X
58MW0006E	WC6EXA	10/3/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	59.00		UG/L	0.00	10.00	6.00	X

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1997 THROUGH AUGUST 2000

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58MW0006E	WC6EXD	10/3/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	57.00		UG/L	0.00	10.00	6.00	X
58MW0006E	WC6EXA	1/29/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	6.00		UG/L	0.00	10.00	6.00	X
58MW0007C	WC7CXA	9/28/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	13.00		UG/L	24.00	29.00	6.00	X
90MW0054	WF12XA	10/4/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	13.00	J	UG/L	95.00	100.00	6.00	X
90WT0003	WF03XA	9/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	58.00		UG/L	0.00	10.00	6.00	X
90WT0005	WF05XA	1/13/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	47.00		UG/L	0.00	10.00	6.00	X
90WT0013	WF13XA	1/16/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	34.00		UG/L	2.00	12.00	6.00	X
90WT0013	WF13XA	1/14/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	16.00		UG/L	2.00	12.00	6.00	X
95-14	W9514A	9/28/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	22.00		UG/L	90.00	120.00	6.00	X
97-1	W9701A	11/19/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	54.00	J	UG/L	62.00	72.00	6.00	X
97-1	W9701D	11/19/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	28.00	J	UG/L	62.00	72.00	6.00	X
97-2	W9702A	11/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00		UG/L	53.00	63.00	6.00	X
97-3	W9703A	11/21/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	73.00	J	UG/L	36.00	46.00	6.00	X
97-5	W9705A	11/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	15.00		UG/L	76.00	86.00	6.00	X
BHW215083	WG083A	11/26/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	13.00		UG/L	0.00	0.00	6.00	X
LRWS1-4	WL14XA	10/6/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	78.00	J	UG/L	107.00	117.00	6.00	X
LRWS2-3	WL23XA	11/21/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	20.00	J	UG/L	68.00	83.00	6.00	X
LRWS2-6	WL26XA	10/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	21.00		UG/L	75.00	90.00	6.00	X
LRWS2-6	WL26XA	10/4/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00	J	UG/L	75.00	90.00	6.00	X
LRWS4-1	WL41XA	11/24/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	100.00		UG/L	66.00	91.00	6.00	X
LRWS5-1	WL51XA	11/25/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00		UG/L	187.00	202.00	6.00	X
MW-10	W10SSA	9/16/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	39.00		UG/L	0.00	10.00	6.00	X
MW-11	W11SSA	11/6/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	33.00	J	UG/L	0.00	10.00	6.00	X
MW-11	W11SSD	11/6/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	23.00	J	UG/L	0.00	10.00	6.00	X
MW-12	W12SSA	11/6/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	28.00		UG/L	0.00	10.00	6.00	X
MW-14	W14SSA	11/4/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	14.00		UG/L	0.00	10.00	6.00	X
MW-16	W16SSA	11/17/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	28.00		UG/L	0.00	10.00	6.00	X
MW-16	W16DDA	11/17/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	43.00		UG/L	108.00	113.00	6.00	X
MW-17	W17SSD	11/10/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	120.00	J	UG/L	0.00	10.00	6.00	X
MW-17	W17DDA	11/11/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	42.00		UG/L	197.00	207.00	6.00	X
MW-18	W18SSA	10/10/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	36.00		UG/L	0.00	10.00	6.00	X
MW-18	W18DDA	9/10/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	11.00		UG/L	223.00	233.00	6.00	X
MW-19	W19DDA	3/4/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00		UG/L	251.00	256.00	6.00	X
MW-2	W02M2A	1/20/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	24.00		UG/L	31.00	36.00	6.00	X
MW-2	W02M1A	1/21/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	10.00	J	UG/L	73.00	78.00	6.00	X

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MW-2	W02DDA	2/2/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00		UG/L	287.00	295.00	6.00	X
MW-20	W20SSA	11/7/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	280.00		UG/L	0.00	10.00	6.00	X
MW-21	W21M2A	4/1/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	58.00	68.00	6.00	X
MW-22	W22SSA	11/24/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	96.00		UG/L	0.00	10.00	6.00	X
MW-22	W22SSA	9/20/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	18.00		UG/L	0.00	10.00	6.00	X
MW-23	W23SSA	10/27/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	24.00		UG/L	0.00	10.00	6.00	X
MW-23	W23M3A	11/13/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	10.00		UG/L	153.00	163.00	6.00	X
MW-23	W23M3D	11/13/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	13.00		UG/L	153.00	163.00	6.00	X
MW-24	W24SSA	11/14/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	0.00	10.00	6.00	X
MW-27	W27SSA	9/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00		UG/L	0.00	10.00	6.00	X
MW-28	W28SSA	11/3/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	11.00		UG/L	0.00	10.00	6.00	X
MW-28	W28SSA	9/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	150.00	J	UG/L	0.00	10.00	6.00	X
MW-29	W29SSA	11/3/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	16.00		UG/L	0.00	10.00	6.00	X
MW-29	W29SSA	9/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	20.00		UG/L	0.00	10.00	6.00	X
MW-36	W36M2A	8/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	59.00	69.00	6.00	X
MW-38	W38M3A	5/6/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	15.00		UG/L	53.00	63.00	6.00	X
MW-4	W04SSA	11/4/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	30.00		UG/L	0.00	10.00	6.00	X
MW-41	W41M2A	11/12/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00		UG/L	69.00	79.00	6.00	X
MW-43	W43M1A	5/26/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	6.00		UG/L	93.00	103.00	6.00	X
MW-44	W44M1A	9/20/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	14.00		UG/L	55.00	65.00	6.00	X
MW-45	W45M1A	5/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	37.00		UG/L	98.00	108.00	6.00	X
MW-46	W46M1A	11/1/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	6.00	J	UG/L	102.00	112.00	6.00	X
MW-46	W46DDA	11/2/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	14.00	J	UG/L	135.00	145.00	6.00	X
MW-47	W47M1A	8/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	14.00		UG/L	75.00	85.00	6.00	X
MW-47	W47DDA	8/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	16.00		UG/L	100.00	110.00	6.00	X
MW-49	W49SSA	3/1/00	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	290.00		UG/L	0.00	10.00	6.00	X
MW-5	W05DDA	2/13/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00	J	UG/L	220.00	225.00	6.00	X
MW-52	W52M3A	8/27/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00	J	UG/L	26.00	36.00	6.00	X
MW-53	W53M1A	8/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	31.00		UG/L	100.00	110.00	6.00	X
MW-53	W53DDA	2/18/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	18.00		UG/L	157.00	167.00	6.00	X
MW-55	W55DDA	5/13/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	120.00	130.00	6.00	X
MW-57	W57SSA	12/21/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	3,300.00	J	UG/L	0.00	10.00	6.00	X
MW-57	W57DDA	12/13/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	95.00		UG/L	125.00	135.00	6.00	X
MW-7	W07SSA	10/31/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	10.00		UG/L	0.00	10.00	6.00	X
MW-70	W70M1A	10/27/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	10.00		UG/L	130.00	140.00	6.00	X

BWTS = DEPTH BELOW WATER TABLE, START DEPTH, MEASURED IN FEET
BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET
MCL/HA = EITHER THE MCL OR LOWEST HEALTH ADVISORY CONCENTRATION (CHILD, ADULT OR LIFETIME)
>MCL/HA = EQUALS OR EXCEEDS EITHER THE MCL OR LOWEST HEALTH ADVISORY CONCENTRATION (CHILD, ADULT, OR LIFETIME)

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2000

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-84	W84DDA	3/3/00	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	30.00		UG/L	151.00	161.00	6.00	X
RW-1	WRW1XA	2/18/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	59.00		UG/L	0.00	9.00	6.00	X
RW-1	WRW1XD	10/6/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	11.00	J	UG/L	0.00	9.00	6.00	X
90MW0003	WF03MA	10/7/1999	OC21B	NAPHTHALENE	33.00		UG/L	60.00	65.00	20.00	X
MW-45	W45SSA	5/26/1999	OC21B	NAPHTHALENE	24.00		UG/L	0.00	10.00	20.00	X
MW-45	W45SSA	11/16/1999	OC21B	NAPHTHALENE	27.00		UG/L	0.00	10.00	20.00	X
90MW0003	WF03MA	10/7/1999	OC21V	1,2-DICHLOROETHANE	5.00		UG/L	60.00	65.00	5.00	X
03MW0007A	03MW0007A	4/13/1999	OC21V	TETRACHLOROETHYLENE(P	6.00		UG/L	21.00	26.00	5.00	X
03MW0014A	03MW0014A	4/13/1999	OC21V	TETRACHLOROETHYLENE(P	8.00		UG/L	38.00	43.00	5.00	X
03MW0020	03MW0020	4/14/1999	OC21V	TETRACHLOROETHYLENE(P	12.00		UG/L	36.00	41.00	5.00	X
MW-45	W45SSA	11/16/1999	OC21V	TOLUENE	1,000.00		UG/L	0.00	10.00	1,000.00	X
27MW0017B	27MW0017B	4/30/1999	OC21V	VINYL CHLORIDE	2.00		UG/L	21.00	26.00	2.00	X
PPAWSMW-1	PPAWSMW-1	6/22/1999	OL21P	DIELDRIN	3.00		UG/L	10.00	20.00	0.50	X

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>MCL/HA = EQUALS OR EXCEEDS EITHER THE MCL OR LOWEST HEALTH ADVISORY CONCENTRATION (CHILD, ADULT, OR LIFETIME)

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/16/00-8/31/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
HCJ2155MM02	HDJ2155MM02	07/28/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HCJ2155MM03	HDJ2155MM03	07/28/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HCJ281MM21	HDJ281MM21	07/28/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HCJ281MM22	HDJ281MM22	07/28/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HCJ281MM23	HCJ281MM23	07/28/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HCJ281MM23	HCJ281MM23	07/28/2000	CRATER GRAB	0.00	0.25			8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
HDJ2155MM03	HDJ2155MM03	07/28/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HDJ281MM08	HDJ281MM08	07/28/2000	CRATER GRAB	0.00	0.25			8330N	2,4,6-TRINITROTOLUENE	YES
HDJ281MM21	HDJ281MM21	07/28/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HDJ281MM22	HDJ281MM22	07/28/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HDJ281MM23	HDJ281MM23	07/28/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
90MW0003	90MW0003	08/22/2000	GROUNDWATER	141.00	151.00	49.57	59.57	8330N	3-NITROTOLUENE	NO
90MW0003	90MW0003	08/22/2000	GROUNDWATER	141.00	151.00	49.57	59.57	8330N	NITROGLYCERIN	NO
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-TETRANITR	YES
90WT0004D	90WT0004	08/21/2000	GROUNDWATER	38.00	48.00	3.90	13.90	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	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
90WT0019	90WT0019	08/22/2000	GROUNDWATER	96.00	106.00	0.00	10.00	8330N	2,4-DINITROTOLUENE	NO
90WT0019	90WT0019	08/22/2000	GROUNDWATER	96.00	106.00	0.00	10.00	8330N	2,6-DINITROTOLUENE	NO
90WT0019	90WT0019	08/22/2000	GROUNDWATER	96.00	106.00	0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
90WT0019	90WT0019	08/22/2000	GROUNDWATER	96.00	106.00	0.00	10.00	8330N	NITROGLYCERIN	NO
ECMWSNP03D	ECMWSNP03D	08/28/2000	GROUNDWATER					8330N	3-NITROTOLUENE	NO
W01M2A	MW-1	07/31/2000	GROUNDWATER	160.00	165.00	40.42	45.42	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W01SSA	MW-1	07/31/2000	GROUNDWATER	114.00	124.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W01SSA	MW-1	07/31/2000	GROUNDWATER	114.00	124.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W02M1A	MW-2	08/02/2000	GROUNDWATER	212.00	217.00	70.16	75.16	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W02M2A	MW-2	08/02/2000	GROUNDWATER	170.00	175.00	28.20	33.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W19SSA	MW-19	08/08/2000	GROUNDWATER	38.00	48.00	0.00	10.00	8330N	2,4,6-TRINITROTOLUENE	YES

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/16/00-8/31/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W19SSA	MW-19	08/08/2000	GROUNDWATER	38.00	48.00	0.00	10.00	8330N	2,4-DINITROTOLUENE	YES
W19SSA	MW-19	08/08/2000	GROUNDWATER	38.00	48.00	0.00	10.00	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W19SSA	MW-19	08/08/2000	GROUNDWATER	38.00	48.00	0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W19SSA	MW-19	08/08/2000	GROUNDWATER	38.00	48.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W19SSA	MW-19	08/08/2000	GROUNDWATER	38.00	48.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W23M1A	MW-23	08/08/2000	GROUNDWATER	225.00	235.00	95.85	105.85	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W25SSA	MW-25	08/08/2000	GROUNDWATER	108.00	118.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W27SSA	MW-27	08/09/2000	GROUNDWATER	117.00	127.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W31DDA	MW-31	08/09/2000	GROUNDWATER	133.00	138.00	43.10	48.10	8330N	2,4,6-TRINITROTOLUENE	YES
W31DDA	MW-31	08/09/2000	GROUNDWATER	133.00	138.00	43.10	48.10	8330N	2,4-DINITROTOLUENE	YES
W31DDA	MW-31	08/09/2000	GROUNDWATER	133.00	138.00	43.10	48.10	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W31DDA	MW-31	08/09/2000	GROUNDWATER	133.00	138.00	43.10	48.10	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W31DDA	MW-31	08/09/2000	GROUNDWATER	133.00	138.00	43.10	48.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W31DDA	MW-31	08/09/2000	GROUNDWATER	133.00	138.00	43.10	48.10	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W31M1A	MW-31	08/09/2000	GROUNDWATER	113.00	123.00	22.85	32.85	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W31M1A	MW-31	08/09/2000	GROUNDWATER	113.00	123.00	22.85	32.85	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W31M1A	MW-31	08/09/2000	GROUNDWATER	113.00	123.00	22.85	32.85	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W31M1A	MW-31	08/09/2000	GROUNDWATER	113.00	123.00	22.85	32.85	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W31SSA	MW-31	08/09/2000	GROUNDWATER	98.00	103.00	7.76	12.76	8330N	2,4,6-TRINITROTOLUENE	YES
W31SSA	MW-31	08/09/2000	GROUNDWATER	98.00	103.00	7.76	12.76	8330N	2,4-DINITROTOLUENE	YES
W31SSA	MW-31	08/09/2000	GROUNDWATER	98.00	103.00	7.76	12.76	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W31SSA	MW-31	08/09/2000	GROUNDWATER	98.00	103.00	7.76	12.76	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W31SSA	MW-31	08/09/2000	GROUNDWATER	98.00	103.00	7.76	12.76	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W31SSA	MW-31	08/09/2000	GROUNDWATER	98.00	103.00	7.76	12.76	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W34M1A	MW-34	08/11/2000	GROUNDWATER	151.00	161.00	71.00	81.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W34M2A	MW-34	08/10/2000	GROUNDWATER	131.00	141.00	49.20	59.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W39M2A	MW-39	08/10/2000	GROUNDWATER	175.00	185.00	36.53	46.53	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	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
W50M1A	MW-50	08/14/2000	GROUNDWATER	207.00	217.00	86.27	96.27	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W55DDA	MW-55	08/15/2000	GROUNDWATER	255.00	265.00	116.58	126.58	8330N	NITROGLYCERIN	NO
W75M2A	MW-75	08/02/2000	GROUNDWATER	115.00	125.00	30.90	40.90	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W76M2A	MW-76	08/02/2000	GROUNDWATER	105.00	115.00	34.82	44.82	8330N	1,3,5-TRINITROBENZENE	YES

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/16/00-8/31/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W76M2A	MW-76	08/02/2000	GROUNDWATER	105.00	115.00	34.82	44.82	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W76M2A	MW-76	08/02/2000	GROUNDWATER	105.00	115.00	34.82	44.82	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W76SSA	MW-76	08/01/2000	GROUNDWATER	85.00	95.00	13.20	23.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W76SSA	MW-76	08/01/2000	GROUNDWATER	85.00	95.00	13.20	23.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W77M2A	MW-77	08/01/2000	GROUNDWATER	120.00	130.00	35.33	45.33	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W77M2A	MW-77	08/01/2000	GROUNDWATER	120.00	130.00	35.33	45.33	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W77M2A	MW-77	08/01/2000	GROUNDWATER	120.00	130.00	35.33	45.33	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G112DAA	MW-112	08/01/2000	PROFILE	140.00	140.00	0.00	0.00	8330N	PICRIC ACID	NO
G112DCA	MW-112	08/01/2000	PROFILE	160.00	160.00	20.00	20.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G112DCA	MW-112	08/01/2000	PROFILE	160.00	160.00	20.00	20.00	8330N	PICRIC ACID	NO
G112DDA	MW-112	08/02/2000	PROFILE	170.00	170.00	30.00	30.00	8330N	PICRIC ACID	NO
G112DDD	MW-112	08/02/2000	PROFILE	170.00	170.00	30.00	30.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G112DDD	MW-112	08/02/2000	PROFILE	170.00	170.00	30.00	30.00	8330N	PICRIC ACID	NO
G112DGA	MW-112	08/02/2000	PROFILE	200.00	200.00	60.00	60.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G112DJA	MW-112	08/03/2000	PROFILE	230.00	232.00	90.00	90.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G112DJA	MW-112	08/03/2000	PROFILE	230.00	232.00	90.00	90.00	8330N	NITROGLYCERIN	NO
G113DAA	MW-113	08/01/2000	PROFILE	145.00	145.00	2.20	2.20	8330N	2,6-DINITROTOLUENE	NO
G113DAA	MW-113	08/01/2000	PROFILE	145.00	145.00	2.20	2.20	8330N	PICRIC ACID	NO
G113DBA	MW-113	08/01/2000	PROFILE	150.00	150.00	7.20	7.20	8330N	PICRIC ACID	NO
G113DEA	MW-113	08/04/2000	PROFILE	180.00	180.00	37.20	37.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G113DEA	MW-113	08/04/2000	PROFILE	180.00	180.00	37.20	37.20	8330N	PICRIC ACID	NO
G113DFA	MW-113	08/04/2000	PROFILE	190.00	190.00	47.20	47.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G113DFA	MW-113	08/04/2000	PROFILE	190.00	190.00	47.20	47.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G113DFA	MW-113	08/04/2000	PROFILE	190.00	190.00	47.20	47.20	8330N	PICRIC ACID	NO
G113DGA	MW-113	08/07/2000	PROFILE	200.00	200.00	57.20	57.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G113DGA	MW-113	08/07/2000	PROFILE	200.00	200.00	57.20	57.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G113DHA	MW-113	08/07/2000	PROFILE	210.00	210.00	67.20	67.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G113DHA	MW-113	08/07/2000	PROFILE	210.00	210.00	67.20	67.20	8330N	PICRIC ACID	NO
G113DIA	MW-113	08/07/2000	PROFILE	220.00	220.00	77.20	77.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G113DIA	MW-113	08/07/2000	PROFILE	220.00	220.00	77.20	77.20	8330N	PICRIC ACID	NO
G113DJA	MW-113	08/07/2000	PROFILE	230.00	230.00	87.20	87.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G113DJA	MW-113	08/07/2000	PROFILE	230.00	230.00	87.20	87.20	8330N	PICRIC ACID	NO

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 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/16/00-8/31/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G113DKA	MW-113	08/07/2000	PROFILE	240.00	240.00	97.20	97.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G113DKA	MW-113	08/07/2000	PROFILE	240.00	240.00	97.20	97.20	8330N	PICRIC ACID	NO
G114DCA	MW-114	08/11/2000	PROFILE	100.00	100.00	18.30	18.30	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G114DCD	MW-114	08/11/2000	PROFILE	100.00	100.00	18.30	18.30	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G114DCD	MW-114	08/11/2000	PROFILE	100.00	100.00	18.30	18.30	8330N	NITROGLYCERIN	NO
G114DDA	MW-114	08/14/2000	PROFILE	110.00	110.00	28.30	28.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G114DDA	MW-114	08/14/2000	PROFILE	110.00	110.00	28.30	28.30	8330N	NITROGLYCERIN	NO
G114DDA	MW-114	08/14/2000	PROFILE	110.00	110.00	28.30	28.30	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G114DEA	MW-114	08/14/2000	PROFILE	120.00	120.00	38.30	38.30	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
G114DEA	MW-114	08/14/2000	PROFILE	120.00	120.00	38.30	38.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G114DEA	MW-114	08/14/2000	PROFILE	120.00	120.00	38.30	38.30	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G114DFA	MW-114	08/14/2000	PROFILE	130.00	130.00	48.30	48.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G114DFA	MW-114	08/14/2000	PROFILE	130.00	130.00	48.30	48.30	8330N	NITROGLYCERIN	NO
G114DFA	MW-114	08/14/2000	PROFILE	130.00	130.00	48.30	48.30	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G114DGA	MW-114	08/14/2000	PROFILE	140.00	140.00	58.30	58.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G114DGA	MW-114	08/14/2000	PROFILE	140.00	140.00	58.30	58.30	8330N	NITROGLYCERIN	NO
G114DGA	MW-114	08/14/2000	PROFILE	140.00	140.00	58.30	58.30	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G114DHA	MW-114	08/14/2000	PROFILE	150.00	150.00	68.30	68.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G114DHA	MW-114	08/14/2000	PROFILE	150.00	150.00	68.30	68.30	8330N	NITROGLYCERIN	NO
G114DIA	MW-114	08/14/2000	PROFILE	160.00	160.00	78.30	78.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G114DIA	MW-114	08/14/2000	PROFILE	160.00	160.00	78.30	78.30	8330N	NITROGLYCERIN	NO
G114DJA	MW-114	08/14/2000	PROFILE	170.00	170.00	88.30	88.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G114DKA	MW-114	08/14/2000	PROFILE	180.00	180.00	98.30	98.30	8330N	NITROGLYCERIN	NO
G114DNA	MW-114	08/14/2000	PROFILE	210.00	210.00	128.30	128.30	8330N	PENTAERYTHRITOL TETRANITR/	NO
G115DAA	MW-115	08/16/2000	PROFILE	124.00	124.00	6.00	6.00	8330N	2,6-DINITROTOLUENE	NO
G115DBA	MW-115	08/16/2000	PROFILE	130.00	130.00	12.00	12.00	8330N	2,6-DINITROTOLUENE	NO
G115DCA	MW-115	08/16/2000	PROFILE	140.00	140.00	22.00	22.00	8330N	2,6-DINITROTOLUENE	NO
G115DCD	MW-115	08/16/2000	PROFILE	140.00	140.00	22.00	22.00	8330N	PENTAERYTHRITOL TETRANITR/	NO
G115DDA	MW-115	08/16/2000	PROFILE	150.00	150.00	32.00	32.00	8330N	PENTAERYTHRITOL TETRANITR/	NO
G115DJA	MW-115	08/18/2000	PROFILE	210.00	210.00	92.00	92.00	8330N	2,6-DINITROTOLUENE	NO
G115DJA	MW-115	08/18/2000	PROFILE	210.00	210.00	92.00	92.00	8330N	PICRIC ACID	NO
G118DAA	MW-118	08/24/2000	PROFILE	113.00	113.00	2.00	2.00	OC21V	ACETONE	

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PDA/NO = Photo Diode Array, Detect Not Confirmed

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/16/00-8/31/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G118DAA	MW-118	08/24/2000	PROFILE	113.00	113.00	2.00	2.00	OC21V	CHLOROFORM	
G118DAA	MW-118	08/24/2000	PROFILE	113.00	113.00	2.00	2.00	OC21V	CHLOROMETHANE	
G118DAA	MW-118	08/24/2000	PROFILE	113.00	113.00	2.00	2.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G118DBA	MW-118	08/24/2000	PROFILE	120.00	120.00	9.00	9.00	8330N	2,4,6-TRINITROTOLUENE	YES
G118DBA	MW-118	08/24/2000	PROFILE	120.00	120.00	9.00	9.00	8330N	2,6-DINITROTOLUENE	NO
G118DBA	MW-118	08/24/2000	PROFILE	120.00	120.00	9.00	9.00	8330N	2-NITROTOLUENE	NO
G118DBA	MW-118	08/24/2000	PROFILE	120.00	120.00	9.00	9.00	8330N	4-NITROTOLUENE	NO
G118DBA	MW-118	08/24/2000	PROFILE	120.00	120.00	9.00	9.00	8330N	PICRIC ACID	NO
G118DBA	MW-118	08/24/2000	PROFILE	120.00	120.00	9.00	9.00	OC21V	ACETONE	
G118DBA	MW-118	08/24/2000	PROFILE	120.00	120.00	9.00	9.00	OC21V	CHLOROFORM	
G118DBA	MW-118	08/24/2000	PROFILE	120.00	120.00	9.00	9.00	OC21V	CHLOROMETHANE	
G118DBA	MW-118	08/24/2000	PROFILE	120.00	120.00	9.00	9.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G118DCA	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00	8330N	2,6-DINITROTOLUENE	NO
G118DCA	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00	8330N	3-NITROTOLUENE	NO
G118DCA	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00	8330N	4-NITROTOLUENE	NO
G118DCA	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00	8330N	NITROGLYCERIN	NO
G118DCA	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00	8330N	PICRIC ACID	NO
G118DCA	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00	OC21V	ACETONE	
G118DCA	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00	OC21V	CHLOROFORM	
G118DCA	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00	OC21V	CHLOROMETHANE	
G118DCA	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G118DCD	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00	8330N	2,6-DINITROTOLUENE	NO
G118DCD	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00	8330N	3-NITROTOLUENE	NO
G118DCD	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00	8330N	4-NITROTOLUENE	NO
G118DCD	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00	8330N	NITROGLYCERIN	NO
G118DCD	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00	8330N	PICRIC ACID	NO
G118DCD	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00	OC21V	ACETONE	
G118DCD	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00	OC21V	CHLOROFORM	
G118DCD	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00	OC21V	CHLOROMETHANE	
G118DCD	MW-118	08/25/2000	PROFILE	130.00	130.00	19.00	19.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G118DDA	MW-118	08/25/2000	PROFILE	140.00	140.00	29.00	29.00	8330N	PICRIC ACID	NO
G118DDA	MW-118	08/25/2000	PROFILE	140.00	140.00	29.00	29.00	OC21V	ACETONE	

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/16/00-8/31/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G118DDA	MW-118	08/25/2000	PROFILE	140.00	140.00	29.00	29.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G118DEA	MW-118	08/25/2000	PROFILE	150.00	150.00	39.00	39.00	OC21V	ACETONE	
G118DEA	MW-118	08/25/2000	PROFILE	150.00	150.00	39.00	39.00	OC21V	CHLOROFORM	
G118DEA	MW-118	08/25/2000	PROFILE	150.00	150.00	39.00	39.00	OC21V	CHLOROMETHANE	
G118DEA	MW-118	08/25/2000	PROFILE	150.00	150.00	39.00	39.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G118DED	MW-118	08/25/2000	PROFILE	150.00	150.00	39.00	39.00	8330N	2,4,6-TRINITROTOLUENE	YES
G118DED	MW-118	08/25/2000	PROFILE	150.00	150.00	39.00	39.00	OC21V	ACETONE	
G118DED	MW-118	08/25/2000	PROFILE	150.00	150.00	39.00	39.00	OC21V	CHLOROFORM	
G118DED	MW-118	08/25/2000	PROFILE	150.00	150.00	39.00	39.00	OC21V	CHLOROMETHANE	
G118DED	MW-118	08/25/2000	PROFILE	150.00	150.00	39.00	39.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G118DFA	MW-118	08/28/2000	PROFILE	160.00	160.00	49.00	49.00	OC21V	ACETONE	
G118DFA	MW-118	08/28/2000	PROFILE	160.00	160.00	49.00	49.00	OC21V	CHLOROFORM	
G118DFA	MW-118	08/28/2000	PROFILE	160.00	160.00	49.00	49.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G118DGA	MW-118	08/28/2000	PROFILE	170.00	170.00	59.00	59.00	OC21V	ACETONE	
G118DGA	MW-118	08/28/2000	PROFILE	170.00	170.00	59.00	59.00	OC21V	CHLOROFORM	
G118DGA	MW-118	08/28/2000	PROFILE	170.00	170.00	59.00	59.00	OC21V	METHYL ETHYL KETONE (2-BUTA	

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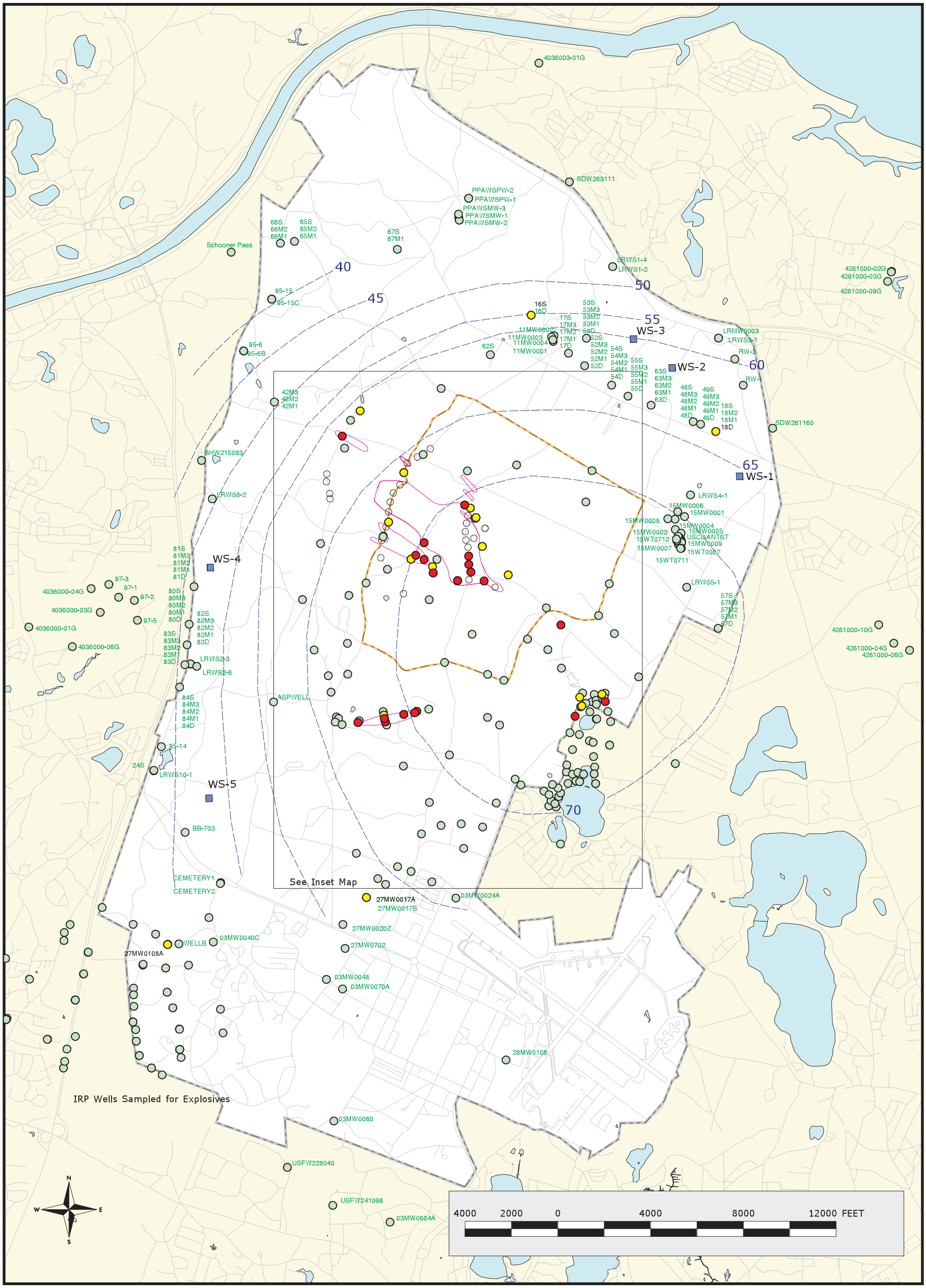


LEGEND

- Validated Detection GTE MCL/HA
- Validated Detection LT MCL/HA
- Validated Non-detect
- No Data Available
- 2.0 ug/l RDX Concentration Contour

Sources & Notes

Base from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPZone 2001, Units: Meters

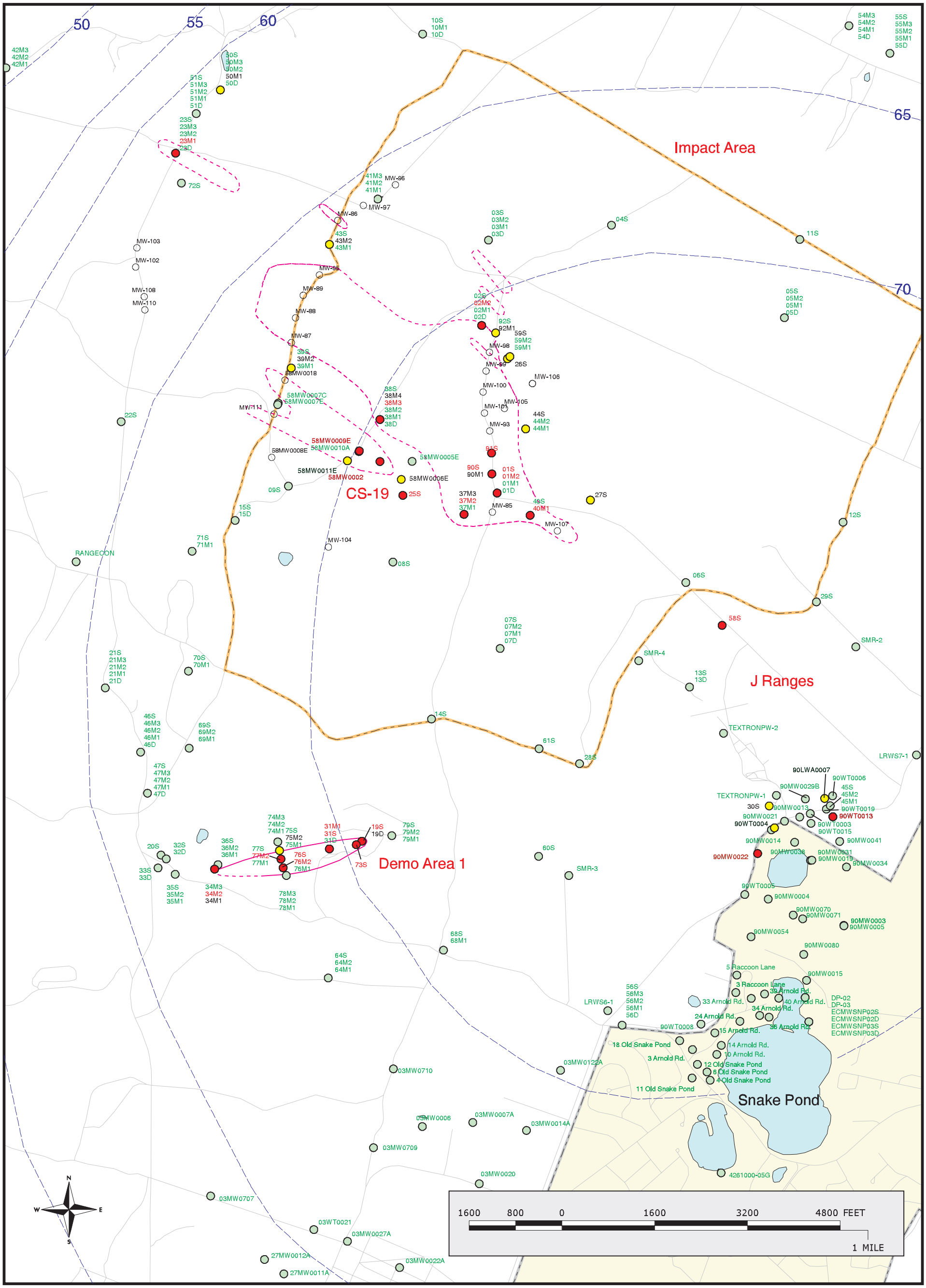
OGDEN September 11, 2000 DRAFT

g:/MMR/al/amls/work/monthly/september2000/exp

Figure 1

Explosives in Groundwater Compared to MCL/HAs Validated Data as of 8/29/00

Analyte Group
1



LEGEND

- Validated Detection GTE MCL/HA
- Validated Detection LT MCL/HA
- Validated Non-detect
- No Data Available
- 2.0 ug/l RDX Concentration Contour

Sources & Notes

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7 1/2 minute Topographic Maps.
Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPZone 2001, Units: Meters

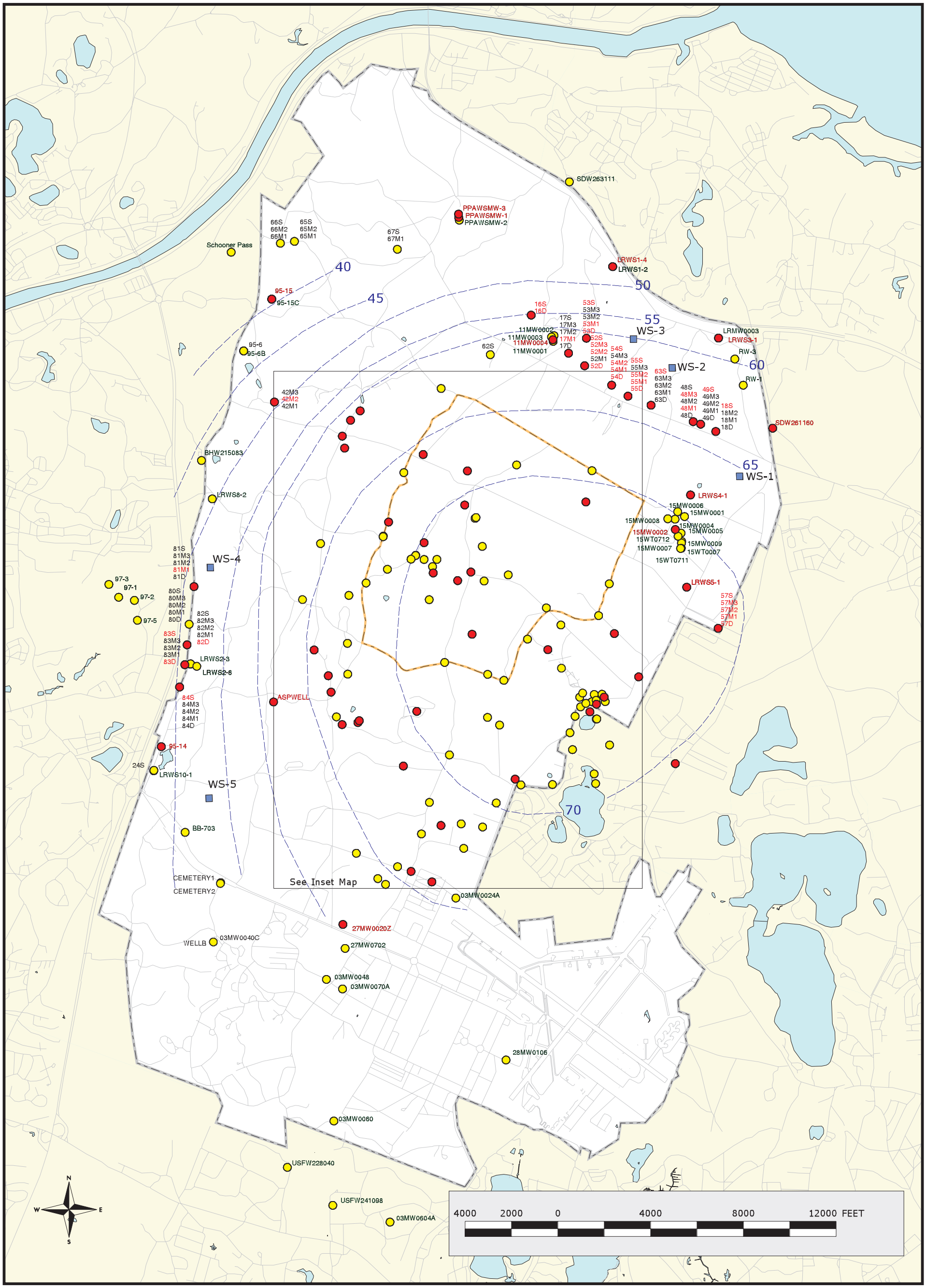
OGDEN September 11, 2000 DRAFT

g:/MMR/al/amls/work/monthly/september2000/exp

Figure 1 - INSET MAP

Explosives in Groundwater Compared to MCL/HAs Validated Data as of 8/29/00

Analyte Group
1



LEGEND

- Validated Detection GTE MCL/HA
- Validated Detection LT MCL/HA
- Validated Non-detect
- No Data Available

Sources & Notes

Base from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPZone 2001, Units: Meters

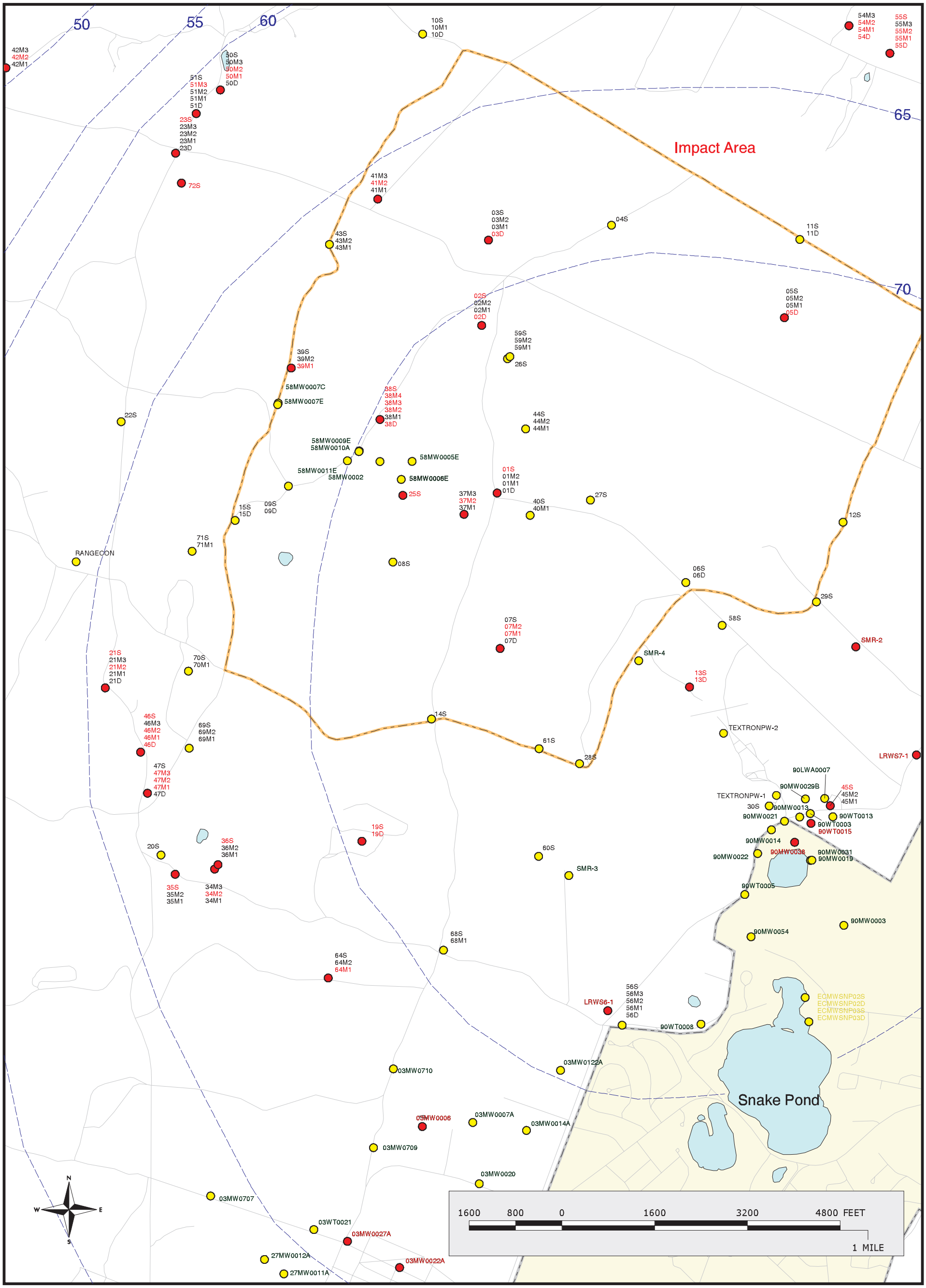
OGDEN September 11, 2000 DRAFT

Figure 2

Metals in Groundwater Compared to MCL/HAs Validated Data as of 8/29/00

Analyte Group
2

g:/MMR/al/amls/work/monthly/september2000/metals



LEGEND

- Validated Detection GTE MCL/HA
- Validated Detection LT MCL/HA
- Validated Non-detect
- No Data Available

Sources & Notes

Base from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPZone 2001, Units: Meters

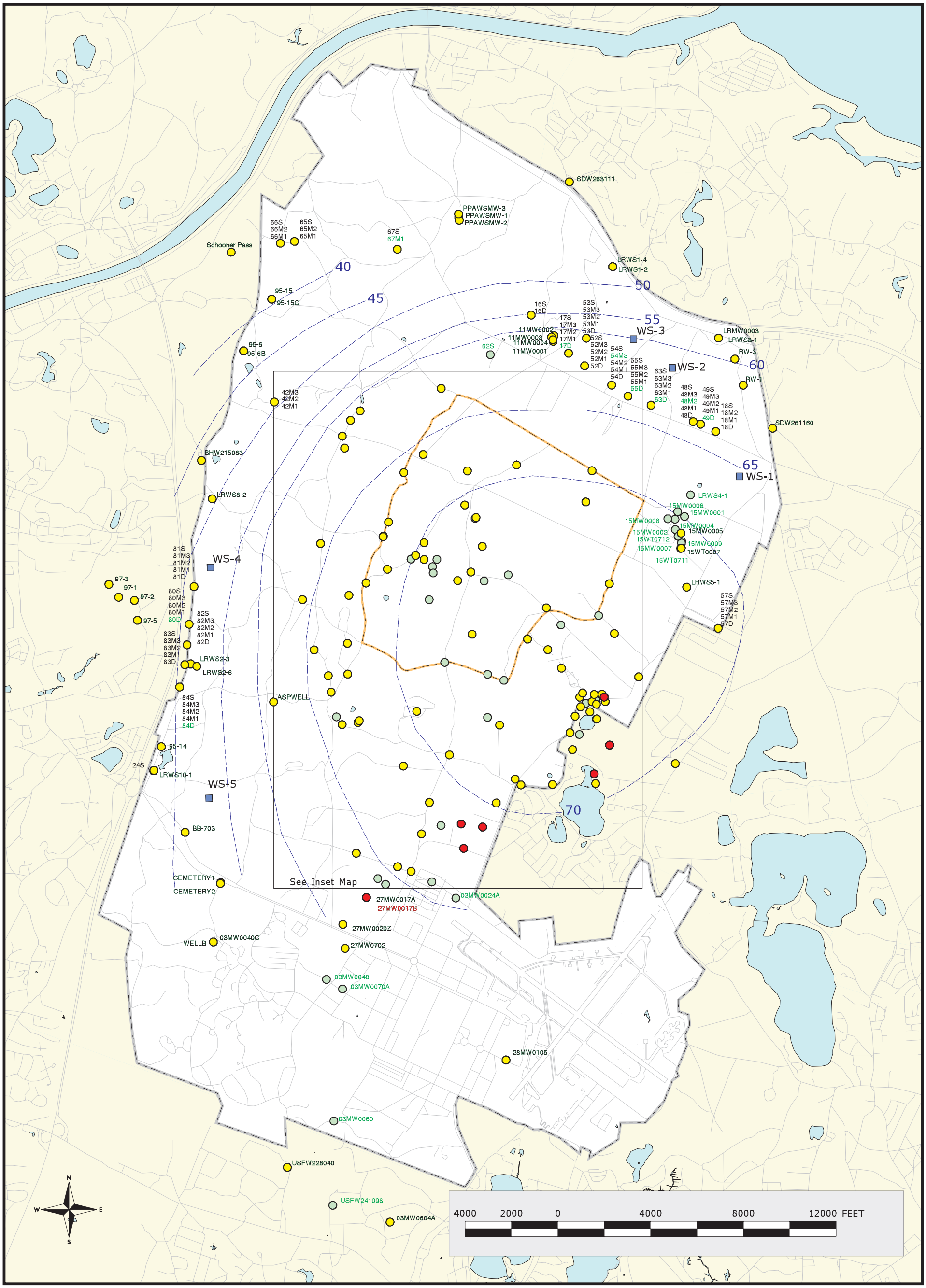
OGDEN September 11, 2000 DRAFT

g:/MMR/al/amls/work/monthly/september2000/metals

Figure 2 - INSET MAP

Metals in Groundwater Compared to MCL/HAs Validated Data as of 8/29/00

Analyte Group
2



LEGEND

- Validated Detection GTE MCL/HA
- Validated Detection LT MCL/HA
- Validated Non-detect
- No Data Available

Sources & Notes

Base from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPZone 2001, Units: Meters

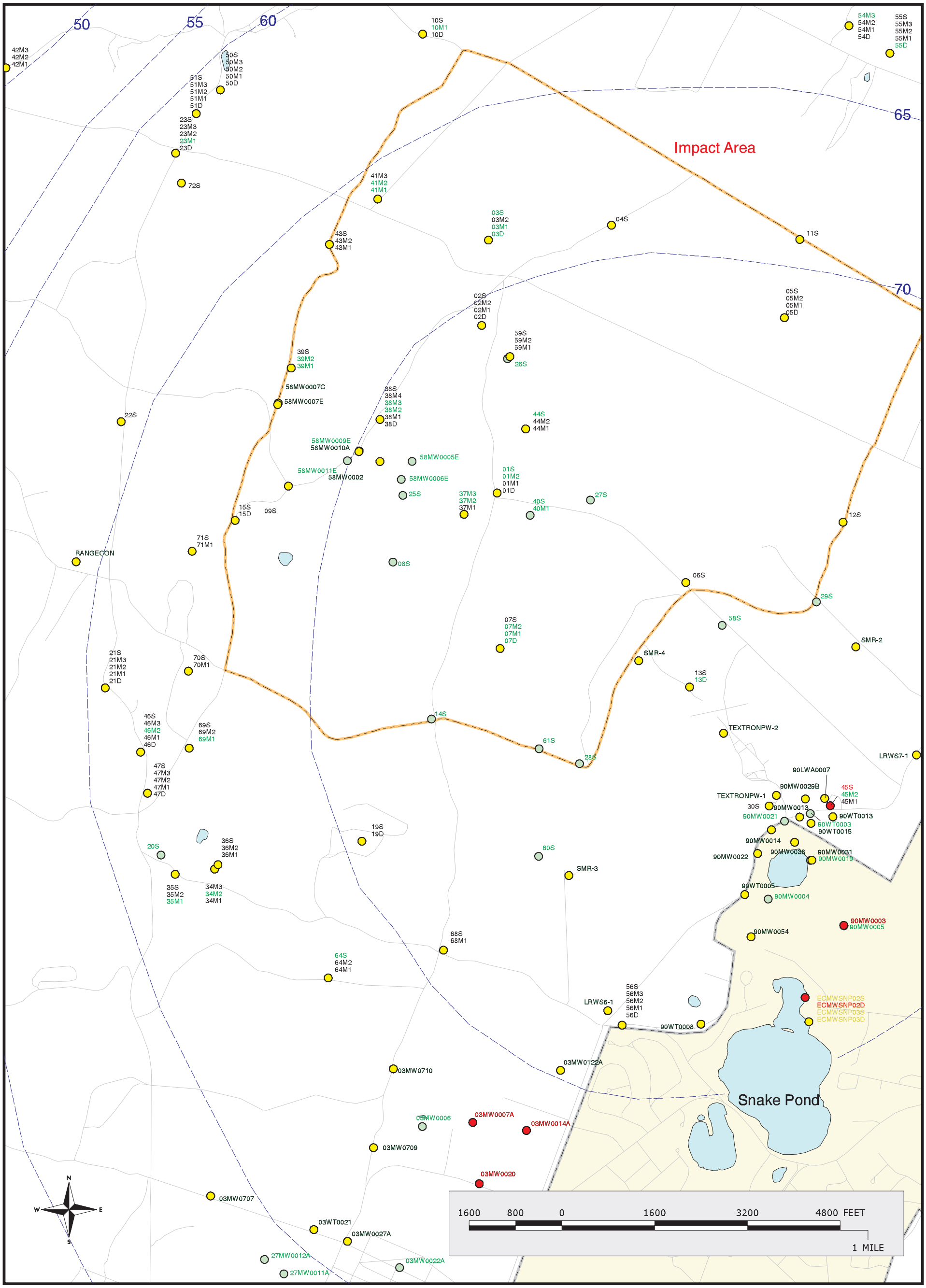
OGDEN September 11, 2000 DRAFT

Figure 3

VOCs in Groundwater Compared to MCL/HAs Validated Data as of 8/29/00

Analyte Group
3

g:/MMR/al/amls/work/monthly/september2000/voc



LEGEND

- Validated Detection GTE MCL/HA
- Validated Detection LT MCL/HA
- Validated Non-detect
- No Data Available

Sources & Notes

Base from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPZone 2001, Units: Meters

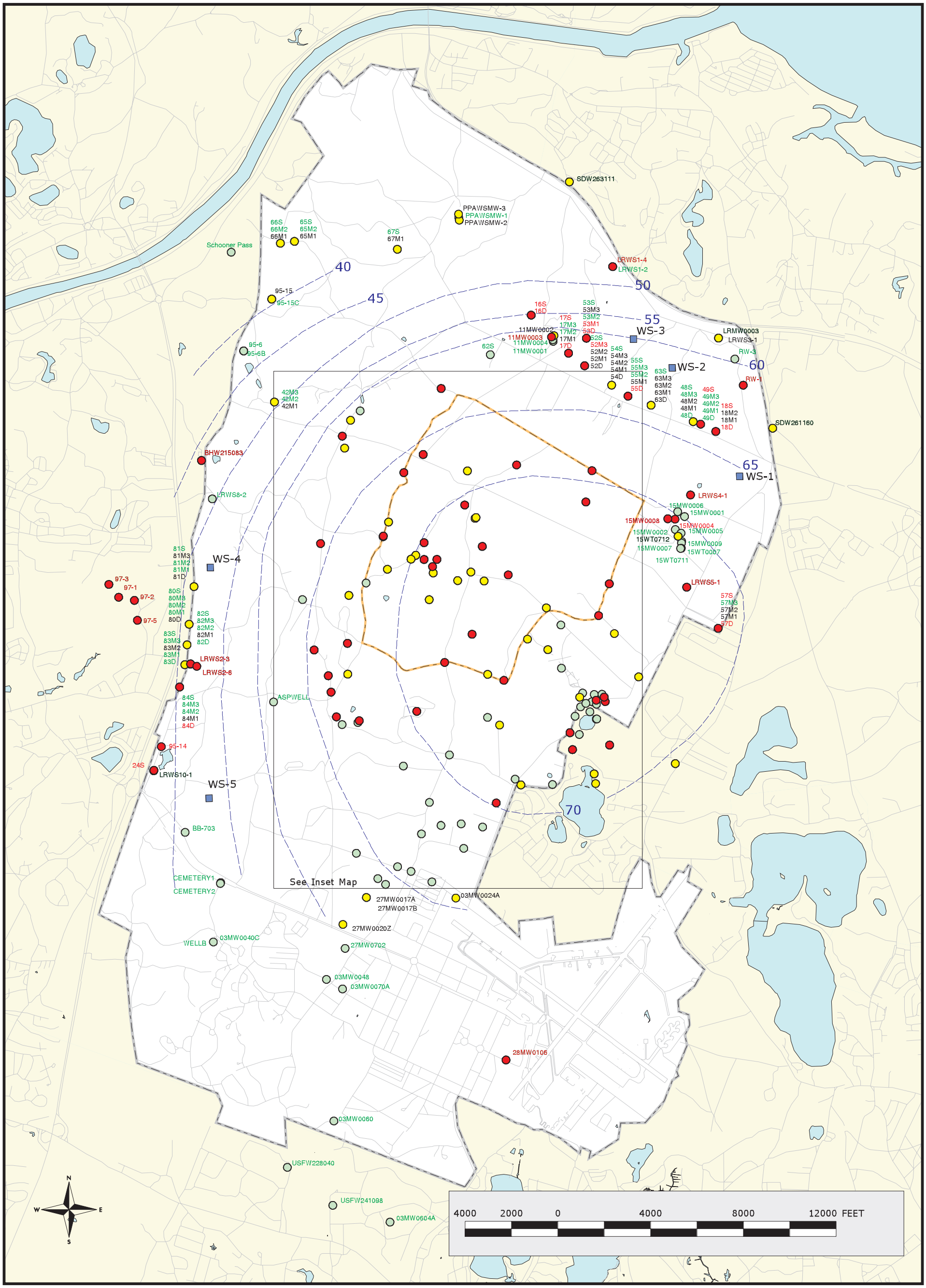
OGDEN September 11, 2000 DRAFT

g:/MMR/al/amls/work/monthly/september2000/voc

Figure 3 - INSET MAP

VOCs in Groundwater Compared to MCL/HAs Validated Data as of 8/29/00

Analyte Group
3



LEGEND

- Validated Detection GTE MCL/HA
- Validated Detection LT MCL/HA
- Validated Non-detect
- No Data Available

Sources & Notes

Base from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPZone 2001, Units: Meters

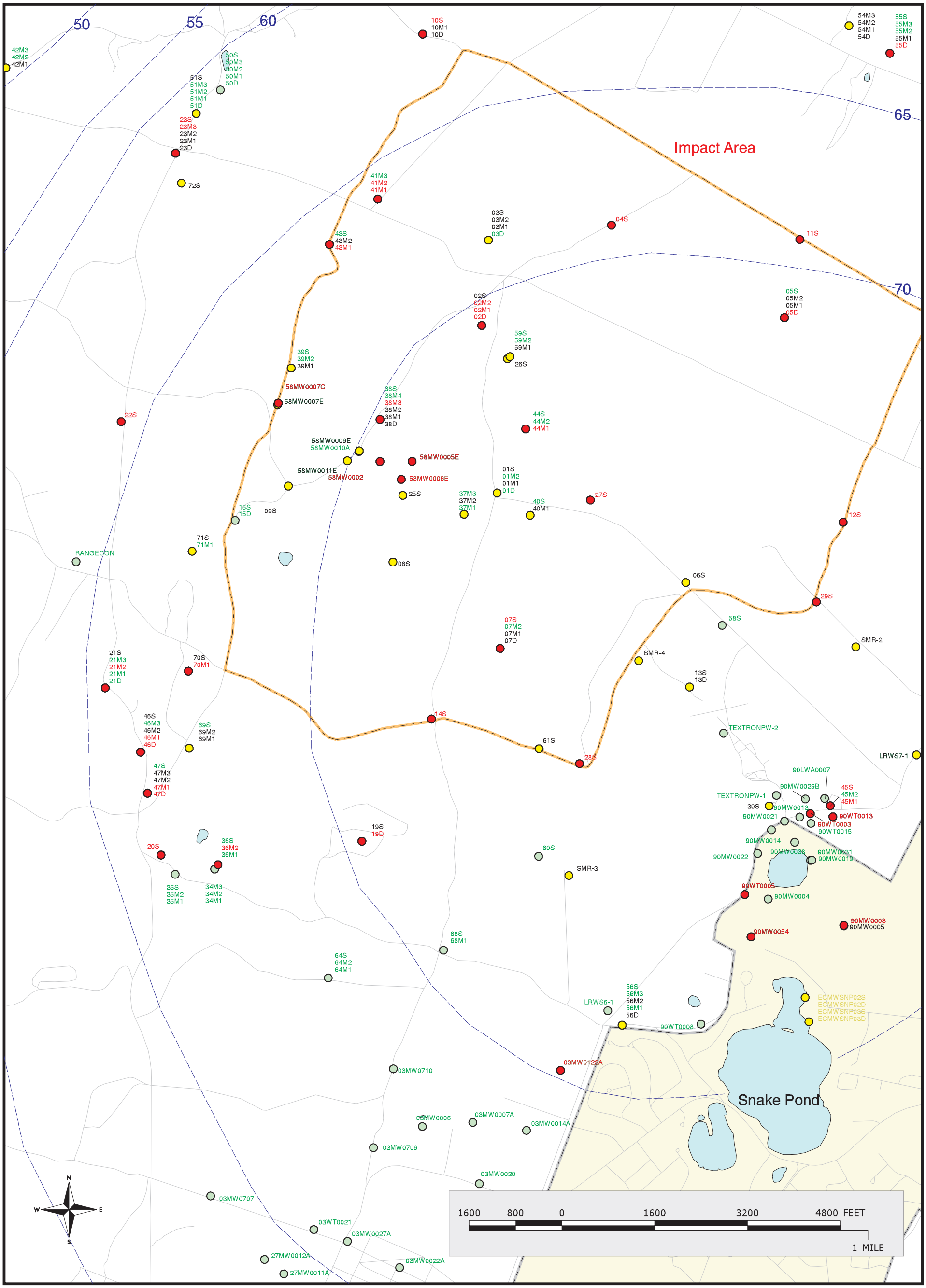
OGDEN September 11, 2000 DRAFT

Figure 4

SVOCs in Groundwater Compared to MCL/HAs Validated Data as of 8/29/00

Analyte Group
4

g:/MMR/al/amls/work/monthly/september2000/svoc



LEGEND

- Validated Detection GTE MCL/HA
- Validated Detection LT MCL/HA
- Validated Non-detect
- No Data Available

Sources & Notes

Base from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPZone 2001, Units: Meters

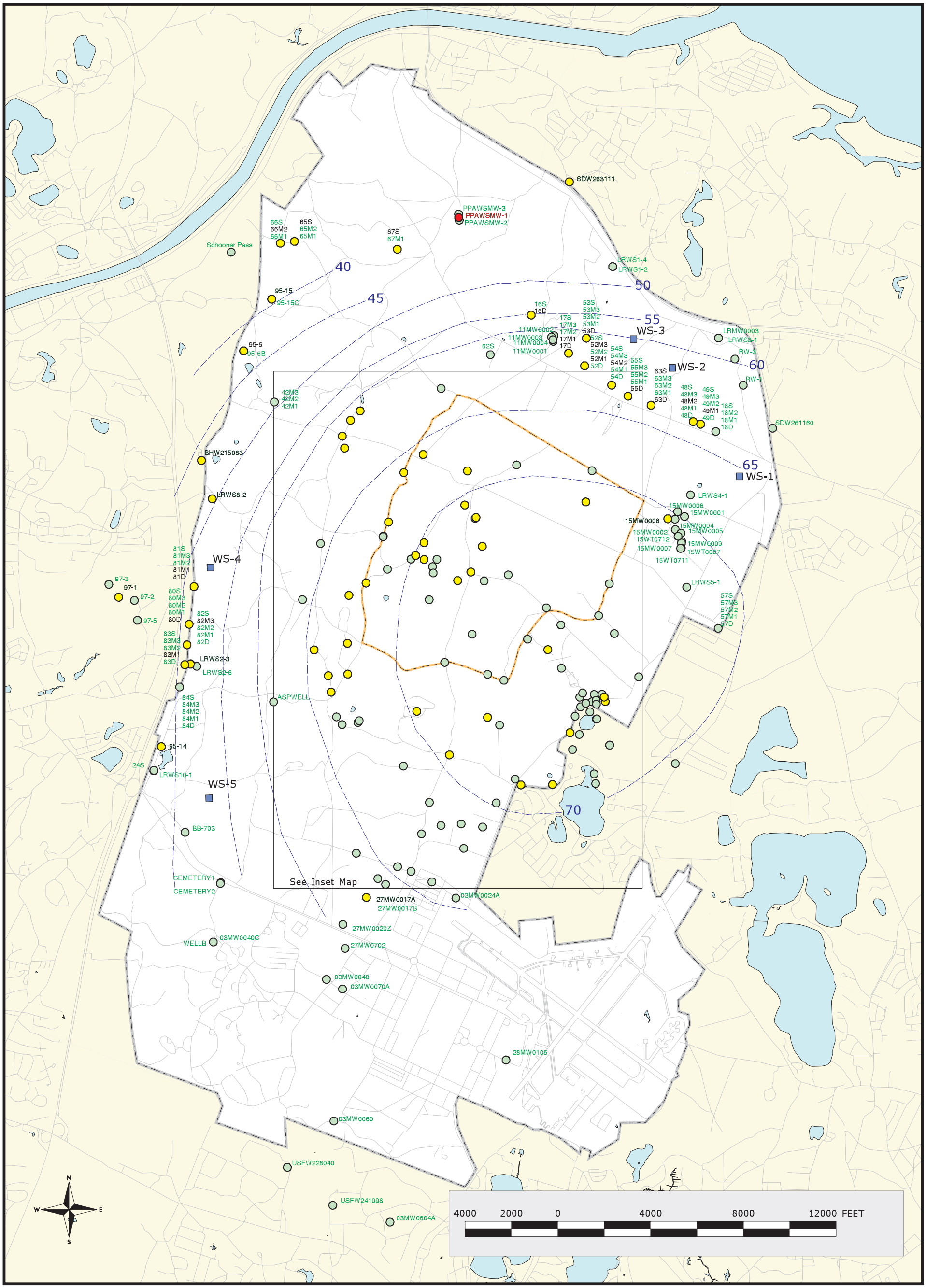
OGDEN September 11, 2000 DRAFT

g:/MMR/al/amls/work/monthly/september2000/svoc

Figure 4 - INSET MAP

SVOCs in Groundwater Compared to MCL/HAs Validated Data as of 8/29/00

Analyte Group
4



LEGEND

- Validated Detection GTE MCL/HA
- Validated Detection LT MCL/HA
- Validated Non-detect
- No Data Available

Sources & Notes

Base from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPZone 2001, Units: Meters

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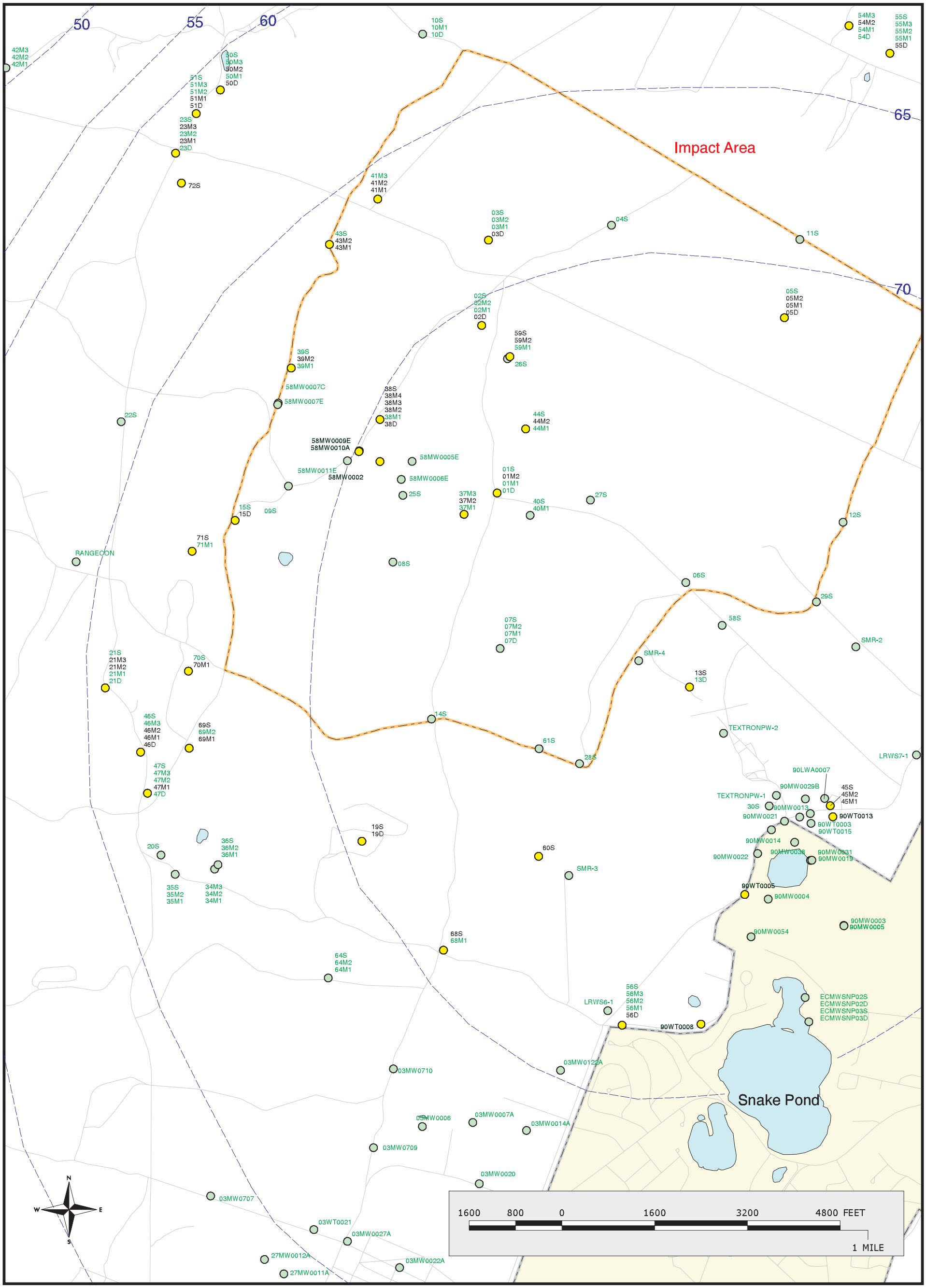
Figure 5

Herbicides and Pesticides in Groundwater Compared to MCL/HAs Validated Data as of 8/29/00

Analyte Group
5

g:/MMR/al/amls/work/monthly/september2000/pest



LEGEND

- Validated Detection GTE MCL/HA
- Validated Detection LT MCL/HA
- Validated Non-detect
- No Data Available

Sources & Notes

Base from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPZone 2001, Units: Meters

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Figure 5 - INSET MAP

Herbicides and Pesticides in Groundwater Compared to MCL/HAs Validated Data as of 8/29/00

Analyte Group
5

g:/MMR/al/amls/work/monthly/september2000/pest

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Site Characterization (AO1)					
Demo Area 1					
00110	Demo 1 Soil/GW Investigation		0	14OCT99A	23MAR00A
00120	Demo 1 Soil/GW Report Preparation		0	09MAR00A	08JUN00A
00130	Demo 1 Draft Soil/GW Report	YES	0		08JUN00A
00140	Demo 1 Revise Draft Report		17	14MAR00A	02OCT00
00150	Demo 1 Final Soil/GW Report	YES	0		02OCT00
00160	Demo 1 Geophysics Investigation		0	05JAN00A	15JUN00A
00170	Demo 1 Geophysics Presentation		0		15JUN00A
Central Impact Area					
00210	Impact Area Planning		0	23AUG99A	24JAN00A
00220			0	05JAN00A	
00230	Impact Area Investigation		0	05JAN00A	27JUL00A
00240	Impact Area Report Preparation		25	13JUL00A	12OCT00
00250	Impact Area Draft Report	YES	0		12OCT00
00260	Impact Area Revise Draft Report		83*	13OCT00	12FEB01
00270	Impact Area Final Report	YES	0		12FEB01
J-2 Range					
00310	J-2 Range Planning		0	08FEB00A	07APR00A
00320	J-2 Range Draft Workplan	YES	0		07APR00A
00330	J-2 Range Rev. Draft Workplan		0	10APR00A	01AUG00A
00340	J-2 Range Final Workplan		0		01AUG00A
00350	J-2 Range Start Data Collection	YES	0	05JUL00A	
00360	J-2 Range Investigation		42	05JUL00A	06NOV00
00365	J-2 Range Geophysics Investigation				
00367	J-2 Range Geophysics Presentation		0		13OCT00*
00370	J-2 Range Report Preparation		62	23OCT00	22JAN01
00380	J-2 Range Draft Report	YES	0		22JAN01
00390	J-2 Range Revise Draft Report		82	23JAN01	17MAY01
00391	J-2 Range Final Report	YES	0		17MAY01
J-1/J-3 Range					
00400	Prepare Response Plan for RDX		0	01DEC99A	16FEB00A
00401	Draft Response Plan for RDX		0		16FEB00A
00402	Revise Response Plan for RDX		0	17FEB00A	29MAR00A
00403	Final Response Plan for RDX		0		29MAR00A
00404	Implement Response Plan for RDX		0	30MAR00A	30MAY00A
00405	Review RP Results & Plan Follow-up				
00410	J-1/J-3 Range Planning		0	06DEC99A	21APR00A
00420	J-1/J-3 Range Draft Workplan	YES	0		21APR00A
00430	J-1/J-3 Range Rev. Draft Workplan				
00440	J-1/J-3 Range Final Workplan		0		25AUG00A
00450	J-1/J-3 Range Start Data Cllctn	YES	0	26JUL00A	

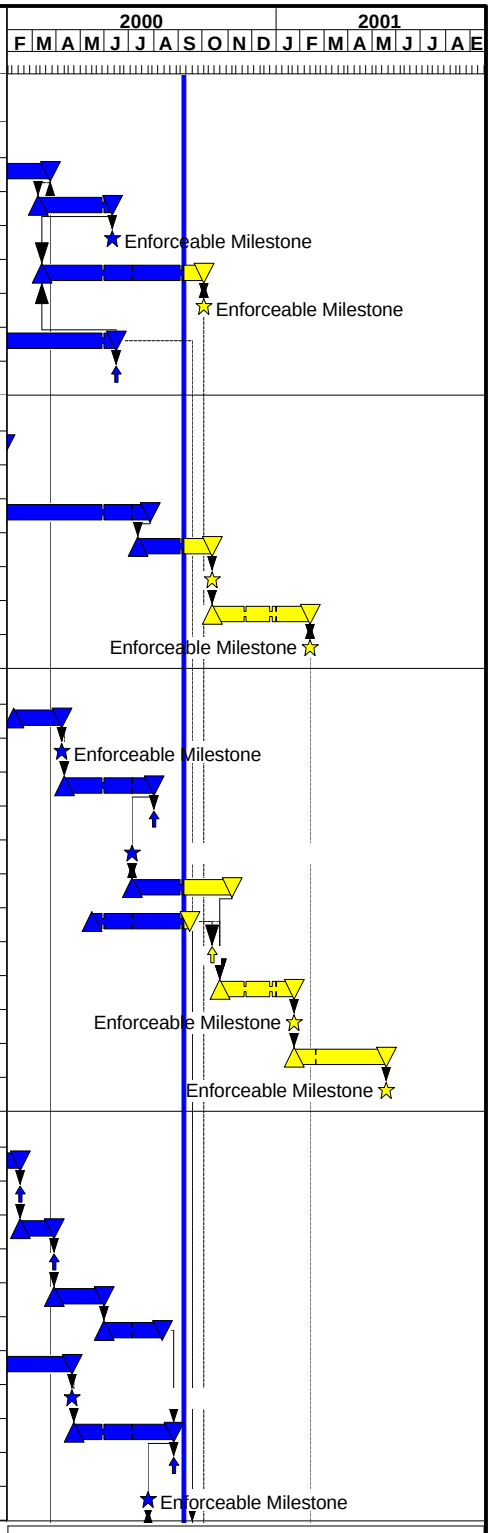

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Figure 6. Combined Schedule for MMR IAGWSP, Munitions Survey, and RRA as of 9/8/00

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
J-1/J-3 Range					
00460	J-1/J-3 Range Investigation		57	26JUL00A	29NOV00
00465	J-1/J-3 Range Geophys. Investigation		6	15MAY00A	15SEP00
00467	J-1/J-3 Range Geophys. Presentation		0		13OCT00*
00470	J-1/J-3 Range Report Preparation		62	13NOV00	12FEB01
00480	J-1/J-3 Range Draft Report	YES	0		12FEB01
00490	J-1/J-3 Range Rev. Draft Report		81	13FEB01	07JUN01
00491	J-1/J-3 Range Final Report	YES	0		07JUN01
Gun/Mortar Positions					
00510	Gun/Mortar Investigation		0	30AUG99A	17APR00A
00515	Gun/Mortar Geophys. Presentation		0		23MAR00A
00520	Gun/Mortar Report Preparation		0	24MAR00A	07JUL00A
00530	Gun/Mortar Draft Report	YES	0		07JUL00A
00540	Gun/Mortar Rev. Draft Report		30	10JUL00A	19OCT00
00550	Gun/Mortar Final Report	YES	0		19OCT00
Trenches, Bunkers, Ground Scars					
00610	Trenches Draft Workplan		0	04OCT99A	
00620	Trenches Rev. Draft Workplan		0	05OCT99A	06DEC99A
00630	Trenches Final Workplan		0		06DEC99A
00640	Trenches Start Data Collection	YES	0	06DEC99A	
00650	Trenches Investigation		0	06DEC99A	13MAR00A
00660	Trenches Report Preparation		0	28FEB00A	23MAY00A
00670	Trenches Draft Report	YES	0		23MAY00A
00680	Trenches Revise Draft Report		7	24MAY00A	18SEP00
00690	Trenches Final Report	YES	0		18SEP00
Mortar Targets					
00710	Mortar Targets Draft Workplan		0	04OCT99A	
00720	Mortar Targets Revise Draft Workplan		0	05OCT99A	03DEC99A
00730	Mortar Targets Final Workplan		0		03DEC99A
00740	Mortar Targets Start Data Cllctn	YES	0	06DEC99A	
00750	Mortar Targets Investigation		0	06DEC99A	23JUN00A
00760	Mortar Targets Report Preparation		0	18MAY00A	02AUG00A
00770	Mortar Targets Draft Report	YES	0		02AUG00A
00780	Mortar Targets Rev. Draft Report		55	03AUG00A	27NOV00
00790	Mortar Targets Final Report	YES	0		27NOV00
Training Areas					
00810	Training Areas Planning		0	01APR99A	22JUL99A
00820	Training Areas Draft Workplan		0		22JUL99A
00830	Training Areas Rev. Draft Workplan		0	23JUL99A	23MAR00A
00840	Training Areas Final Workplan	YES	0		23MAR00A
00850	Training Areas Start Data Cllctn	YES	0	20MAR00A	
00860	Training Areas Investigation		34	20MAR00A	25OCT00

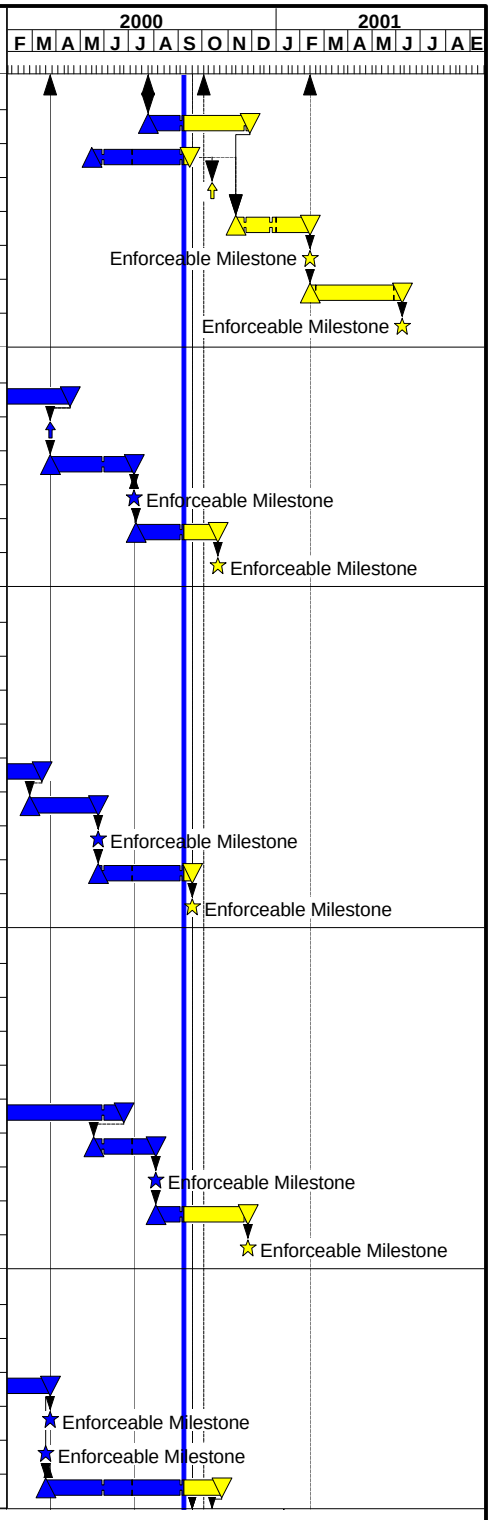

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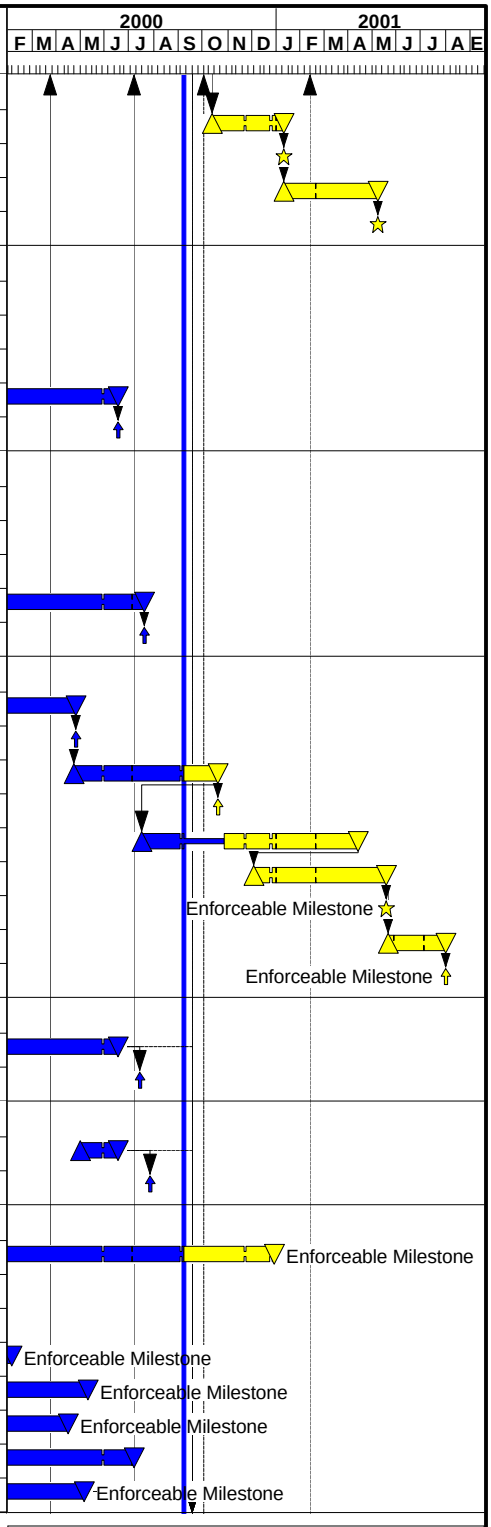
Figure 6. Combined Schedule for MMR IAGWSP, Munitions Survey, and RRA as of 9/8/00

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Training Areas					
00870	Training Areas Report Preparation		62	12OCT00	11JAN01
00880	Training Areas Draft Report	YES	0		11JAN01
00890	Training Areas Rev. Draft Report		81	12JAN01	07MAY01
00895	Training Areas Final Report	YES	0		07MAY01
KD/U Ranges					
00910	KD/U Investigation		0	10MAY99A	18OCT99A
00920	KD/U Report Preparation		0	27SEP99A	03NOV99A
00930	KD/U Draft Report		0		03NOV99A
00940	KD/U Revise Draft Report		0	04NOV99A	16JUN00A
00950	KD/U Final Report		0		16JUN00A
J-3 Wetland					
01010	J-3 Wetland Investigation		0	15APR99A	18MAY99A
01020	J-3 Wetland Report Preparation		0	13MAY99A	04NOV99A
01030	J-3 Wetland Draft Report		0		04NOV99A
01040	J-3 Wetland Revise Draft Report		0	05NOV99A	20JUL00A
01050	J-3 Wetland Final Report		0		20JUL00A
High Use Target Area 1					
01110	HUTA Planning		0	10JAN00A	24APR00A
01120	HUTA Draft Workplan		0		24APR00A
01130	HUTA Revise Draft Workplan		31	24APR00A	20OCT00
01140	HUTA Final Workplan		0		20OCT00
01160	HUTA Investigation		116	17JUL00A	13APR01
01170	HUTA Report Preparation		117	04DEC00	18MAY01
01180	HUTA Draft Report	YES	0		18MAY01
01190	HUTA Revise Draft Report		50	21MAY01	31JUL01
01195	HUTA Final Report	YES	0		31JUL01
Water Bodies					
01210	Water Body Geophys. Investig.		0	19NOV99A	16JUN00A
01220	Water Body Geophys. Present.		0		13JUL00A
Slit Trench					
01310	Slit Trench Geophys. Investig.		0	01MAY00A	16JUN00A
01320	Slit Trench Geophys. Present.		0		27JUL00A
Groundwater Monitoring Programs					
08100	Water Supply (Qrtrly & Annual)	YES	78	12JUL99A	29DEC00
08110	Phase I Wells	YES	0	01SEP97A	30NOV99A
08120	Far Field Group 1 Wells	YES	0	17FEB99A	22NOV99A
08130	Supplemental IRP Wells	YES	0	08APR99A	04FEB00A
08140	Phase II (a) Wells	YES	0	30MAR99A	11MAY00A
08150	Far Field Group 2 Wells	YES	0	21SEP99A	14APR00A
08160	Far Field New Group 2 Wells		0	21OCT99A	07JUL00A
08170	Gun/Mortar Position Wells	YES	0	01NOV99A	04MAY00A



Project Start 29FEB00
Project Finish 07NOV02
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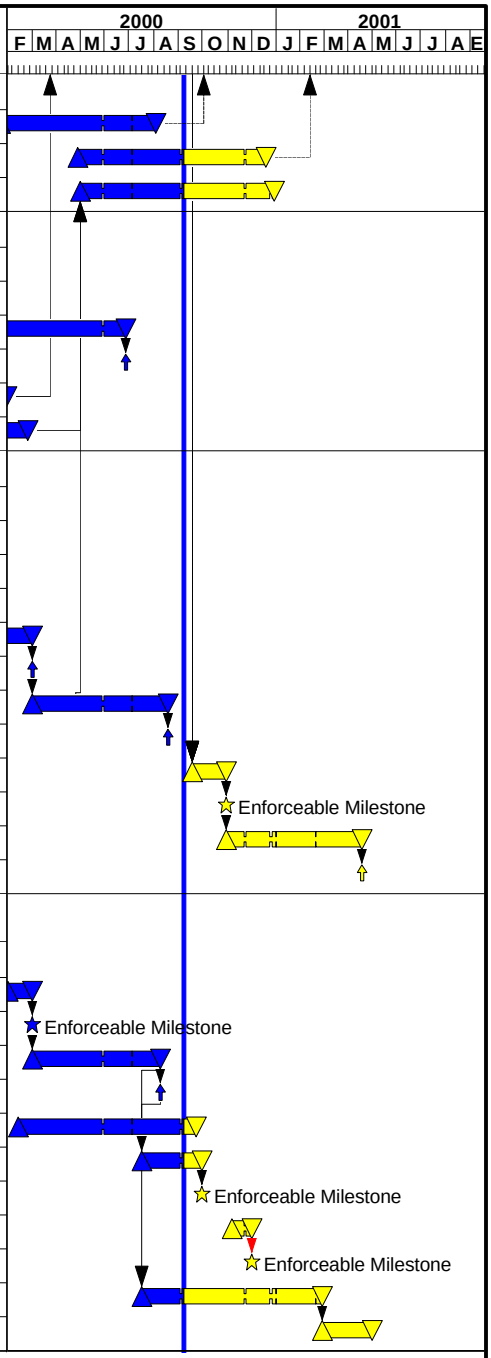
Figure 6. Combined Schedule for MMR IAGWSP, Munitions Survey, and RRA as of 9/8/00

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Groundwater Monitoring Programs					
08180	Demo 1 1999 Response Wells		0	20JAN00A	03AUG00A
08190	Impact Area 2000 Response Wells		70	28APR00A	18DEC00
08200	CY 2000 Interim LT Monitoring		78	02MAY00A	29DEC00
Analytical Methods					
08510	Draft PEP Report Preparation		0	05NOV98A	30NOV98A
08520	Draft PEP Report	YES	0		30NOV98A
08530	Revise Draft PEP Report		0	01DEC98A	26JUN00A
08540	Final PEP Report		0		26JUN00A
08560	Scoping Dioxin Method		0	01DEC99A	27JAN00A
08570	Scoping Perchlorate Method		0	06OCT99A	24FEB00A
Reports					
09160	Phase II Interim Results Preparation		0	01SEP99A	01NOV99A
09170	Phase II Interim Results Report		0		01NOV99A
09180	Background GW Report Prep		0	01NOV99A	10DEC99A
09190	Draft Background GW Report		0		10DEC99A
09200	Draft ILTGM Plan Preparation		0	06JAN00A	01MAR00A
09210	Draft ILTGM Plan		0		02MAR00A
09220	Revise Draft ILTGM Plan		0	02MAR00A	18AUG00A
09230	Final ILTGM Plan		0		18AUG00A
09280	Draft Geophys. Report Prep.		31	18SEP00*	30OCT00
09290	Draft Geophysics Report	YES	0		30OCT00
09300	Revise Draft Geophysics Report		116	31OCT00	17APR01
09310	Final Geophysics Report		0		17APR01
Rapid Response Actions (AO3)					
Group 1 (KD, J-3, GP-16, APC)					
10110	RRA Workplan Preparation		0	31JAN00A	01MAR00A
10120	Draft RRA Workplan	YES	0		01MAR00A
10130	Revise Draft RRA Workplan		0	02MAR00A	07AUG00A
10140	Final RRA Workplan		0		07AUG00A
10150	Pre-RRA Implementation		11	14FEB00A	22SEP00
10155	RRA Source Control		16	17JUL00A	29SEP00
10160	RRA Source Control Complete	YES	0		29SEP00
10170	RRA Site Restoration		16	08NOV00*	01DEC00
10180	RRA Site Restoration Complete	YES	0		01DEC00
10190	RRA Innovative Treatment		118	17JUL00A	27FEB01
10195	RRA Completion of Work Report		45	28FEB01	01MAY01



Project Start 29FEB00
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Figure 6. Combined Schedule for MMR IAGWSP, Munitions Survey, and RRA as of 9/8/00