MONTHLY PROGRESS REPORT #38
FOR MAY 2000

EPA REGION I ADMINISTRATIVE ORDER SDWA I-97-1019
MASSACHUSETTS MILITARY RESERVATION
TRAINING RANGE AND IMPACT AREA

The following summary of progress is for the period from May 1 to May 31, 2000. Scheduled actions are for the six-week period ending July 14, 2000.

1. SUMMARY OF ACTIONS TAKEN

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

Table 1. Drilling progress for May 2000

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-99	Impact Area Response Well (P-3)	220	85	133-143 195-205
MW-100	Impact Area Response Well (P-4)	214	80	164-174 179-189
MW-101	Impact Area Response Well (P-5)	220	87	131-141 158-168
MW-102	Impact Area Response Well (P-21)	325	178	145-155 237-247 267-277
MW-103	Impact Area Response Well (P-17)	310	166	
MW-104	Target 9 Well	220	100	118-128 135-145 155-165
MW-105	Impact Area Response Well (P-19)	132		
MW-106	Impact Area Response Well (P-18)	12		

bgs = below ground surface
bwt = below water table

Monitoring wells were completed at MW-99 (Impact Area response well P-3), MW-100 (Impact Area response well P-4), MW-101 (Impact Area response well P-5), MW-102 (Impact Area response well P-21), and MW-104 (Target 9). Drilling continued on Drilling commenced on MW103 (Impact Area response well P-17), MW-105 (Impact Area response well P-19), and MW-106 (Impact Area response well P-18). Well development continued for newly installed wells. UXO clearance continued on Impact Area response well pads, the KD Range well pad, and the ground scars, bunkers, and trenches. UXO clearance was also competed on the Rapid Response Grids in the KD Range, APC, GP-7, and Area 2. UXO located at drill pads for P-18, P-19, and P-20, at the J-2 Range, and at Bunker 3 were detonated on 5/2/00. Additional UXO located at J-2 Range were detonated on 5/18/00.

Samples collected during the reporting period are summarized in Table 2. Soil samples were collected from the craters of the UXO detonated on 5/2/00 at the P-18 pad, P-19 pad, P-20 pad, Bunker 3, and the J-2 Range. One soil sample was collected from the crater of the UXO detonated on 5/18/00 at the J-2 Range. Groundwater sampling continued for the third round of Gun and Mortar Position wells. Groundwater sampling was completed for the second round of the new Demo 1 wells and the quarterly

sampling of water supply wells. Groundwater sampling commenced for the Long Term Monitoring wells and Impact Area response wells. Groundwater split samples were collected from Jacobs from the four Snake Pond drive points and wells 90MW0080 and 90MW0003. Groundwater split samples were collected from the residential wells at Raccoon Lane, Old Snake Pond Road, and Arnold Road. Groundwater profile samples were collected from MW-100 (P-4), MW-101 (P-5), and MW-102 (P-21), MW-103 (P-17), and MW-104 (Target 9). Deep soil samples were collected during drilling at the borings for MW-100, MW-101, MW-102, MW-103, MW-104, MW-105 (P-19), and MW-106 (P-18). Shallow soil samples (0'-0.5' and 1.5'-2') were collected from MW-94, MW-102, MW-104, and MW-105. Soil samples were collected from the four Gun and Mortar control grids (Areas 96-99). A sample of chipped brush from the Demo 1 vegetation clearance was collected. Soil samples were collected from Rapid Response Action grids in the KD Range, the APC, the J-3 Wetland, GP-7, and Area 2.

EPA convened a meeting of the Impact Area Review Team on May 17. Topics for the meeting included an IAGS Update, Textron's proposed investigation of J-1/J-3 Ranges, Controlled Detonation Chamber Update, Public Information Team Services, and Small Arms Range Discussion. The next meeting was scheduled for June 28.

The Guard, EPA, and MADEP had a meeting on May 4 to discuss technical issues, including the following:

- There was no CS-19 Investigation update.
- There was no Water Supply Investigation Update.
- Tetra Tech presented an update of the Munitions Survey Investigation. UXO personnel continue working in the J-2 Range. The J Range workplan Record of Environmental Consideration (REC) has been approved, and the vegetation clearance is ready to begin. EPA indicated that they should have comments on Appendix C by next week and on the work plan the following week. Surveyors will be back on Friday to do the slit trench and one remaining water body. Geophysical contractor to start the water bodies next week and the slit trench after.
- Ogden presented an update of the Rapid Response Action. Responses to comments, revised schedule, and the Field Sampling Plan will be delivered to the agencies electronically today. UXO avoidance was completed at J-3 Wetland, KD Range, and the APC. The draft Notice of Intent for J-3 Wetland will be delivered to the Guard on Monday to discuss with the Sandwich Conservation Commission. The Guard asked if the EPA would like to attend the meeting. The EPA indicated that they would if the Guard thought it would help. The current schedule shows the soil sampling starts May 15th. There was a discussion of revised cleanup standards for 2,4-DNT and metals. Ogden indicated that the cleanup standard for 2,4-DNT is still proposed to be 700 ppb based on the MCP standard and the apparent lack of groundwater impacts. Ogden estimated that lowering the standard to the Method 2 calculation (52 ppb) would result in a cleanup volume of 10,000 CY for the RRA gun positions, plus more for other gun positions. Ogden suggested that if additional cleanup of 2,4-DNT needs to be done it could be handled under the FS/RD/RA, rather than the RRA. Ogden indicated that the proposed cleanup standard for lead will be 300 ppm, copper will be 1,000 ppm, cadmium will be 30 ppm, and barium will be 1,000 ppm. The EPA indicated that they would evaluate the proposed cleanup standards and respond as soon as possible. EPA asked the Guard to consider using an XRF in the field for the metals analysis.
- Ogden presented an update of the Groundwater investigation. Currently drilling on MW-100 (P-4) and MW101 (P-5). The next scheduled locations for drilling are Target 9 and P-21. Continue to develop the newly installed monitoring wells. Groundwater sampling of the remaining round 3 Gun and Mortar Wells, the Long Term Monitoring wells, round 2 of the Demo 1 wells, and the Impact Area Response wells. UXO contractor has finished the trenches and Impact Area Response well pads. EPA asked for the status of the survey and backtracks from the response wells. Ogden

indicated that the surveyor was on site last week and is scheduled to provide data next week. Once the ground surface elevation is received the information will be provided to the USGS for backtracking. EPA asked the status of the popper kettle. The Guard indicated that they are going to clean out the contents next week and are trying to decide if they will remove the kettle.

- The IART agenda items were discussed. The agenda will include the IAGS Update, the J Range Workplans, the CDC, the Public Information Team, and the SAR Firing Investigation. There will be an inventory of the items for disposal in the CDC. EPA requested a technical person from Demil to be at the IART meeting. The Guard requested that they move the 3rd party facilitator discussion to the beginning.
- The Small Arms Range revised sampling plan was sent to agencies last Thursday and included air monitoring during a firing event, soil sampling after a firing event, and metals added to the analyte list. EPA suggested that the well installation and groundwater sampling be put on hold until after the results of the soil sampling are received. EPA indicated that the plan needs to state that one of the ranges to be investigated will be a M-16 Range. EPA indicated that Dr. Feigenbaum requested that soil samples be collected prior to live firing. It was agreed that the contaminants of concern are not mobile and if they were the result of firing they would be there regardless of the duration from the last firing event.
- The responses to the PEP Report comments were discussed. EPA indicated that the use of the white phosphorus method was acceptable. EPA noted several changes on the proposed change pages. EPA asked if there was an update on procuring standards for new analytes. Ogden indicated that the laboratory was having trouble locating a standard for di-nitroglycerols (1,2- and 1,3-dinitroglycerol) and 1- and 2-mono-nitroglycerol. In the worst case these compounds would be treated as a TIC where the data validator could compare the spectra.
- The responses to KD and U Range comments were discussed. EPA suggested that they agree to disagree on EPA General Comments 1, 2, and 3. EPA noted the following regarding responses to specific comments:

  Specific Comment 5 - The last sentence of paragraph 2 needs to be revised to reflect uncertainty.
  Specific Comment 13 - EPA indicated that the first statement in the response answers the question and all the other information is unnecessary. Ogden indicated that the other information was provided because EPA asked the Guard to "rewrite this section". EPA would like to review the revised text section when it has been prepared. The Guard will provide this in the MOR.
  Specific Comment 15 - EPA is looking for a discussion of possible origins of the SVOCs (e.g., from propellants) as was provided elsewhere in the document.
  Specific Comment 16 - EPA indicated that the response is OK if more TIC information is provided in the text. Ogden distributed 3 handouts on the TICs for various areas. There was a discussion of TIC identification problems, including standards and background noise.
  Specific Comment 21 - The EPA stated that the text should indicate whether the referenced cleanup standards address leaching threats.
  Specific Comment 22 - EPA asked that the response be consistent with the response to specific comment 5. The conclusion should indicate the limited HE history and the limited wells at this location.
  Specific Comment 26 - EPA suggested that any delineation sampling around grids that had detections of dieldrin in the KD and U Ranges should include pesticide samples.
- The lab is ready to analyze water samples using Method 8321, as agreed in the PEP response to comments. EPA requested 8321 analysis on some profile samples from the drill rig that has consistent high interference and on the P-21 boring. The 8321 method has a 7-day holding time so the results of the rush 8330 analysis can be used to determine which 8321 samples to analyze.
- EPA indicated that they would like some of the long term monitoring wells sampled for field filtered inorganics, total suspended solids, total dissolved solids, and turbidity. EPA will provide a list of wells to the Guard.

- EPA had suggested that next weeks Tech Meeting include response wells, J-2 Range, FS Workplan, J Range groundwater samples (FS-12 wells), and the Demo 1 plume. The J Range and Central Impact Area (CIA) response well results, and the Demo 1 plume map and CIA map need to be e-mailed to EPA as soon as they are ready.
- EPA indicated that the comments to the August BIP Report will be ready on Friday or Monday.

The Guard, EPA, and MADEP had a meeting on May 11 to discuss technical issues, including the following:

- Ogden distributed copies of the memorandum of resolution on the PEP Report, the response to comments for the Phase IIb Workplan, the revised Rapid Response Action schedule, and the September BIP Report.
- Jacobs presented an update of the CS-19 investigation. Copies of the presentation from last night's JPAT meeting were distributed for review, including the CS-19 plume in plan view and cross section. EPA asked why 58MW0011 was not included. Jacobs indicated that they did not include data that they believed were background. EPA indicated that 58MW0011 should be included in the FS map. Ogden asked the status of the anomalies detected in the UXO survey. Jacobs indicated that UXO located on the surface was detonated and subsurface anomalies have not been investigated. EPA asked how they would be discussed in the report. Jacobs indicated that the size, location, and a comparison of the anomalies to known UXO would be done. Ogden asked if the subsurface COPCs from the risk assessment included leachability to groundwater. Jacobs stated that the risk assessment did not include leachability.
- JPO provided an update of the Water Supply Investigation. A handout of the Site 1 groundwater results was distributed for review. Site 2 should be ready later this week and Site 4 next week. Site 5 may be dropped from consideration because of elevated radon, pipeline access difficulties, and limited production. A proposal for the pump test of site 3 has been submitted which will include the installation of the pump well and 3 to 5 monitoring wells. The pump test for Site 3 should be started by May 24. The pump tests for sites 1 and 2 should be complete by the end of June, and site 4 by the end of July. EPA asked if the pump test monitoring wells are sampled after they are installed. JPO stated that they would have to look into it. The Guard and MADEP requested electronic copies of the ZOCs for all sites. JPO requested that the Groundwater study release one of the drill rigs if at all possible. Ogden indicated that in order to keep on scheduled they would need all three rigs until June.
- Tetra Tech provided an update of the Munitions Survey Investigation. The geophysics survey started at Donnely Pond. It will take a day or two to determine how well it is working, and expect to take a few weeks to complete the ponds. Some of the surface metal at the slit trench will have to be removed prior to the survey, which is expected to begin in a few weeks. Revising the HUTA work plan and should be distributed tomorrow. Final locations for the HUTA are needed by next week. Tetra Tech UXO personnel will be licensed to do the UXO detonations as of this Friday. EPA asked the status of the Impact Area response wells survey and back tracks. Ogden indicated that the inner transect could be done in one week. EPA indicated that they would like this information before the selection of the HUTA area if possible. EPA asked if the REC for the HUTA has been done yet. Tetra Tech indicated that it has not been completed yet. DEP suggested that courtesy copies be sent to Fish and Wildlife and a copy to the DEM. UXO clearance continues on the J-2 Range with two items located that require disposal. EPA provided comments on the J-2 Range geophysics plan.
- There was a discussion of the training schedule, and potential impacts on investigations. A 44-page schedule of training events was handed out. Ogden and Tetra Tech will identify potential impacts on operations and coordinate with the Guard to ensure no delays.
- Ogden provided an update to the Rapid Response Action. The response to agency comments was delivered on May 5th. A comment resolution conference call has been scheduled for Tuesday (5/16)

at 9:00. Ogden indicated that they would mobilize the soil sampling crews for next week. Ogden asked EPA the status of the cleanup standards and EPA indicated that they believe that they will approve what was discussed last week (2,4-DNT at 700 ppb, lead at 300 ppm, copper and barium at 1,000 ppm and cadmium at 30 ppm). Ogden indicated that they had missed some Phase 1 data that had a detection of 2,4-DNT at above 700 ppb. The revised FSP will have grids around this point.

- Ogden provided an update of the Groundwater Investigation. Currently drilling on MW-102 (P-21). Setting up on P-17 and the Target 9 well. Groundwater sampling of the long term monitoring wells commenced. EPA suggested the P-21 boring go to bedrock instead of the 150 feet bwt. Ogden indicated that the particle tracks from the recent detects along the inner transect probably would not go any deeper then 130 feet bwt in this area. Ogden will provide a estimate of the maximum depth for the agencies consideration. It was agreed to drill to 150 feet bwt and evaluate the data before drilling further. TRC asked if the Guard could get the USGS to provide the depth of a particle at the outer transect if released at the top of the mound. EPA indicated that they would get the list to Ogden today of LTM wells they request to have field filtration for metals. Ogden indicated that the groundwater sampling of the LTM wells is slowing the sampling of the Impact Area response wells. It was agreed that selected Impact Area response wells (to be determined) would be sampled before the LTM wells.
- A map of the Demo 1 RDX plume was distributed for review. There was a discussion of data gaps in this area. It was agreed that one additional well was required south of MW-34, therefore the contour lines in this area would be dashed. Also, the 20-ppb contour would be change to 10 ppb. There was a discussion of travel time, and whether the apparent 10-year length of the plume was consistent with the site history. EPA requested cross sections (longitudinal and transverse) showing the plume. EPA stressed their desire to have these maps as handouts and insets with the detection maps for the IART meeting. DEP requested the well names on the ZOCs.
- EPA distributed a conditional approval letter for the draft J-2 Range Workplan. The comment response letter is due to the agencies on the May 26.
- The central Impact Area map with ZOC and profile data added was distributed. It was requested that all ZOCs be labeled. A few corrections to well symbols were discussed.
- Additional Impact Area response wells were discussed. The Guard suggested adding a well to the north and south ends of the inner transect. The Guard also suggested adding a well to the north end of the outer transect and possibly the south end. The Guard proposed to wait until the well data and particle tracking are available before selecting up and down gradient locations. EPA requested adding a well south of the P-21 location, on the particle track from MW-1 as originally proposed.
- There was a discussion of the timing of the additional response wells. It was agreed that the new wells could be installed after the remaining 5 wells, in June. An evaluation of additional response well locations was proposed in the draft FS Workplan to be completed in July. EPA indicated they would like to compress the schedule for selection and installation of these additional wells, so that the Screening Report for the central Impact Area could be completed by January 2001. EPA indicated it might not be necessary to prepare the 10/12/00 Tech Memo on the response well results. The Guard will review this proposal.
- Miscellany: EPA indicated that the ILTGM sampling can begin as proposed. The Guard indicated that they requested AFCEE to send a letter to Raytheon in regard to the overdue 104e request. The Guard will have the draft scope of work for the Archive Search Report to the agencies today. EPA distributed an approval letter for the Popper Kettle Work Plan. The Guard indicated that there will be a FS-12 modeling meeting on Monday at 2:00.
- The Action Items from the 4/5/00 IART Meeting were discussed.

  1. EPA sent MAARNG a letter requesting a written inventory of the number and types of items remaining in the ASP.

  2. The letter from Mr. Zanis requesting the MAARNG move the active ranges on Greenway Road has not been recieved yet.

3. The Guard agreed that any future munitions, soil, or other cleanup activities outside the Impact Area Cleanup will be discussed at the weekly technical meetings prior to the implementation of the activities.
4. The NGB distributed copies of all maps submitted by Textron as part of the 104e request.
5. The microphone system for the IART meeting is at a maximum and additional microphones can not be added.
6. The information on the two metal detectors being used by Tetra Tech was distributed to the IART.
7. The plotting of plumes, ZOC's and sources of contamination on Impact Area maps was discussed at the technical meetings.
8. Presentation materials will be modified to change "mortar targets" to "targets" as requested by EPA.

The Guard, EPA, and MADEP had a meeting on May 18 to discuss technical issues, including the following:

- The Guard distributed the TriMas Corporation's response to the 104e request for information.
- Jacobs presented an update of the CS-19 investigation. Continue to work on the RI report, which is due on June 28. Jacobs asked for the status of the agency comments on the surface soil letter. The DEP noted that they would look into the status of their comments. The EPA indicated that they forwarded the letter to the EPA risk assessors and are awaiting their comments. EPA noted that they had received Jacob's e-mail on the exclusion of 58MW0011D and E from the plume map but still do not believe that the effects from CS-19 can be ruled out. Ogden indicated that they would include both viewpoints in the meeting minutes for the weekly report.
- There was no update from JPO on the water supply investigation. DEP indicated that JPO asked if the agencies wanted to participate in the pump test. EPA indicated that they did not need to participate. Pump test proposals for sites 2 and 4 have been sent to the DEP.
- Tetra Tech presented an update of the munitions survey investigation. Geophysics of the ponds is ongoing. Handouts of the Bailey and Donnely ponds data point maps and the Donnely Pond anomaly map were distributed. The anomaly map is preliminary as Tetra Tech is working on interference issues. Deep Bottom, Gibbs, and J-3 Wetland are scheduled for next week. The J-2 Range survey needs a separate meeting with EPA, DEP and the Guard to resolve the physical extent of the investigation. This was discussed at the end of the tech meeting, and a sketch of the revised extent of survey was prepared. The revised HUTA Workplan including the HASP, QAPP, SAP, and schedule, has been delivered to the agencies. There are still three outstanding questions:
    - The location of the HUTA needs to be identified. Ogden indicated that the USGS would have the particle tracks on Friday afternoon. Ogden will produce a map with the backtracks along with a suggested 4-acre investigation area by Monday morning.
    - The request for proposal is out for the aerial survey. The contract award will be done on the Tuesday after Memorial Day and the work completed within ten days. EPA asked if the HUTA was going to be surveyed again after the surface clearance is completed. Tetra Tech indicated that it would not be re-surveyed because of the high cost of mobilization.
    - Tetra Tech has proposed a new schedule to the Guard for notification of UXO blow in place activities. This new BIP proposal is required in order to keep on schedule. The Guard is looking for guidance from the DOD. There was a discussion of information needed for the BIPs... this was the subject of a recent email from EPA to the Guard. The Guard will provide a proposal to EPA for BIP logistics by 6/1/00. It was suggested that the Friday afternoon meeting between contractors be used to coordinate work around the scheduled safety zones. EPA indicated that the original March 3rd schedule has enforceable milestones that this revised schedule has work projected past, which would be in violation of the order.

The slit trench metallic debris will be removed next week. EPA requested that the UXO contractor ensure that it is safe to remove.

- Ogden provided an update of the Rapid Response Action. Currently working on the revisions to the workplan based on the 5/16 meeting. The FSP is being modified to include the additional sample depth at the J-3 wetland, the GP-7 grids, and the KD Range grids, and should be ready next week. The UXO contractor will have to be re-mobilized to clear these grids. There has been no response from the Sandwich Conservation Commission on the J-3 wetland. Locating the processing area is underway and the engineering plan development will start soon. Soil sampling is expected to continue for several weeks.
- The status of the rock pile from the berm maintenance program should be resolved next week. The Guard asked how long it would take Ogden to relocate the rock pile if contracted. Ogden indicated it would take approximately one week.
- Ogden provided an update of the Groundwater Investigation. Currently setting wells on MW-102 (P-21), should finish on MW-104 (Target 9) on Friday, and continue to drill on MW-103 (P-17). Continue to sample the LTM wells. The Guard asked if everything has been resolved on the LTM plan. Ogden indicated that a proposal was outstanding on a specific monitoring program for the Southeast Ranges area, and the annual monitoring locations remain to be chosen. Ogden will provide proposals on these issues. It was agreed that the Central Impact Area response well sampling is a higher priority then finishing the LTM round 1 by the end of May. Ogden will have the groundwater crews switch from sampling the LTM wells to the response wells next week. Handouts of the draft inner and outer transect cross sections were distributed. Ogden will e-mail files to EPA and TRC.
- The EPA comments on the J-2 Workplan were discussed. Ogden indicated that EPA conditionally approved the plan and questioned whether DEP was planning to provide comments. DEP indicated yes. Ogden proposed to have a site walk of the J-2 Range with Mr. Varney and Mr. Fredrick next week in order to resolve questions on EPA comments, and to extend the response deadline from 5/26 to 6/2/00. This might also allow for a joint response to DEP comments, if they were available before then. A discussion of specific questions relating to EPA comments resumed at the end of the tech meeting.
- The Guard indicated that they are in the process of preparing an addendum to the Demo 1 IRA to include the three new locations of C-4. The DEP asked if any additional C-4 had been located. The Guard indicated that all C-4 located is included with the addition of this addendum.
- The EPA requested that future UXO BIP results be provided prior to their discussion at IART meetings. The Guard indicated that they plan to include the April and May BIP detections with the response plan that was just delivered, and will prepare an amendment. EPA asked if the craters with detections have been covered. Ogden indicated that all blow in place craters from April and May were covered with plastic.
- Ogden indicated that the results of the six additional FS-12 wells sampled were all ND. EPA indicated that there are data gaps off base and the J Range response plans should investigate these areas. The Guard indicated that their meeting with Jacobs on Monday 5/15 indicated that the FS-12 treatment system was going to be adjusted to capture the EDB in Snake Pond, which should capture the explosives detected in the area. Ogden will re-evaluate the data and have a response in two to three weeks.
- The revised Small Arms Range Firing Investigation plan was discussed. A response to DEP's comments will be prepared. EPA comments were provided verbally at a previous tech meeting. Regarding borings, EPA clarified that the surface soil samples should be sufficient for now.
- It was agreed to leave the Progress Report format as is for now.
- An action item from the IART meeting was to get a complete list of the contractors and their license agreements for the J Ranges. The Guard will follow-up on this with USACE.

- Guard will prepare a letter to propose additional Central Impact Area Response wells by Tuesday 5/23. At the IART meeting Dr. Gschwend suggested two borings on the north inner transect to resolve the northern extent issue.
- A copy of the draft Demo 1 transverse cross section with plume was distributed and will be e-mailed to EPA and TRC.

The Guard, EPA, and MADEP had a meeting on May 25 to discuss technical issues, including the following:

- The meeting was preceded by a reconnaissance of J-2 Range with Robert Frederick. Attending were Marc Grant, Jane Dolan, Ben Gregson, Jim Bossy, Nick Iaiennaro, Jan Drake, Len Pinaud, and Alabama EOD. The recon included (as named in the draft workplan) the melt/pour building, drop tower, FFP1, FFP 3/4, berms 1-3, disposal area 1, Sherman Tank, and brick-lined pits. Some of these areas were discussed during the tech meeting as indicated below.
- Jacobs presented an update of the CS-19 investigation. They continue with the preparation of the RI Report. EPA is still looking to comment on the draft materials provided earlier. Jacobs requested a conference call with the agencies on Tuesday at 2:30 to discuss the risk assessment, modeling, and interpretation of the data. Jacobs asked Ogden if they had been analyzing the surface soil samples for PAHs and if so, what were the results. Ogden indicated that they have been analyzing the surface soil for PAHs and have had detections but none were elevated. Jacobs indicated that they were surprised that the PAHs detected in the surface soil at CS-19 were not elevated, since the area was used for burning.
- Tetra Tech presented an update of the Munitions Survey Investigation. Geophysics continues on the water bodies, and they are working on a noise issue. The water bodies survey should be completed by June 2 and then the survey of the slit trench will begin. The area of investigation of the J Range survey has changed to add approximately 12 acres. Surface clearance of the HUTA is scheduled to start on June 5th. They could put it off a week if it would help with Ogden's drilling schedule. EPA asked when the vegetation clearance would start in J-2. Tetra Tech indicated that it would start in the next couple of weeks. EPA asked when they going to see maps of the J-1 and J-3 Range proposed surveys. Tetra Tech stated that next week when the surveyors are on site they will set up a site walk with the agencies to show what features they want surveyed.
- JPO presented an update of the Water Supply Investigation. Handouts of the analytical results from well sites 2 and 4 were distributed. Copies of the CD with the modeled ZOCs for the sites were distributed. The pump test of well site 3 was completed with a rate of 620 gallons per minute. Well site 1 pump test is scheduled for next week. Ogden asked if time series sampling occurs during the pump test. JPO indicated that time series samples are collected. JPO indicated that they would be asking Ogden for electronic copies of the IAGS monitoring well locations. DEP asked what the drawdown was during the pump test. JPO indicated that at a well 300 feet away it was 6 inches.
- Ogden presented an update of the Rapid Response Action. A red line version of the work plan will be ready for the agency review on June 13. The final FSP is ready pending DEP comments. Sampling of soil continues and the additional areas at GP-7 and KD have had UXO avoidance performed. The meeting with Sandwich Conservation Commission on the J-3 Wetland determined the Guard would have to go through the full Notice of Intent process. The schedule is as follows: the NOI needs to be submitted by June 13 to be included for the July 5th agenda. An informal review will occur before the board on June 21st. Hearings will be on July 5th and 19th. The Sandwich Cons/Com will send the Guard their Standard Order of Conditions prior to the 6/21 meeting.
- The Peer report on the Berm Maintenance Rock Pile has been sent to the agencies. DEP has approved the reuse of the rocks and are still waiting for EPA’s approval. Once the approval is received, then the design of the containment pad will begin. Tetra Tech asked when the rocks would

have to be removed. Ogden indicated that the rocks would have to be removed by July to not interfere with the containment pad.

- Ogden presented an update of the Groundwater Investigation. Currently drilling on P-18 (MW-106) and P-19 (MW-105). Need to select screens for MW-103 (P-17 well) later today when data is received. Continue to collect groundwater from the RDX response wells and LTM wells. Sampling of the response wells is estimated at 33% complete. Continue with well development of newly installed wells.
- It was agreed that the schedule for the Phase IIb RCL resolution (6/1) and initial site recons (6/1) is OK. EPA asked if the schedule in the RCL included all areas. Ogden indicated that all areas are included.
- A letter was received from the DEP on the proposed work at the Popper Kettle. The Guard expects to remove the material from inside the kettle within the next two weeks.
- The Guard indicated that the flight for the Training Areas recon is now scheduled for 6/20-21 (rain date 6/22-23).
- Ogden asked the status of the DEP's comments to the J-2 Range workplan. The DEP indicated that they are almost done and their major concern was that more wells were needed. The Guard agreed to install water table wells at the potential source areas identified in EPA's comments. Once the water table is defined and characterized, then additional deeper downgradient wells would be installed. DEP asked whether the J-2 Range wells would overlap with the wells at the other J Ranges. The Guard indicated that Textron would be installing wells at J-1 and J-3 Ranges prior to the IAGS and they will ask for Textron's schedule of field work. EPA agreed with the request for extension until June 2 for the response to comments.
- The following issues were resolved based on the site walk. The scope of soil sampling for the melt pour facility and several berms were agreed to. Ogden indicated that the burn pits described by Mr. Varney appear to be the brick pits previously investigated. The EPA agreed but indicated that the burn pits would have to be addressed if different pits are located during the geophysical investigation; if not the wells need to be installed at the brick pits. It was agreed that the heat signature testing appears to have included rounds fired from J-1 Range, but only lasers were used at the J-2 Range during this testing. EPA asked that the Guard survey the laser lines shown in the 1986 photo. Tetra Tech indicated that there is no evidence in the field of these lines. It was agreed that the 2nd Sherman Tank area could not be reasonably located or investigated at this time, if in fact it is different from the 1st Sherman Tank area. Ogden indicated that there was no further info on the burning on the Range Road. EPA indicated that Mr. Varney stated that it was 200 feet from the administrative building and concentrated around the cement pedestal.
- Ogden provided copies of the revised Document Status Schedule. The revised ILTGM Plan and the Central Impact Area Response Plan were added to the table. It was agreed that future tech meetings would discuss proposed well locations before the response plan was produced.
- The draft IART Action Items from the email of 5/22 were discussed and are as follows:

  - The EPA has forwarded a hard copy of Mr. Zanis' 4/8/00 e-mail to the Guard asking to move the active ranges along Greenway Road, which will be forwarded to the MA Guard for their consideration.
  - It was agreed to discuss the Demo 1 plume shape at an upcoming Technical Meeting and come to a consensus on what the data indicates the shape should be. A downgradient southern well is proposed in the FS workplan.
  - Ogden will provide an update of validated Blow in Place data at the next IART meeting.
  - Ogden indicated that the air emission sampling results were previously distributed in the weekly meetings and the BIP reports. All results were ND.
  - EPA will ask the citizen members to forward comments or questions on the Textron Systems Corp 104e information request to Margery Adams.

- The EPA distributed a copy of the license agreement between Textron and the Army Corps of Engineers to the IART.
- The Guard will ask Textron if perchlorate was used as propellant.
- The Army Corps of Engineers is working on providing copies of all contracts issued for J Ranges at MMR. The Guard will forward Action Items to the Corps and let them know that they agreed to look into this.
- The Guard agreed to consider air monitoring on the back side of the CDC to determine if carbon filters were needed.
- The Guard will include an IART facilitator proposal in the weekly notes for review and comments.
- The Guard agreed to schedule soil sampling at the SAR that coincides with a heavy use training event.
- The Guard will discuss the assistance to IART facilitator and the discussion on the west end of the Demo 1 plume at the June 28th IART meeting.

- Ogden indicated that three profile samples (already selected) and four monitoring well samples (MW-1S, MW-16S, MW-19S, and MW-41M1) would be analyzed by Method 8321 and CHPPM, per prior correspondence. EPA asked for a status update on these samples and the analyses.
- Screens were selected for MW-103 (P-17) at the water table to monitor potential contamination from the adjacent small arms ranges, at 138' to 148' bwt to capture the particle track from MW-87, and at 156' to 166' bwt to cover the detection of 2,4-diamino-6-nitrotoluene in the Q interval.
- Ogden distributed the Central Impact Area supplemental response wells plan, the proposed supplemental text for the J-3 tech memo, and the October Blow in Place report for agency review.

2. SUMMARY OF DATA RECEIVED

Validated Data

Validated data were received during May for Sample Delivery Groups (SDGs) 242, 243, 245, 247, 249, 250, 258, 260, 261, 273, 274, 275, 300, 302, 306, 307,309, 310, 311,312, 313, and 316. These SDGs contain results for 293 soil grid samples, primarily consisting of samples from Demo 1, the WT-13 area, and gun and mortar positions. The SDGs also contain results for 39 groundwater samples from monitoring wells, 13 soil boring samples from response wells MW-85 and MW-86, eight soil samples from UXO detonation craters, and one air sample from the 12/28/99 detonation event.

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. 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, and 40); southeast of the J Ranges (wells 90MW0022, 90WT0013); and at the steel-lined pit (well 58). Demo Area 1 has a well-defined source area and extent of contamination. The estimated extent of hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) exceeding the HA at Demo Area 1 based on the most recent groundwater measurements is indicated by a magenta concentration contour on Figure 1 and the inset. Concentration contours will be prepared for other areas, if appropriate, when sufficient data are available. CS-19 is a site located in the Impact Area, portions of which are currently under investigation by the Air Force Center for Environmental Excellence (AFCEE) under the Superfund program. A bunker and cleared area on the north side of CS-19 are under investigation under the IAGS. Studies are currently underway to 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. Exceedances of drinking water criteria were measured for 2,4,6-trinitrotoluene (TNT) at Demo Area 1 (well 19S), and for RDX at all of the locations. One of the exceedance wells, 90WT0013, has had no detectable explosives in the last two sample rounds (January and October 1999).

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. Twelve of the 38 molybdenum exceedances were repeated in consecutive sampling rounds (wells 2S, 2D, 13D, 16D, 46M2, 52D, 52M3, 53M1, 53D, 54M2, 54S, and 55D). Molybdenum concentrations declined in 11 of these twelve wells. Two of the 12 sodium exceedances were repeated in consecutive sampling rounds (wells 2S and SDW261160). Six of the 41 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, see Inset B) 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 68) 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 or third 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.

Table 4 indicates confirmed detections of RDX, HMX, TNT, 2-nitrotoluene, and PETN in soil samples from craters where UXO detonations were performed. Open detonation (OD) was performed at 10 locations on 4/21/00, and five of the craters had explosives detected. OD was performed at 22 locations on 5/2/00, and four of the craters had explosives detected. OD was performed at one location on 5/18/00, and the crater had explosives detected.

Table 4 indicates confirmed detections of RDX, HMX, TNT, 2-amino-4,6-DNT, 4-amino-2,6-DNT, and 2,4-DNT in groundwater samples from various monitoring wells. Most of these wells were being sampled for the second round (new Demo 1 wells), third round (MW-58), or fourth round (Phase I wells), and the results were consistent with previous detections. The new Impact Area response wells (MW-85 to MW-98) were being sampled for the first time.

Table 4 includes profile results from drilling at the Impact Area response wells 100, 101, 102, 103, 104, 105, and 106. RDX (12x), 2,6-DNT (8x), HMX (4x), and 2,4-diamino-6-nitrotoluene (1x) were verified as detected in one or more profile samples.

3. DELIVERABLES SUBMITTED

Deliverables submitted during the reporting period include the following:

Response of MIT to request for information 5/1/00

Immediate Response Action Plan for Demo 1 (4/19/00 letter from Gregson to Drake)	5/1/00
Weekly progress update (4/17 to 4/21)	5/2/00
Weekly progress update (4/24 to 4/28)	5/4/00
Draft Rapid Response Action FSP	5/5/00
Monthly Progress Report #37 for April 2000	5/10/00
Draft Summary Report – 30 September 1999 UXO Detonation	5/10/00
Weekly Progress Update for May 1-5, 2000	5/15/00
Final Fate-and-Transport Modeling Review and Recommendations	5/16/00
Draft IAGS Tech Memo 00-1, Evaluation of Ground Scars, Pits, etc.	5/23/00
Weekly Progress Update for May 8-12, 2000	5/24/00
Draft Munitions Demolition Summary Report – October 1999	5/25/00
Interim Supplemental Response Well Locations for Central Impact Area	5/25/00
Response of TriMas Corporation to request for information	5/30/00

4. SCHEDULED ACTIONS

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

- Complete draft report on Demo 1 soil/groundwater investigation (TM 00-2)
- Complete Demo 1 geophysics data processing
- IART review draft report on Demo 1 soil/groundwater investigation (TM 00-2)
- Continue Impact Area investigation
- Revise draft J-2 Range Workplan
- Continue J-2 Range geophysics investigation
- Review results for DP-8&9 Response Plan and plan follow-up
- IART review draft J-1/J-3 Range Workplan and provide comments
- Continue J-1/J-3 Range geophysics investigation
- Complete draft report on gun/mortar investigation
- IART review draft report on "trenches" investigation (TM 00-1)
- Complete Mortar Targets investigation and continue report preparation
- Complete method development and FSP preparation for Training Areas investigation
- Begin Training Areas investigation
- Complete final KD/U (TM 99-1) and J-3 Wetland (TM 99-4) reports
- Complete final workplan for HUTA-1 and start investigation
- Complete geophysics investigation of water bodies
- Complete geophysics investigation of slit trench
- Continue groundwater monitoring programs
- Complete final PEP report
- Continue revisions of Interim Longterm Monitoring (ILTGM) plan for CY 2000
- Complete final Rapid Response Action (RRA) workplan
- Continue pre-RRA implementation
- Begin RRA Source Control

5. SUMMARY OF ACTIVITIES FOR DEMO 1

The geophysical survey of Demo 1 has been completed. Data are now being processed for evaluation of anomalies, and data evaluation will be completed in June. Preparation of the draft technical memorandum for the Demo 1 response actions is underway and will be completed in June. The draft FS Workplan for AO3 (including Demo 1) is under review by the regulatory agencies and other stakeholders.

TABLE 2
SAMPLING PROGRESS
5/1/2000-5/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HCJ2LAW5	HCJ2LAW5	05/04/2000	CRATER GRAB	0.00	0.25		
HCP18105MM	HCP18105MM	05/05/2000	CRATER GRAB	0.00	0.25		
HCP18155MM	HCP18155MM	05/05/2000	CRATER GRAB	0.00	0.25		
HCP19105MM1	HCP19105MM1	05/08/2000	CRATER GRAB	0.00	0.25		
HCP19105MM2	HCP19105MM2	05/08/2000	CRATER GRAB	0.00	0.25		
HCP19105MM3	HCP19105MM3	05/08/2000	CRATER GRAB	0.00	0.25		
HCP19105MM4	HCP19105MM4	05/05/2000	CRATER GRAB	0.00	0.25		
HCP19105MM5	HCP19105MM5	05/05/2000	CRATER GRAB	0.00	0.25		
HCP19155MM1	HCP19155MM1	05/08/2000	CRATER GRAB	0.00	0.25		
HCP19155MM2	HCP19155MM2	05/05/2000	CRATER GRAB	0.00	0.25		
HCP1975MM	HCP1975MM	05/05/2000	CRATER GRAB	0.00	0.25		
HCP20155MMLT	HCP20155MMLT	05/05/2000	CRATER GRAB	0.00	0.25		
HCT2-3155MM	HCT2-3155MM	05/05/2000	CRATER GRAB	0.00	0.25		
HDB32.36RKT1	HDB32.36RKT1	05/05/2000	CRATER GRAB	0.00	0.25		
HDB32.36RKT2	HDB32.36RKT2	05/05/2000	CRATER GRAB	0.00	0.25		
HDJ260MM1	HDJ260MM1	05/19/2000	CRATER GRAB				
HDJ281MM	HDJ281MM	05/04/2000	CRATER GRAB	0.00	0.25		
HDJ281MM2	HDJ281MM2	05/19/2000	CRATER GRAB				
HDJ281MMD	HDJ281MMD	05/04/2000	CRATER GRAB	0.00	0.25		
HDJ2LAW10	HDJ2LAW10	05/04/2000	CRATER GRAB	0.00	0.25		
HDJ2LAW11	HDJ2LAW11	05/04/2000	CRATER GRAB	0.00	0.25		
HDJ2LAW5	HDJ2LAW5	05/04/2000	CRATER GRAB	0.00	0.25		
HDJ2LAW6	HDJ2LAW6	05/04/2000	CRATER GRAB	0.00	0.25		
HDJ2LAW7	HDJ2LAW7	05/04/2000	CRATER GRAB	0.00	0.25		
HDJ2LAW8	HDJ2LAW8	05/04/2000	CRATER GRAB	0.00	0.25		
HDJ2LAW9	HDJ2LAW9	05/04/2000	CRATER GRAB	0.00	0.25		
HDP18105MM	HDP18105MM	05/05/2000	CRATER GRAB	0.00	0.25		
HDP18155MM	HDP18155MM	05/05/2000	CRATER GRAB	0.00	0.25		
HDP19105MM1	HDP19105MM1	05/05/2000	CRATER GRAB	0.00	0.25		
HDP19105MM2	HDP19105MM2	05/05/2000	CRATER GRAB	0.00	0.25		
HDP19105MM3	HDP19105MM3	05/05/2000	CRATER GRAB	0.00	0.25		
HDP19105MM4	HDP19105MM4	05/05/2000	CRATER GRAB	0.00	0.25		
HDP19105MM5	HDP19105MM5	05/05/2000	CRATER GRAB	0.00	0.25		
HDP19155MM1	HDP19155MM1	05/05/2000	CRATER GRAB	0.00	0.25		
HDP19155MM2	HDP19155MM2	05/05/2000	CRATER GRAB	0.00	0.25		
HDP1975MM	HDP1975MM	05/05/2000	CRATER GRAB	0.00	0.25		
HDP20155MMLT	HDP20155MMLT	05/05/2000	CRATER GRAB	0.00	0.25		
HDT2-3155MM	HDT2-3155MM	05/05/2000	CRATER GRAB	0.00	0.25		
HDT2-3155MMD	HDT2-3155MMD	05/05/2000	CRATER GRAB	0.00	0.25		
90MW0041E	FIELDQC	05/29/2000	FIELDQC	0.00	0.00		
G100DAE	FIELDQC	05/04/2000	FIELDQC	0.00	0.00		
G101DCE	FIELDQC	05/05/2000	FIELDQC	0.00	0.00		
G101DIE	FIELDQC	05/09/2000	FIELDQC	0.00	0.00		
G102DAE	FIELDQC	05/11/2000	FIELDQC	0.00	0.00		
G102DCE	FIELDQC	05/12/2000	FIELDQC	0.00	0.00		
G102DJE	FIELDQC	05/15/2000	FIELDQC	0.00	0.00		
G102DRE	FIELDQC	05/17/2000	FIELDQC	0.00	0.00		
G103DNE	FIELDQC	05/23/2000	FIELDQC	0.00	0.00		
G104DAE	FIELDQC	05/17/2000	FIELDQC	0.00	0.00		
G104DAT	FIELDQC	05/17/2000	FIELDQC	0.00	0.00		

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

TABLE 2
SAMPLING PROGRESS
5/1/2000-5/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G104DFT	FIELDQC	05/18/2000	FIELDQC	0.00	0.00		
G104DIE	FIELDQC	05/18/2000	FIELDQC	0.00	0.00		
G104DKE	FIELDQC	05/22/2000	FIELDQC	0.00	0.00		
G104DKT	FIELDQC	05/22/2000	FIELDQC	0.00	0.00		
G105DAE	FIELDQC	05/30/2000	FIELDQC	0.00	0.00		
G105DGE	FIELDQC	05/31/2000	FIELDQC	0.00	0.00		
HC96A1AAE	FIELDQC	05/08/2000	FIELDQC	0.00	0.00		
HC96A1AAT	FIELDQC	05/08/2000	FIELDQC	0.00	0.00		
HC98A1AAE	FIELDQC	05/09/2000	FIELDQC	0.00	0.00		
HC98A1AAT	FIELDQC	05/09/2000	FIELDQC	0.00	0.00		
HDJ260MM1-E	FIELDQC	05/19/2000	FIELDQC	0.00	0.00		
HDJ260MM1-T	FIELDQC	05/19/2000	FIELDQC	0.00	0.00		
HDP1975MME	FIELDQC	05/05/2000	FIELDQC	0.00	0.00		
HDP1975MMT	FIELDQC	05/05/2000	FIELDQC	0.00	0.00		
LOC-4ER	FIELDQC	05/02/2000	FIELDQC	0.00	0.00		
LOC-4FB	FIELDQC	05/02/2000	FIELDQC	0.00	0.00		
LOC-4TB	FIELDQC	05/02/2000	FIELDQC	0.00	0.00		
LOC-5TB	FIELDQC	05/02/2000	FIELDQC	0.00	0.00		
S100DHE	FIELDQC	05/03/2000	FIELDQC	0.00	0.00		
S101DIE	FIELDQC	05/04/2000	FIELDQC	0.00	0.00		
S102DAE	FIELDQC	05/08/2000	FIELDQC	0.00	0.00		
S102DDE	FIELDQC	05/09/2000	FIELDQC	0.00	0.00		
S102DHE	FIELDQC	05/10/2000	FIELDQC	0.00	0.00		
S102DME	FIELDQC	05/11/2000	FIELDQC	0.00	0.00		
S103DEE	FIELDQC	05/15/2000	FIELDQC	0.00	0.00		
S103DPE	FIELDQC	05/17/2000	FIELDQC	0.00	0.00		
S104DAE	FIELDQC	05/26/2000	FIELDQC	0.00	0.00		
S104DCE	FIELDQC	05/12/2000	FIELDQC	0.00	0.00		
S104DCT	FIELDQC	05/12/2000	FIELDQC	0.00	0.00		
S104DJE	FIELDQC	05/16/2000	FIELDQC	0.00	0.00		
S105DCE	FIELDQC	05/24/2000	FIELDQC	0.00	0.00		
S105DCT	FIELDQC	05/24/2000	FIELDQC	0.00	0.00		
S105DDE	FIELDQC	05/25/2000	FIELDQC	0.00	0.00		
S106DCE	FIELDQC	05/26/2000	FIELDQC	0.00	0.00		
S106DCT	FIELDQC	05/26/2000	FIELDQC	0.00	0.00		
S106DDE	FIELDQC	05/30/2000	FIELDQC	0.00	0.00		
S106DLE	FIELDQC	05/31/2000	FIELDQC	0.00	0.00		
W01M1T	FIELDQC	05/10/2000	FIELDQC	0.00	0.00		
W07M1A-FL	FIELDQC	05/23/2000	FIELDQC	0.00	0.00		
W07M2L	FIELDQC	05/24/2000	FIELDQC	240.00	245.00		
W21SSL	FIELDQC	05/30/2000	FIELDQC	164.00	174.00		
W23M3T	FIELDQC	05/15/2000	FIELDQC	0.00	0.00		
W35SSA-FL	FIELDQC	05/22/2000	FIELDQC	0.00	0.00		
W43M1T	FIELDQC	05/18/2000	FIELDQC	0.00	0.00		
W43M2T	FIELDQC	05/31/2000	FIELDQC	0.00	0.00		
W45SST	FIELDQC	05/29/2000	FIELDQC	0.00	0.00		
W50M1T	FIELDQC	05/15/2000	FIELDQC	0.00	0.00		
W52DDT	FIELDQC	05/22/2000	FIELDQC	0.00	0.00		
W52M3A-FL	FIELDQC	05/23/2000	FIELDQC	0.00	0.00		
W58SST	FIELDQC	05/11/2000	FIELDQC	0.00	0.00		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
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TABLE 2
SAMPLING PROGRESS
5/1/2000-5/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W69M1T	FIELDQC	05/01/2000	FIELDQC	0.00	0.00		
W70SST	FIELDQC	05/02/2000	FIELDQC	0.00	0.00		
W71M1T	FIELDQC	05/04/2000	FIELDQC	0.00	0.00		
W94M2T	FIELDQC	05/30/2000	FIELDQC	0.00	0.00		
4036000-01G	4036000-01G	05/01/2000	GROUNDWATER				
4036000-03G	4036000-03G	05/01/2000	GROUNDWATER				
4036000-04G	4036000-04G	05/01/2000	GROUNDWATER				
4036000-06G	4036000-06G	05/01/2000	GROUNDWATER				
4036003-01G	4036003-01G	05/01/2000	GROUNDWATER				
4261000-02G	4261000-02G	05/03/2000	GROUNDWATER				
4261000-03G	4261000-03G	05/03/2000	GROUNDWATER				
4261000-04G	4261000-04G	05/03/2000	GROUNDWATER				
4261000-05G	4261000-05G	05/03/2000	GROUNDWATER				
4261000-06G	4261000-06G	05/03/2000	GROUNDWATER				
4261000-09G	4261000-09G	05/03/2000	GROUNDWATER				
4261000-10G	4261000-10G	05/03/2000	GROUNDWATER				
4261000-11G	4261000-11G	05/03/2000	GROUNDWATER				
90MW0003	90MW0003	05/04/2000	GROUNDWATER				
90MW0022	90MW0022	05/29/2000	GROUNDWATER	115.50	120.50	76.29	81.29
90MW0041	90MW0041	05/29/2000	GROUNDWATER	127.00	133.00	34.21	40.21
90MW0041D	90MW0041	05/29/2000	GROUNDWATER	127.00	133.00	34.21	40.21
90MW0054	90MW0054	05/30/2000	GROUNDWATER				
90MW0080	90MW0080	05/03/2000	GROUNDWATER				
90PZ0204	90PZ0204	05/30/2000	GROUNDWATER				
ECMWSNP02D	ECMWSNP02S	05/02/2000	GROUNDWATER				
ECMWSNP02S	ECMWSNP02S	05/02/2000	GROUNDWATER				
ECMWSNP03D	ECMWSNP03D	05/03/2000	GROUNDWATER				
ECMWSNP03S	ECMWSNP03S	05/03/2000	GROUNDWATER				
PPAWSPW-1	PPAWSPW-1	05/10/2000	GROUNDWATER				
PPAWSPW-2	PPAWSPW-2	05/10/2000	GROUNDWATER				
RS0003ARND	3 Arnold Rd.	05/23/2000	GROUNDWATER				
RS0003RACC	3 Raccoon Lane	05/23/2000	GROUNDWATER				
RS0004OSNK	4 Old Snake Pon	05/23/2000	GROUNDWATER				
RS0006OSNK	6 Old Snake Pon	05/23/2000	GROUNDWATER				
RS0010ARND	10 Arnold Rd.	05/23/2000	GROUNDWATER				
RS0011OSNK	11 Old Snake Po	05/23/2000	GROUNDWATER				
RS0012OSNK	12 Old Snake Po	05/23/2000	GROUNDWATER				
RS0014ARND	14 Arnold Rd.	05/23/2000	GROUNDWATER				
RS0015ARND	15 Arnold Rd.	05/23/2000	GROUNDWATER				
RS0018OSNK	18 Old Snake Po	05/23/2000	GROUNDWATER				
RS0024ARND	24 Arnold Rd.	05/23/2000	GROUNDWATER				
RS0034ARND	34 Arnold Rd.	05/23/2000	GROUNDWATER				
RS0036ARND	36 Arnold Rd.	05/23/2000	GROUNDWATER				
RS0039ARND	39 Arnold Rd.	05/23/2000	GROUNDWATER				
USCGANTST	USCGANTST	05/01/2000	GROUNDWATER				
W01DDA	MW-01	05/09/2000	GROUNDWATER	290.00	300.00	170.22	180.22
W01M1A	MW-01	05/10/2000	GROUNDWATER	220.00	225.00	100.22	105.22
W01M2A	MW-01	05/10/2000	GROUNDWATER	160.00	165.00	40.60	45.60
W01SSA	MW-01	05/31/2000	GROUNDWATER	114.00	124.00	-5.95	4.05
W01SSL	MW-01	05/31/2000	GROUNDWATER	114.00	124.00	-5.95	4.05

Profiling methods include: Volatiles and Explosives
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TABLE 2
SAMPLING PROGRESS
5/1/2000-5/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W02M1A	MW-02	05/10/2000	GROUNDWATER	212.00	217.00	70.32	75.32
W02M2A	MW-02	05/11/2000	GROUNDWATER	170.00	175.00	28.36	33.36
W03DDA	MW-03	05/17/2000	GROUNDWATER	262.00	267.00	212.78	217.78
W05DDA	MW-05	05/16/2000	GROUNDWATER	335.00	340.00	217.28	222.28
W05DDD	MW-05	05/16/2000	GROUNDWATER	335.00	340.00	217.28	222.28
W05M1A	MW-05	05/11/2000	GROUNDWATER	210.00	215.00	92.33	97.33
W05M2A	MW-05	05/11/2000	GROUNDWATER	170.00	175.00	52.45	57.45
W07M1A	MW-07	05/23/2000	GROUNDWATER	240.00	245.00	131.23	136.23
W07M2A	MW-07	05/24/2000	GROUNDWATER	240.00	245.00	130.82	135.82
W10DDA	MW-10	05/11/2000	GROUNDWATER	351.50	361.50	200.19	210.19
W13DDA	MW-13	05/17/2000	GROUNDWATER	220.00	225.00	141.50	146.50
W13DDD	MW-13	05/17/2000	GROUNDWATER	220.00	225.00	141.50	146.50
W13SSA	MW-13	05/18/2000	GROUNDWATER	73.00	83.00	-5.18	4.82
W15DDA	MW-15	05/12/2000	GROUNDWATER	324.00	334.00	213.18	223.18
W16DDA	MW-16	05/17/2000	GROUNDWATER	355.00	360.00	219.70	224.70
W16SSA	MW-16	05/31/2000	GROUNDWATER	125.00	135.00	-10.01	-0.01
W17DDA	MW-17	05/12/2000	GROUNDWATER	320.00	330.00	192.00	202.00
W17DDD	MW-17	05/12/2000	GROUNDWATER	320.00	330.00	192.00	202.00
W17M1A	MW-17	05/17/2000	GROUNDWATER	220.00	230.00	93.00	103.00
W19DDA	MW-19	05/12/2000	GROUNDWATER	293.00	298.00	248.00	253.00
W19SSA	MW-19	05/12/2000	GROUNDWATER	38.00	48.00	-7.00	3.00
W19SSA	MW-19	05/23/2000	GROUNDWATER	38.00	48.00	-6.91	3.09
W21M2A	MW-21	05/23/2000	GROUNDWATER	240.00	245.00		
W21M3A	MW-21	05/24/2000	GROUNDWATER	196.00	206.00	20.80	30.80
W21SSA	MW-21	05/30/2000	GROUNDWATER	164.00	174.00	-10.78	-0.78
W23DDA	MW-23	05/15/2000	GROUNDWATER	272.00	282.00	142.37	152.37
W23M1A	MW-23	05/12/2000	GROUNDWATER	225.00	235.00	95.54	105.54
W23M2A	MW-23	05/15/2000	GROUNDWATER	189.00	194.00	59.35	64.35
W23M3A	MW-23	05/15/2000	GROUNDWATER	156.00	161.00	26.30	31.30
W25SSA	MW-25	05/31/2000	GROUNDWATER	108.00	118.00	-5.75	4.25
W25SSD	MW-25	05/31/2000	GROUNDWATER	108.00	118.00	-5.75	4.25
W26SSA	MW-26	05/30/2000	GROUNDWATER	129.00	139.00	-6.35	3.65
W27SSA	MW-27	05/30/2000	GROUNDWATER	117.00	127.00	-5.87	4.13
W31DDA	MW-31	05/15/2000	GROUNDWATER	133.00	138.00	43.45	48.45
W31M1A	MW-31	05/15/2000	GROUNDWATER	113.00	123.00	23.21	33.21
W31SSA	MW-31	05/15/2000	GROUNDWATER	98.00	103.00	8.17	13.17
W34M1A	MW-34	05/17/2000	GROUNDWATER	151.00	161.00	70.88	80.88
W34M2A	MW-34	05/18/2000	GROUNDWATER	131.00	141.00	50.72	60.72
W34M3A	MW-34	05/18/2000	GROUNDWATER	111.00	121.00	30.55	40.55
W35M1A	MW-35	05/22/2000	GROUNDWATER	155.00	165.00	65.08	75.08
W35M2A	MW-35	05/22/2000	GROUNDWATER	100.00	110.00	10.13	20.13
W35SSA	MW-35	05/22/2000	GROUNDWATER	84.00	94.00	-5.87	4.13
W36M1A	MW-36	05/18/2000	GROUNDWATER	151.00	161.00	72.47	82.47
W36M2A	MW-36	05/18/2000	GROUNDWATER	131.00	141.00	52.46	62.46
W38DDA	MW-38	05/17/2000	GROUNDWATER	242.00	252.00	120.50	130.50
W38M1A	MW-38	05/16/2000	GROUNDWATER	217.00	227.00	95.27	105.27
W38M2A	MW-38	05/17/2000	GROUNDWATER	187.00	197.00	65.27	75.27
W38M3A	MW-38	05/16/2000	GROUNDWATER	170.00	180.00	48.52	58.52
W38M4A	MW-38	05/16/2000	GROUNDWATER	132.00	142.00	10.45	20.45
W38SSA	MW-38	05/16/2000	GROUNDWATER	115.00	125.00	-6.70	3.30

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SAMPLING PROGRESS
5/1/2000-5/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W39M1A	MW-39	05/18/2000	GROUNDWATER	220.00	230.00	81.60	91.60
W39M2A	MW-39	05/18/2000	GROUNDWATER	175.00	185.00	36.48	46.48
W39SSA	MW-39	05/19/2000	GROUNDWATER	131.00	141.00	-7.40	2.60
W41M1A	MW-41	05/18/2000	GROUNDWATER	235.00	245.00	164.00	174.00
W41M1A	MW-41	05/31/2000	GROUNDWATER	235.00	245.00	105.05	115.05
W42M1A	MW-42	05/18/2000	GROUNDWATER	235.00	245.00	164.00	174.00
W42M1D	MW-42	05/19/2000	GROUNDWATER	206.00	216.00	135.00	145.00
W42M2A	MW-42	05/19/2000	GROUNDWATER	186.00	196.00	115.50	125.50
W42M2D	MW-42	05/19/2000	GROUNDWATER	186.00	176.00	115.50	105.50
W42M3A	MW-42	05/19/2000	GROUNDWATER	166.00	176.00	95.41	105.41
W43M1A	MW-43	05/31/2000	GROUNDWATER	223.00	233.00	86.20	96.20
W43M2A	MW-43	05/31/2000	GROUNDWATER	200.00	210.00	63.39	73.39
W45M1A	MW-45	05/26/2000	GROUNDWATER	190.00	200.00	96.75	106.75
W45M2A	MW-45	05/26/2000	GROUNDWATER	110.00	120.00	15.82	25.82
W45SSA	MW-45	05/29/2000	GROUNDWATER	89.00	99.00	-5.21	4.79
W46DDA	MW-46	05/16/2000	GROUNDWATER	295.00	305.00	132.95	142.95
W46M1A	MW-46	05/16/2000	GROUNDWATER	262.00	272.00	99.32	109.32
W46M2A	MW-46	05/15/2000	GROUNDWATER	215.00	225.00	52.37	62.37
W46M3A	MW-46	05/16/2000	GROUNDWATER	182.00	192.00	18.90	28.90
W47M1A	MW-47	05/30/2000	GROUNDWATER	169.00	179.00	68.81	78.81
W47M1D	MW-47	05/30/2000	GROUNDWATER	169.00	179.00	68.81	78.81
W47M2A	MW-47	05/30/2000	GROUNDWATER	131.50	141.50	31.09	41.09
W47M2D	MW-47	05/30/2000	GROUNDWATER	131.50	141.50	31.09	41.09
W47M3A	MW-47	05/31/2000	GROUNDWATER	115.00	120.00	14.75	19.75
W50DDA	MW-50	05/15/2000	GROUNDWATER	237.00	247.00	116.02	126.02
W50DDD	MW-50	05/15/2000	GROUNDWATER	237.00	247.00	116.02	126.02
W50M1A	MW-50	05/15/2000	GROUNDWATER	207.00	217.00	86.07	96.07
W50M2A	MW-50	05/15/2000	GROUNDWATER	177.00	187.00	56.13	66.13
W50M3A	MW-50	05/16/2000	GROUNDWATER	147.00	157.00	25.85	35.85
W52DDA	MW-52	05/22/2000	GROUNDWATER	369.00	379.00	213.60	223.60
W52M1A	MW-52	05/22/2000	GROUNDWATER	290.00	300.00	135.10	145.10
W52M2A	MW-52	05/23/2000	GROUNDWATER	225.00	235.00	70.05	80.05
W52M3A	MW-52	05/23/2000	GROUNDWATER	210.00	215.00	55.88	60.88
W52SSA	MW-52	05/23/2000	GROUNDWATER	150.00	160.00	-3.82	6.18
W58SSA	MW-58	05/11/2000	GROUNDWATER	100.00	110.00	-4.35	5.65
W66SSA	MW-66	05/01/2000	GROUNDWATER	126.00	136.00	-3.40	6.60
W69M1A	MW-69	05/02/2000	GROUNDWATER	190.00	200.00	75.21	85.21
W69M2A	MW-69	05/02/2000	GROUNDWATER	153.00	163.00	38.15	48.15
W69M2D	MW-69	05/02/2000	GROUNDWATER	153.00	163.00	38.15	48.15
W69SSA	MW-69	05/01/2000	GROUNDWATER	110.00	120.00	-4.80	5.20
W70M1A	MW-70	05/02/2000	GROUNDWATER	257.00	267.00	126.79	136.79
W70SSA	MW-70	05/02/2000	GROUNDWATER	132.00	142.00	1.87	11.87
W71M1A	MW-71	05/04/2000	GROUNDWATER	180.00	190.00	17.75	27.75
W71SSA	MW-71	05/04/2000	GROUNDWATER	158.00	168.00	-4.51	5.49
W74M1A	MW-74	05/01/2000	GROUNDWATER	170.00	180.00	72.86	82.86
W74M2A	MW-74	05/01/2000	GROUNDWATER	125.00	135.00	27.88	37.88
W74M3A	MW-74	05/01/2000	GROUNDWATER	100.00	110.00	2.78	12.78
W75M1A	MW-75	05/01/2000	GROUNDWATER	140.00	150.00	55.73	65.73
W75M2A	MW-75	05/01/2000	GROUNDWATER	115.00	125.00	30.65	40.65
W75SSA	MW-75	05/02/2000	GROUNDWATER	81.00	91.00	-3.35	6.65

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SAMPLING PROGRESS
5/1/2000-5/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W76M1A	MW-76	05/02/2000	GROUNDWATER	125.00	135.00	54.76	64.76
W76M2A	MW-76	05/02/2000	GROUNDWATER	105.00	115.00	34.67	44.67
W76SSA	MW-76	05/02/2000	GROUNDWATER	85.00	95.00	14.72	24.72
W77M1A	MW-77	05/02/2000	GROUNDWATER	180.00	190.00	94.12	104.12
W77M2A	MW-77	05/02/2000	GROUNDWATER	120.00	130.00	34.14	44.14
W77SSA	MW-77	05/02/2000	GROUNDWATER	83.00	93.00	-2.86	7.14
W78M1A	MW-78	05/08/2000	GROUNDWATER	135.00	145.00	54.32	64.32
W78M2A	MW-78	05/09/2000	GROUNDWATER	115.00	125.00	34.55	44.55
W78M3A	MW-78	05/09/2000	GROUNDWATER	85.00	95.00	4.30	14.30
W79M1A	MW-79	05/10/2000	GROUNDWATER	156.00	166.00	64.10	74.10
W79M2A	MW-79	05/09/2000	GROUNDWATER	116.00	126.00	24.10	34.10
W79M2D	MW-79	05/09/2000	GROUNDWATER	116.00	126.00	24.10	34.10
W79SSA	MW-79	05/08/2000	GROUNDWATER	89.00	99.00	-2.96	7.04
W85M1A	MW-85	05/22/2000	GROUNDWATER	137.50	147.50	18.39	28.39
W85SSA	MW-85	05/30/2000	GROUNDWATER	116.00	126.00	-3.15	6.85
W87M1A	MW-87	05/22/2000	GROUNDWATER				
W88M1A	MW-88	05/24/2000	GROUNDWATER	233.00	243.00	89.58	99.58
W88M2A	MW-88	05/24/2000	GROUNDWATER	213.00	223.00	69.60	79.60
W88M3A	MW-88	05/24/2000	GROUNDWATER	173.00	183.00	29.56	39.56
W89M1A	MW-89	05/26/2000	GROUNDWATER	234.00	244.00	89.17	99.17
W89M2A	MW-89	05/26/2000	GROUNDWATER	214.00	224.00	68.95	78.95
W89M3A	MW-83	05/23/2000	GROUNDWATER	174.00	184.00	28.82	38.82
W90M1A	MW-90	05/19/2000	GROUNDWATER	145.00	155.00	24.87	34.87
W90M1D	MW-90	05/19/2000	GROUNDWATER	145.00	155.00	24.87	34.87
W90SSA	MW-90	05/19/2000	GROUNDWATER	118.00	128.00	-2.32	7.68
W91M1A	MW-91	05/22/2000	GROUNDWATER	170.00	180.00	43.37	53.37
W91SSA	MW-91	05/19/2000	GROUNDWATER	124.00	134.00	-2.60	7.40
W92M1A	MW-92	05/19/2000	GROUNDWATER	165.00	175.00	24.06	34.06
W92SSA	MW-92	05/19/2000	GROUNDWATER	139.00	149.00	-2.10	7.90
W93M1A	MW-93	05/26/2000	GROUNDWATER	185.00	195.00	54.90	64.90
W93M2A	MW-93	05/26/2000	GROUNDWATER	145.00	155.00	14.50	24.50
W94M1A	MW-94	05/26/2000	GROUNDWATER	160.00	170.00	34.03	44.03
W94M2A	MW-94	05/30/2000	GROUNDWATER	140.00	150.00	14.04	24.04
W94SSA	MW-94	05/26/2000	GROUNDWATER	124.00	134.00	-1.82	8.18
W95M1A	MW-95	05/25/2000	GROUNDWATER	202.00	212.00	74.99	84.99
W95M2A	MW-95	05/26/2000	GROUNDWATER	167.00	177.00	39.95	49.95
W95SSA	MW-95	05/25/2000	GROUNDWATER	125.00	135.00	-1.90	8.10
W96M1A	MW-96	05/25/2000	GROUNDWATER	206.00	216.00	69.69	79.69
W96M2A	MW-96	05/26/2000	GROUNDWATER	160.00	170.00	23.52	33.52
W96SSA	MW-96	05/25/2000	GROUNDWATER	134.00	144.00	-2.31	7.69
W96SSD	MW-96	05/25/2000	GROUNDWATER	134.00	144.00	-2.31	7.69
W97M1A	MW-97	05/24/2000	GROUNDWATER	235.00	245.00	110.00	120.00
W97M2A	MW-97	05/25/2000	GROUNDWATER	185.00	195.00	59.97	69.97
W97M3A	MW-97	05/24/2000	GROUNDWATER	140.00	150.00	15.03	25.03
W98M1A	MW-98	05/25/2000	GROUNDWATER	164.00	174.00	25.06	35.06
W98SSA	MW-98	05/24/2000	GROUNDWATER	137.00	147.00	-2.05	7.95
W99M1A	MW-99	05/25/2000	GROUNDWATER	170.00	180.00	43.37	53.37
W99M1D	MW-99	05/25/2000	GROUNDWATER	195.00	205.00	59.22	69.22
W99SSA	MW-99	05/25/2000	GROUNDWATER	133.00	143.00	-2.92	7.08
W99SSD	MW-99	05/25/2000	GROUNDWATER	133.00	143.00	-2.92	7.08

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SAMPLING PROGRESS
5/1/2000-5/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
COMPOIL-#2	COMPOIL-#2	05/16/2000	IDW				
DW0518	GAC WATER	05/18/2000	IDW				
DW1505	GAC WATER	05/15/2000	IDW				
LOC-4	HERBERT RD.	05/02/2000	IDW				
LOC-4PS	BFSAND	05/02/2000	IDW				
LOC-5	HERBERT RD.	05/02/2000	IDW				
LOC-5TB	FIELDQC	05/02/2000	IDW	0.00	0.00		
SAND-04	BFSAND	05/25/2000	IDW				
SC10001	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC10002	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC10101	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC10102	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC10201	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC10202	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC10301	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC10302	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC10401	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC10402	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC9301	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC9302	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC9401	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC9402	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC9501	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC9502	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC9601	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC9602	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC9701	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC9702	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC9801	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC9802	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC9901	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
SC9902	SOIL CUTTINGS	05/26/2000	IDW	0.00	0.25		
STEELCOOIL	STEELCOOIL	05/01/2000	IDW				
G100DAA	MW-100	05/04/2000	PROFILE	140.00	140.00	6.00	6.00
G100DBA	MW-100	05/04/2000	PROFILE	150.00	150.00	16.00	16.00
G100DCA	MW-100	05/04/2000	PROFILE	160.00	160.00	26.00	26.00
G100DDA	MW-100	05/04/2000	PROFILE	170.00	170.00	36.00	36.00
G100DDD	MW-100	05/04/2000	PROFILE	170.00	170.00	36.00	36.00
G100DEA	MW-100	05/04/2000	PROFILE	180.00	180.00	46.00	46.00
G100DFA	MW-100	05/05/2000	PROFILE	190.00	190.00	56.00	56.00
G100DGA	MW-100	05/05/2000	PROFILE	200.00	200.00	66.00	66.00
G100DHA	MW-100	05/05/2000	PROFILE	210.00	210.00	76.00	76.00
G100DIA	MW-100	05/05/2000	PROFILE	214.00	214.00	80.00	80.00
G101DAA	MW-101	05/04/2000	PROFILE	140.00	140.00	7.10	7.10
G101DBA	MW-101	05/04/2000	PROFILE	150.00	150.00	17.10	17.10
G101DCA	MW-101	05/05/2000	PROFILE	160.00	160.00	27.10	27.10
G101DDA	MW-101	05/05/2000	PROFILE	170.00	170.00	37.10	37.10
G101DEA	MW-101	05/05/2000	PROFILE	180.00	180.00	47.10	47.10
G101DED	MW-101	05/05/2000	PROFILE	180.00	180.00	47.10	47.10
G101DFA	MW-101	05/05/2000	PROFILE	190.00	190.00	57.10	57.10

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 2
SAMPLING PROGRESS
5/1/2000-5/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G101DGA	MW-101	05/05/2000	PROFILE	200.00	200.00	67.10	67.10
G101DHA	MW-101	05/05/2000	PROFILE	210.00	210.00	77.10	77.10
G101DIA	MW-101	05/09/2000	PROFILE	220.00	220.00	87.10	87.10
G101DID	MW-101	05/09/2000	PROFILE	220.00	220.00	87.10	87.10
G102DAA	MW-102	05/11/2000	PROFILE	150.00	150.00	3.30	3.30
G102DAD	MW-102	05/11/2000	PROFILE	150.00	150.00	3.30	3.30
G102DBA	MW-102	05/11/2000	PROFILE	160.00	160.00	13.30	13.30
G102DCA	MW-102	05/11/2000	PROFILE	170.00	170.00	23.30	23.30
G102DDA	MW-102	05/12/2000	PROFILE	180.00	180.00	33.30	33.30
G102DDD	MW-102	05/12/2000	PROFILE	180.00	180.00	33.30	33.30
G102DEA	MW-102	05/12/2000	PROFILE	190.00	190.00	43.30	43.30
G102DFA	MW-102	05/12/2000	PROFILE	200.00	200.00	53.30	53.30
G102DGA	MW-102	05/12/2000	PROFILE	210.00	210.00	63.30	63.30
G102DHA	MW-102	05/12/2000	PROFILE	220.00	220.00	73.30	73.30
G102DIA	MW-102	05/12/2000	PROFILE	230.00	230.00	83.30	83.30
G102DID	MW-102	05/12/2000	PROFILE	230.00	230.00	83.30	83.30
G102DJA	MW-102	05/15/2000	PROFILE	240.00	240.00	93.30	93.30
G102DKA	MW-102	05/15/2000	PROFILE	250.00	250.00	103.30	103.30
G102DLA	MW-102	05/15/2000	PROFILE	260.00	260.00	113.30	113.30
G102DMA	MW-102	05/15/2000	PROFILE	270.00	270.00	123.30	123.30
G102DNA	MW-102	05/15/2000	PROFILE	280.00	280.00	133.30	133.30
G102DOA	MW-102	05/15/2000	PROFILE	290.00	290.00	143.30	143.30
G102DPA	MW-102	05/15/2000	PROFILE	300.00	300.00	153.30	153.30
G102DQA	MW-102	05/17/2000	PROFILE	310.00	310.00	163.30	163.30
G102DRA	MW-102	05/17/2000	PROFILE	320.00	320.00	173.30	173.30
G102DSA	MW-102	05/17/2000	PROFILE	325.00	325.00	178.30	178.30
G103DAA	MW-103	05/18/2000	PROFILE	150.00	150.00	5.80	5.80
G103DAD	MW-103	05/18/2000	PROFILE	150.00	150.00	5.80	5.80
G103DBA	MW-103	05/18/2000	PROFILE	160.00	160.00	15.80	15.80
G103DCA	MW-103	05/18/2000	PROFILE	170.00	170.00	25.80	25.80
G103DDA	MW-103	05/18/2000	PROFILE	180.00	180.00	35.80	35.80
G103DDD	MW-103	05/18/2000	PROFILE	180.00	180.00	35.80	35.80
G103DEA	MW-103	05/18/2000	PROFILE	190.00	190.00	45.80	45.80
G103DFA	MW-103	05/18/2000	PROFILE	200.00	200.00	55.80	55.80
G103DGA	MW-103	05/18/2000	PROFILE	210.00	210.00	65.80	65.80
G103DHA	MW-103	05/18/2000	PROFILE	220.00	220.00	75.80	75.80
G103DIA	MW-103	05/18/2000	PROFILE	230.00	230.00	85.80	85.80
G103DID	MW-103	05/18/2000	PROFILE	230.00	230.00	85.80	85.80
G103DJA	MW-103	05/22/2000	PROFILE	240.00	240.00	95.80	95.80
G103DKA	MW-103	05/22/2000	PROFILE	250.00	250.00	105.80	105.80
G103DLA	MW-103	05/22/2000	PROFILE	260.00	260.00	115.80	115.80
G103DMA	MW-103	05/22/2000	PROFILE	270.00	270.00	125.80	125.80
G103DNA	MW-103	05/23/2000	PROFILE	280.00	280.00	135.80	135.80
G103DOA	MW-103	05/23/2000	PROFILE	290.00	290.00	145.80	145.80
G103DPA	MW-103	05/23/2000	PROFILE	300.00	300.00	155.80	155.80
G103DQA	MW-103	05/23/2000	PROFILE	310.00	310.00	165.80	165.80
G104DAA	MW-104	05/16/2000	PROFILE	122.00	122.00	1.40	1.40
G104DBA	MW-104	05/17/2000	PROFILE	130.00	130.00	9.40	9.40
G104DCA	MW-104	05/17/2000	PROFILE	140.00	140.00	19.40	19.40
G104DDA	MW-104	05/17/2000	PROFILE	150.00	150.00	29.40	29.40

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SAMPLING PROGRESS
5/1/2000-5/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G104DDD	MW-104	05/17/2000	PROFILE	150.00	150.00	29.40	29.40
G104DEA	MW-104	05/17/2000	PROFILE	160.00	160.00	39.40	39.40
G104DFA	MW-104	05/18/2000	PROFILE	170.00	170.00	49.40	49.40
G104DGA	MW-104	05/18/2000	PROFILE	180.00	180.00	59.40	59.40
G104DHA	MW-104	05/18/2000	PROFILE	190.00	190.00	69.40	69.40
G104DIA	MW-104	05/18/2000	PROFILE	200.00	200.00	79.40	79.40
G104DJA	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40
G104DJD	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40
G104DKA	MW-104	05/22/2000	PROFILE	220.00	220.00	99.40	99.40
G105DAA	MW-105	05/30/2000	PROFILE	130.00	130.00	0.00	0.00
G105DAD	MW-105	05/30/2000	PROFILE	130.00	130.00	0.00	0.00
G105DBA	MW-105	05/30/2000	PROFILE	140.00	140.00	10.00	10.00
G105DCA	MW-105	05/30/2000	PROFILE	150.00	150.00	20.00	20.00
G105DDA	MW-105	05/30/2000	PROFILE	160.00	160.00	30.00	30.00
G105DDD	MW-105	05/30/2000	PROFILE	160.00	160.00	30.00	30.00
G105DEA	MW-105	05/30/2000	PROFILE	170.00	170.00	40.00	40.00
G105DFA	MW-105	05/30/2000	PROFILE	180.00	180.00	50.00	50.00
G105DGA	MW-105	05/31/2000	PROFILE	190.00	190.00	60.00	60.00
G106DAA	MW-106	05/31/2000	PROFILE	140.00	140.00	4.60	4.60
G106DBA	MW-106	05/31/2000	PROFILE	150.00	150.00	14.60	14.60
G106DBD	MW-106	05/31/2000	PROFILE	150.00	150.00	14.60	14.60
G106DCA	MW-106	05/31/2000	PROFILE	160.00	160.00	24.60	24.60
G106DDA	MW-106	05/31/2000	PROFILE	170.00	170.00	34.60	34.60
G106DDD	MW-106	05/31/2000	PROFILE	170.00	170.00	34.60	34.60
S106DCA	MW-106	05/26/2000	SOIL BORING	10.00	12.00		
S106DDA	MW-106	05/30/2000	SOIL BORING	20.00	22.00		
S106DEA	MW-106	05/30/2000	SOIL BORING	30.00	32.00		
S106DFA	MW-106	05/30/2000	SOIL BORING	40.00	42.00		
S106DGA	MW-106	05/30/2000	SOIL BORING	50.00	52.00		
S106DGD	MW-106	05/30/2000	SOIL BORING	50.00	52.00		
S106DHA	MW-106	05/30/2000	SOIL BORING	60.00	62.00		
S106DIA	MW-106	05/30/2000	SOIL BORING	70.00	72.00		
S106DJA	MW-106	05/30/2000	SOIL BORING	80.00	82.00		
S106DKA	MW-106	05/30/2000	SOIL BORING	90.00	92.00		
S106DLA	MW-106	05/31/2000	SOIL BORING	100.00	102.00		
S106DMA	MW-106	05/31/2000	SOIL BORING	110.00	112.00		
S106DMD	MW-106	05/31/2000	SOIL BORING	110.00	112.00		
S106DNA	MW-106	05/31/2000	SOIL BORING	120.00	122.00		
S106DOA	MW-106	05/31/2000	SOIL BORING	130.00	132.00		
S106DPA	MW-106	05/31/2000	SOIL BORING	140.00	142.00		
S100DHA	MW-100	05/03/2000	SOIL BORING	60.00	62.00		
S100DIA	MW-100	05/03/2000	SOIL BORING	70.00	72.00		
S100DJA	MW-100	05/03/2000	SOIL BORING	80.00	82.00		
S100DKA	MW-100	05/03/2000	SOIL BORING	90.00	92.00		
S100DLA	MW-100	05/03/2000	SOIL BORING	100.00	104.00		
S100DMA	MW-100	05/03/2000	SOIL BORING	110.00	112.00		
S100DMD	MW-100	05/03/2000	SOIL BORING	110.00	112.00		
S100DNA	MW-100	05/03/2000	SOIL BORING	120.00	122.00		
S100DOA	MW-100	05/03/2000	SOIL BORING	130.00	132.00		
S101DFA	MW-101	05/03/2000	SOIL BORING	40.00	42.00		

Profiling methods include: Volatiles and Explosives
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SAMPLING PROGRESS
5/1/2000-5/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
S101DGA	MW-101	05/03/2000	SOIL BORING	50.00	52.00		
S101DHA	MW-101	05/03/2000	SOIL BORING	60.00	62.00		
S101DIA	MW-101	05/03/2000	SOIL BORING	70.00	72.00		
S101DJA	MW-101	05/03/2000	SOIL BORING	80.00	82.00		
S101DJD	MW-101	05/03/2000	SOIL BORING	80.00	82.00		
S101DKA	MW-101	05/03/2000	SOIL BORING	90.00	92.00		
S101DLA	MW-101	05/04/2000	SOIL BORING	100.00	102.00		
S101DMA	MW-101	05/04/2000	SOIL BORING	110.00	112.00		
S101DMD	MW-101	05/04/2000	SOIL BORING	110.00	112.00		
S101DNA	MW-101	05/04/2000	SOIL BORING	120.00	122.00		
S101DOA	MW-101	05/04/2000	SOIL BORING	130.00	132.00		
S102DAA	MW-102	05/26/2000	SOIL BORING	0.00	0.50		
S102DBA	MW-102	05/26/2000	SOIL BORING	1.50	2.00		
S102DCA	MW-102	05/08/2000	SOIL BORING	10.00	12.00		
S102DDA	MW-102	05/09/2000	SOIL BORING	20.00	22.00		
S102DEA	MW-102	05/09/2000	SOIL BORING	30.00	32.00		
S102DFA	MW-102	05/09/2000	SOIL BORING	40.00	42.00		
S102DGA	MW-102	05/09/2000	SOIL BORING	50.00	52.00		
S102DGD	MW-102	05/09/2000	SOIL BORING	50.00	52.00		
S102DHA	MW-102	05/10/2000	SOIL BORING	60.00	62.00		
S102DIA	MW-102	05/10/2000	SOIL BORING	70.00	72.00		
S102DJA	MW-102	05/10/2000	SOIL BORING	80.00	80.00		
S102DKA	MW-102	05/10/2000	SOIL BORING	90.00	90.00		
S102DLA	MW-102	05/10/2000	SOIL BORING	100.00	102.00		
S102DMA	MW-102	05/10/2000	SOIL BORING	110.00	112.00		
S102DMD	MW-102	05/10/2000	SOIL BORING	110.00	112.00		
S102DNA	MW-102	05/10/2000	SOIL BORING	120.00	122.00		
S102DOA	MW-102	05/11/2000	SOIL BORING	130.00	132.00		
S102DPA	MW-102	05/11/2000	SOIL BORING	140.00	142.00		
S102DQA	MW-102	05/11/2000	SOIL BORING	150.00	152.00		
S103DAA	MW-103	05/12/2000	SOIL BORING	0.00	0.50		
S103DBA	MW-103	05/12/2000	SOIL BORING	1.50	2.00		
S103DCA	MW-103	05/12/2000	SOIL BORING	12.00	14.00		
S103DDA	MW-103	05/12/2000	SOIL BORING	20.00	22.00		
S103DEA	MW-103	05/15/2000	SOIL BORING	31.50	33.50		
S103DFA	MW-103	05/16/2000	SOIL BORING	40.00	42.00		
S103DGA	MW-103	05/16/2000	SOIL BORING	50.00	52.00		
S103DHA	MW-103	05/16/2000	SOIL BORING	60.00	62.00		
S103DIA	MW-103	05/16/2000	SOIL BORING	70.00	72.00		
S103DJA	MW-103	05/16/2000	SOIL BORING	80.00	82.00		
S103DKA	MW-103	05/17/2000	SOIL BORING	90.00	92.00		
S103DLA	MW-103	05/17/2000	SOIL BORING	100.00	102.00		
S103DMA	MW-103	05/17/2000	SOIL BORING	110.00	112.00		
S103DMD	MW-103	05/17/2000	SOIL BORING	110.00	112.00		
S103DNA	MW-103	05/17/2000	SOIL BORING	120.00	122.00		
S103DOA	MW-103	05/17/2000	SOIL BORING	130.00	132.00		
S103DPA	MW-103	05/17/2000	SOIL BORING	140.00	142.00		
S104DAA	MW-104	05/26/2000	SOIL BORING	0.00	0.50		
S104DBA	MW-104	05/26/2000	SOIL BORING	1.50	2.00		
S104DCA	MW-104	05/12/2000	SOIL BORING	10.00	12.00		

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SAMPLING PROGRESS
5/1/2000-5/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
S104DDA	MW-104	05/12/2000	SOIL BORING	20.00	22.00		
S104DEA	MW-104	05/12/2000	SOIL BORING	30.00	32.00		
S104DFA	MW-104	05/12/2000	SOIL BORING	40.00	42.00		
S104DGA	MW-104	05/12/2000	SOIL BORING	50.00	52.00		
S104DGD	MW-104	05/12/2000	SOIL BORING	50.00	52.00		
S104DHA	MW-104	05/15/2000	SOIL BORING	60.00	62.00		
S104DIA	MW-104	05/15/2000	SOIL BORING	70.00	72.00		
S104DJA	MW-104	05/16/2000	SOIL BORING	80.00	82.00		
S104DKA	MW-104	05/16/2000	SOIL BORING	90.00	92.00		
S104DLA	MW-104	05/16/2000	SOIL BORING	100.00	102.00		
S104DMA	MW-104	05/16/2000	SOIL BORING	110.00	112.00		
S105DAA	MW-105	05/26/2000	SOIL BORING	0.00	0.50		
S105DBA	MW-105	05/26/2000	SOIL BORING	1.50	2.00		
S105DCA	MW-105	05/24/2000	SOIL BORING	10.00	12.00		
S105DDA	MW-105	05/25/2000	SOIL BORING	20.00	22.00		
S105DEA	MW-105	05/25/2000	SOIL BORING	30.00	32.00		
S105DFA	MW-105	05/25/2000	SOIL BORING	40.00	42.00		
S105DGA	MW-105	05/25/2000	SOIL BORING	50.00	52.00		
S105DGD	MW-105	05/25/2000	SOIL BORING	50.00	52.00		
S105DHA	MW-105	05/25/2000	SOIL BORING	60.00	62.00		
S105DIA	MW-105	05/25/2000	SOIL BORING	70.00	72.00		
S105DJA	MW-105	05/25/2000	SOIL BORING	80.00	82.00		
S105DKA	MW-105	05/25/2000	SOIL BORING	90.00	92.00		
S105DLA	MW-105	05/25/2000	SOIL BORING	100.00	102.00		
S105DMA	MW-105	05/25/2000	SOIL BORING	110.00	112.00		
S105DMD	MW-105	05/25/2000	SOIL BORING	110.00	112.00		
S105DNA	MW-105	05/25/2000	SOIL BORING	120.00	122.00		
S105DOA	MW-105	05/25/2000	SOIL BORING	130.00	132.00		
S94DAA	MW-94	05/26/2000	SOIL BORING	0.00	0.50		
S94DBA	MW-94	05/26/2000	SOIL BORING	1.50	2.00		
HC96A1AAA	96A	05/08/2000	SOIL GRID	0.00	0.50		
HC96A1BAA	96A	05/08/2000	SOIL GRID	1.50	2.00		
HC97A1AAA	97A	05/08/2000	SOIL GRID	0.00	0.50		
HC97A1BAA	97A	05/08/2000	SOIL GRID	1.50	2.00		
HC98A1AAA	98A	05/08/2000	SOIL GRID	0.00	0.50		
HC98A1BAA	98A	05/09/2000	SOIL GRID	1.50	2.00		
HC99A1AAA	99A	05/09/2000	SOIL GRID	0.00	0.50		
HC99A1BAA	99A	05/09/2000	SOIL GRID	1.50	2.00		
WOOD CHIPS	WOOD CHIPS	05/02/2000	WOOD CHIPS				
HC44BB1AAT	FIELDQC	05/16/2000	FIELDQC	0.00	0.00		
HC44C1CAE	FIELDQC	05/15/2000	FIELDQC	0.00	0.00		
HC44C1CAF	FIELDQC	05/15/2000	FIELDQC	0.00	0.00		
HC44C1CAT	FIELDQC	05/15/2000	FIELDQC	0.00	0.00		
HC44IA1AAT	FIELDQC	05/16/2000	FIELDQC	0.00	0.00		
HC44LA1AAE	FIELDQC	05/23/2000	FIELDQC	0.00	0.00		
HC44NB1AAE	FIELDQC	05/17/2000	FIELDQC	0.00	0.00		
HC44NB1AAT	FIELDQC	05/17/2000	FIELDQC	0.00	0.00		
HC44UB1AAE	FIELDQC	05/16/2000	FIELDQC	0.00	0.00		
HCAPC1A1AAE	FIELDQC	05/22/2000	FIELDQC	0.00	0.00		
HCAPC1DAE	FIELDQC	05/18/2000	FIELDQC	0.00	0.00		

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SAMPLING PROGRESS
5/1/2000-5/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HCAPC1DAT	FIELDQC	05/18/2000	FIELDQC	0.00	0.00		
HCAPC2A1AAE	FIELDQC	05/19/2000	FIELDQC	0.00	0.00		
HCGMLB1AAE	FIELDQC	05/24/2000	FIELDQC	0.00	0.00		
HD23HA1AAE	FIELDQC	05/25/2000	FIELDQC	0.00	0.00		
HDO2J1AAT	FIELDQC	05/24/2000	FIELDQC	0.00	0.00		
HC44BA1AAA	44BA	05/16/2000	SOIL GRID	0.00	0.50		
HC44BA1AAD	44BA	05/16/2000	SOIL GRID	0.00	0.50		
HC44BB1AAA	44BB	05/16/2000	SOIL GRID	0.00	0.50		
HC44BC1AAA	44BC	05/16/2000	SOIL GRID	0.00	0.50		
HC44C1CAA	44C	05/15/2000	SOIL GRID	1.50	2.00		
HC44C1CAD	44C	05/15/2000	SOIL GRID	1.50	2.00		
HC44CA1AAA	44C	05/15/2000	SOIL GRID	0.00	0.50		
HC44CA1BAA	44C	05/15/2000	SOIL GRID	1.50	2.00		
HC44CC1AAA	44CC	05/15/2000	SOIL GRID	0.00	0.50		
HC44CC1BAA	44CC	05/15/2000	SOIL GRID	1.50	2.00		
HC44DA1AAA	44DA	05/16/2000	SOIL GRID	0.00	0.50		
HC44DB1AAA	44DB	05/16/2000	SOIL GRID	0.00	0.50		
HC44DC1AAA	44DC	05/16/2000	SOIL GRID	0.00	0.50		
HC44E1CAA	44E	05/15/2000	SOIL GRID	1.50	2.00		
HC44EA1AAA	44EA	05/15/2000	SOIL GRID	0.00	0.50		
HC44EA1BAA	44EA	05/15/2000	SOIL GRID	1.50	2.00		
HC44EB1AAA	44EB	05/16/2000	SOIL GRID	0.00	0.50		
HC44EB1BAA	44EB	05/16/2000	SOIL GRID	1.50	2.00		
HC44EC1AAA	44EC	05/15/2000	SOIL GRID	0.00	0.50		
HC44EC1BAA	44EC	05/15/2000	SOIL GRID	1.50	2.00		
HC44FA1AAA	44FA	05/18/2000	SOIL GRID	0.00	0.50		
HC44FB1AAA	44FB	05/18/2000	SOIL GRID	0.00	0.50		
HC44FC1AAA	44FC	05/18/2000	SOIL GRID	0.00	0.50		
HC44GA1AAA	44GA	05/16/2000	SOIL GRID	0.00	0.50		
HC44GB1AAA	44GB	05/16/2000	SOIL GRID	0.00	0.50		
HC44GB1AAD	44GB	05/16/2000	SOIL GRID	0.00	0.50		
HC44GC1AAA	44GC	05/16/2000	SOIL GRID	0.00	0.50		
HC44GC1AAD	44GC	05/16/2000	SOIL GRID	0.00	0.50		
HC44IA1AAA	44IA	05/16/2000	SOIL GRID	0.00	0.50		
HC44IB1AAA	44IB	05/16/2000	SOIL GRID	0.00	0.50		
HC44IC1AAA	44IC	05/16/2000	SOIL GRID	0.00	0.50		
HC44J1DAA	44J	05/18/2000	SOIL GRID	1.50	2.00		
HC44JA1AAA	44JA	05/23/2000	SOIL GRID	0.00	0.50		
HC44JB1AAA	44JB	05/23/2000	SOIL GRID	0.00	0.50		
HC44JC1AAA	44JC	05/23/2000	SOIL GRID	0.00	0.50		
HC44K1DAA	44K	05/18/2000	SOIL GRID	1.50	2.00		
HC44KA1AAA	44KA	05/23/2000	SOIL GRID	0.00	0.50		
HC44KB1AAA	44KB	05/23/2000	SOIL GRID	0.00	0.50		
HC44KC1AAA	44KC	05/23/2000	SOIL GRID	0.00	0.50		
HC44KC1AAD	44KC	05/23/2000	SOIL GRID	0.00	0.50		
HC44L1DAA	44L	05/23/2000	SOIL GRID	1.50	2.00		
HC44LA1AAA	44LA	05/23/2000	SOIL GRID	0.00	0.50		
HC44MA1AAA	44MA	05/17/2000	SOIL GRID	0.00	0.50		
HC44MA1BAA	44MA	05/17/2000	SOIL GRID	0.50	1.00		
HC44MB1AAA	44MB	05/17/2000	SOIL GRID	0.00	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
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
5/1/2000-5/31/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC44MB1BAA	44MB	05/17/2000	SOIL GRID	0.50	1.00		
HC44MC1AAA	44MC	05/16/2000	SOIL GRID	0.00	0.50		
HC44MC1BAA	44MC	05/16/2000	SOIL GRID	1.50	2.00		
HC44N1DAA	44N	05/17/2000	SOIL GRID	1.50	2.00		
HC44NA1AAA	44NA	05/17/2000	SOIL GRID	0.00	0.50		
HC44NA1BAA	44NA	05/17/2000	SOIL GRID	0.50	1.00		
HC44NB1AAA	44NB	05/17/2000	SOIL GRID	0.00	0.50		
HC44NB1BAA	44NB	05/17/2000	SOIL GRID	0.50	1.00		
HC44NC1AAA	44NC	05/18/2000	SOIL GRID	0.00	0.50		
HC44NC1BAA	44NC	05/18/2000	SOIL GRID	0.50	1.00		
HC44TA1AAA	44TA	05/16/2000	SOIL GRID	0.00	0.50		
HC44TA1AAD	44TA	05/16/2000	SOIL GRID	0.00	0.50		
HC44TB1AAA	44TB	05/16/2000	SOIL GRID	0.00	0.50		
HC44TC1AAA	44TC	05/16/2000	SOIL GRID	0.00	0.50		
HC44UA1AAA	44UA	05/16/2000	SOIL GRID	0.00	0.50		
HC44UB1AAA	44UB	05/16/2000	SOIL GRID	0.00	0.50		
HC44UB1AAD	44UB	05/16/2000	SOIL GRID	0.00	0.50		
HC44UC1AAA	44UC	05/16/2000	SOIL GRID	0.00	0.50		
HCAPC1A1AAA	HCAPC1A1AAA	05/22/2000	SOIL GRID	0.00	0.50		
HCAPC1A1BAA	HCAPC1A1BAA	05/22/2000	SOIL GRID	0.50	1.00		
HCAPC1DAA	HCAPC1DAA	05/18/2000	SOIL GRID	1.50	2.00		
HCAPC2A1AAA	HCAPC2A1AAA	05/22/2000	SOIL GRID	0.00	0.50		
HCAPC2A1BAA	HCAPC2A1BAA	05/22/2000	SOIL GRID	0.50	1.00		
HCAPC2B1AAA	HCAPC2B1AAA	05/22/2000	SOIL GRID	0.00	0.50		
HCAPC2B1BAA	HCAPC2B1BAA	05/22/2000	SOIL GRID	0.50	1.00		
HCAPC2B1BAD	HCAPC2B1BAD	05/22/2000	SOIL GRID	0.50	1.00		
HCAPC2C1AAA	HCAPC2C1AAA	05/22/2000	SOIL GRID	0.00	0.50		
HCAPC2C1BAA	HCAPC2C1BAA	05/22/2000	SOIL GRID	0.50	1.00		
HCAPC2DAA	HCAPC2DAA	05/19/2000	SOIL GRID	1.50	1.50		
HCAPC3A1AAA	HCAPC3A1AAA	05/19/2000	SOIL GRID	0.00	0.50		
HCAPC3A1BAA	HCAPC3A1BAA	05/19/2000	SOIL GRID	0.50	1.00		
HCAPC3B1AAA	HCAPC3B1AAA	05/19/2000	SOIL GRID	0.00	0.50		
HCAPC3B1BAA	HCAPC3B1BAA	05/19/2000	SOIL GRID	0.50	1.00		
HCAPC3C1AAA	HCAPC3C1AAA	05/22/2000	SOIL GRID	0.00	0.50		
HCAPC3C1BAA	HCAPC3C1BAA	05/22/2000	SOIL GRID	0.50	1.00		
HCAPC3DAA	HCAPC3DAA	05/19/2000	SOIL GRID	1.50	2.00		
HCGMLA1AAA	HCGMLA1AAA	05/24/2000	SOIL GRID	0.00	0.50		
HCGMLB1AAA	HCGMLB1AAA	05/24/2000	SOIL GRID	0.00	0.50		
HCGMLC1AAA	HCGMLC1AAA	05/24/2000	SOIL GRID	0.00	0.50		
HCGMLC1AAD	HCGMLC1AAA	05/24/2000	SOIL GRID	0.00	0.50		
HD23B1CAA	23B	05/25/2000	SOIL GRID	1.00	1.50		
HD23B1DAA	23B	05/25/2000	SOIL GRID	1.50	2.00		
HD23B1EAA	23B	05/25/2000	SOIL GRID	2.00	2.50		
HD23B1FAA	23B	05/25/2000	SOIL GRID	2.50	3.00		
HD23HA1AAA	23HA	05/25/2000	SOIL GRID	0.00	0.50		
HD23I1CAA	23I	05/25/2000	SOIL GRID	1.50	2.00		
HD23IA1AAA	23IA	05/25/2000	SOIL GRID	0.00	0.50		
HD23IB1AAA	23IB	05/25/2000	SOIL GRID	0.00	0.50		
HDO2J1AAA	HDO2J1AAA	05/24/2000	SOIL GRID	0.00	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
SBD = Sample Begin Depth, measured in feet bgs
SED = Sample End Depth, measured in feet bgs
BWTS = Depth below water table, start depth, measured in feet
BWTE = Depth below water table, end depth, measured in feet

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH MAY 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 (ETHYI	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-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
MW-23	W23M1A	9/13/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.10		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 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 4/16/00-05/31/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
HCP19105MM	HCP19105MM	04/24/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HCP19105MM	HCP19105MM	04/24/2000	CRATER GRAB	0.00	0.25			8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
HCP19105MM5	HCP19105MM5	05/05/2000	CRATER GRAB	0.00	0.25			8330N	2,4,6-TRINITROTOLUENE	YES
HCP19105MM5	HCP19105MM5	05/05/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HCP19105MM5	HCP19105MM5	05/05/2000	CRATER GRAB	0.00	0.25			8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
HCT981MM	HCT981MM	04/24/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HDJ260MM	HDJ260MM	04/24/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HDJ281MM	HDJ281MM	05/04/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HDJ281MM2	HDJ281MM2	05/19/2000	CRATER GRAB					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HDJ2LAW11	HDJ2LAW11	05/04/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HDJ2LAW11	HDJ2LAW11	05/04/2000	CRATER GRAB	0.00	0.25			8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
HDJ2LAW3	HDJ2LAW3	04/24/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HDJ2LAW3	HDJ2LAW3	04/24/2000	CRATER GRAB	0.00	0.25			8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
HDJ2LAW4	HDJ2LAW4	04/24/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HDJ2LAW4	HDJ2LAW4	04/24/2000	CRATER GRAB	0.00	0.25			8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
HDP19105MM	HDP19105MM	04/24/2000	CRATER GRAB	0.00	0.25			8330N	2-NITROTOLUENE	NO
HDP19105MM	HDP19105MM	04/24/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HDP19105MM	HDP19105MM	04/24/2000	CRATER GRAB	0.00	0.25			8330N	NITROGLYCERIN	NO
HDP19105MM	HDP19105MM	04/24/2000	CRATER GRAB	0.00	0.25			8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
HDP19105MM1	HDP19105MM1	05/05/2000	CRATER GRAB	0.00	0.25			8330N	2,6-DINITROTOLUENE	NO
HDP19105MM1	HDP19105MM1	05/05/2000	CRATER GRAB	0.00	0.25			8330N	2-NITROTOLUENE	YES
HDP19105MM1	HDP19105MM1	05/05/2000	CRATER GRAB	0.00	0.25			8330N	PENTAERYTHRITOL TETRANITR	NO
HDP19105MM1	HDP19105MM1	05/05/2000	CRATER GRAB	0.00	0.25			8330N	PICRIC ACID	NO
HDP19105MM5	HDP19105MM5	05/05/2000	CRATER GRAB	0.00	0.25			8330N	2,4,6-TRINITROTOLUENE	YES
HDP19105MM5	HDP19105MM5	05/05/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HDP19105MM5	HDP19105MM5	05/05/2000	CRATER GRAB	0.00	0.25			8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
HDT981MM	HDT981MM	04/24/2000	CRATER GRAB	0.00	0.25			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
HDT981MM	HDT981MM	04/24/2000	CRATER GRAB	0.00	0.25			8330N	PENTAERYTHRITOL TETRANITR	YES
90MW0003	90MW0003	05/04/2000	GROUNDWATER					8330N	1,3,5-TRINITROBENZENE	NO
90MW0003	90MW0003	05/04/2000	GROUNDWATER					8330N	2-NITROTOLUENE	NO
90MW0003	90MW0003	05/04/2000	GROUNDWATER					8330N	3-NITROTOLUENE	NO
W01M2A	MW-01	05/10/2000	GROUNDWATER	160.00	165.00	40.60	45.60	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W02M2A	MW-02	05/11/2000	GROUNDWATER	170.00	175.00	28.36	33.36	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 4/16/00-05/31/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W02M2A	MW-02	05/11/2000	GROUNDWATER	170.00	175.00	28.36	33.36	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W19SSA	MW-19	05/12/2000	GROUNDWATER	38.00	48.00	-7.00	3.00	8330N	2,4,6-TRINITROTOLUENE	YES
W19SSA	MW-19	05/23/2000	GROUNDWATER	38.00	48.00	-6.91	3.09	8330N	2,4,6-TRINITROTOLUENE	YES
W19SSA	MW-19	05/12/2000	GROUNDWATER	38.00	48.00	-7.00	3.00	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W19SSA	MW-19	05/23/2000	GROUNDWATER	38.00	48.00	-6.91	3.09	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W19SSA	MW-19	05/12/2000	GROUNDWATER	38.00	48.00	-7.00	3.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W19SSA	MW-19	05/23/2000	GROUNDWATER	38.00	48.00	-6.91	3.09	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W19SSA	MW-19	05/12/2000	GROUNDWATER	38.00	48.00	-7.00	3.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W19SSA	MW-19	05/23/2000	GROUNDWATER	38.00	48.00	-6.91	3.09	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W19SSA	MW-19	05/12/2000	GROUNDWATER	38.00	48.00	-7.00	3.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W19SSA	MW-19	05/23/2000	GROUNDWATER	38.00	48.00	-6.91	3.09	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W23M1A	MW-23	05/12/2000	GROUNDWATER	225.00	235.00	95.54	105.54	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W31M1A	MW-31	05/15/2000	GROUNDWATER	113.00	123.00	23.21	33.21	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W31M1A	MW-31	05/15/2000	GROUNDWATER	113.00	123.00	23.21	33.21	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W31M1A	MW-31	05/15/2000	GROUNDWATER	113.00	123.00	23.21	33.21	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W31M1A	MW-31	05/15/2000	GROUNDWATER	113.00	123.00	23.21	33.21	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W31SSA	MW-31	05/15/2000	GROUNDWATER	98.00	103.00	8.17	13.17	8330N	2,4,6-TRINITROTOLUENE	YES
W31SSA	MW-31	05/15/2000	GROUNDWATER	98.00	103.00	8.17	13.17	8330N	2,4-DINITROTOLUENE	YES
W31SSA	MW-31	05/15/2000	GROUNDWATER	98.00	103.00	8.17	13.17	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W31SSA	MW-31	05/15/2000	GROUNDWATER	98.00	103.00	8.17	13.17	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W31SSA	MW-31	05/15/2000	GROUNDWATER	98.00	103.00	8.17	13.17	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W31SSA	MW-31	05/15/2000	GROUNDWATER	98.00	103.00	8.17	13.17	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W34M1A	MW-34	05/17/2000	GROUNDWATER	151.00	161.00	70.88	80.88	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W34M2A	MW-34	05/18/2000	GROUNDWATER	131.00	141.00	50.72	60.72	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W38M3A	MW-38	05/16/2000	GROUNDWATER	170.00	180.00	48.52	58.52	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W38M4A	MW-38	05/16/2000	GROUNDWATER	132.00	142.00	10.45	20.45	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W50M1A	MW-50	05/15/2000	GROUNDWATER	207.00	217.00	86.07	96.07	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W50M1A	MW-50	05/15/2000	GROUNDWATER	207.00	217.00	86.07	96.07	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W58SSA	MW-58	05/11/2000	GROUNDWATER	100.00	110.00	-4.35	5.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W58SSA	MW-58	05/11/2000	GROUNDWATER	100.00	110.00	-4.35	5.65	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W75M2A	MW-75	05/01/2000	GROUNDWATER	115.00	125.00	30.65	40.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W76M2A	MW-76	05/02/2000	GROUNDWATER	105.00	115.00	34.67	44.67	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W76M2A	MW-76	05/02/2000	GROUNDWATER	105.00	115.00	34.67	44.67	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES

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DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 4/16/00-05/31/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W76SSA	MW-76	05/02/2000	GROUNDWATER	85.00	95.00	14.72	24.72	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W76SSA	MW-76	05/02/2000	GROUNDWATER	85.00	95.00	14.72	24.72	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W77M1A	MW-77	05/02/2000	GROUNDWATER	180.00	190.00	94.12	104.12	8330N	TETRYL	NO
W77M2A	MW-77	05/02/2000	GROUNDWATER	120.00	130.00	34.14	44.14	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W77M2A	MW-77	05/02/2000	GROUNDWATER	120.00	130.00	34.14	44.14	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W77M2A	MW-77	05/02/2000	GROUNDWATER	120.00	130.00	34.14	44.14	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W77M2A	MW-77	05/02/2000	GROUNDWATER	120.00	130.00	34.14	44.14	8330N	TETRYL	NO
W85M1A	MW-85	05/22/2000	GROUNDWATER	137.50	147.50	18.39	28.39	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W85M1A	MW-85	05/22/2000	GROUNDWATER	137.50	147.50	18.39	28.39	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W86M2A	MW-86	04/28/2000	GROUNDWATER	158.00	168.00	12.37	22.37	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W86SSA	MW-86	04/28/2000	GROUNDWATER	143.00	153.00	-2.59	7.41	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W87M1A	MW-87	04/28/2000	GROUNDWATER	194.00	204.00	59.53	69.53	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W87M1A	MW-87	04/28/2000	GROUNDWATER	194.00	204.00	59.53	69.53	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W87M2A	MW-87	04/28/2000	GROUNDWATER	169.00	179.00	34.42	44.42	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W88M2A	MW-88	05/24/2000	GROUNDWATER	213.00	223.00	69.60	79.60	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W88M2A	MW-88	05/24/2000	GROUNDWATER	213.00	223.00	69.60	79.60	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W90M1A	MW-90	05/19/2000	GROUNDWATER	145.00	155.00	24.87	34.87	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W90M1A	MW-90	05/19/2000	GROUNDWATER	145.00	155.00	24.87	34.87	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W90M1D	MW-90	05/19/2000	GROUNDWATER	145.00	155.00	24.87	34.87	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W90M1D	MW-90	05/19/2000	GROUNDWATER	145.00	155.00	24.87	34.87	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W90SSA	MW-90	05/19/2000	GROUNDWATER	118.00	128.00	-2.32	7.68	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W90SSA	MW-90	05/19/2000	GROUNDWATER	118.00	128.00	-2.32	7.68	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W91M1A	MW-91	05/22/2000	GROUNDWATER	170.00	180.00	43.37	53.37	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W91M1A	MW-91	05/22/2000	GROUNDWATER	170.00	180.00	43.37	53.37	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W91SSA	MW-91	05/19/2000	GROUNDWATER	124.00	134.00	-2.60	7.40	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W91SSA	MW-91	05/19/2000	GROUNDWATER	124.00	134.00	-2.60	7.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W91SSA	MW-91	05/19/2000	GROUNDWATER	124.00	134.00	-2.60	7.40	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W92M1A	MW-92	05/19/2000	GROUNDWATER	165.00	175.00	24.06	34.06	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W98SSA	MW-98	05/24/2000	GROUNDWATER	137.00	147.00	-2.05	7.95	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
G100DAA	MW-100	05/04/2000	PROFILE	140.00	140.00	6.00	6.00	8330N	2,6-DINITROTOLUENE	YES
G100DAA	MW-100	05/04/2000	PROFILE	140.00	140.00	6.00	6.00	8330N	NITROGLYCERIN	NO
G100DBA	MW-100	05/04/2000	PROFILE	150.00	150.00	16.00	16.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G100DBA	MW-100	05/04/2000	PROFILE	150.00	150.00	16.00	16.00	8330N	NITROGLYCERIN	NO

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G100DCA	MW-100	05/04/2000	PROFILE	160.00	160.00	26.00	26.00	8330N	NITROGLYCERIN	NO
G100DDA	MW-100	05/04/2000	PROFILE	170.00	170.00	36.00	36.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G100DDA	MW-100	05/04/2000	PROFILE	170.00	170.00	36.00	36.00	8330N	NITROGLYCERIN	NO
G100DDA	MW-100	05/04/2000	PROFILE	170.00	170.00	36.00	36.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G100DDA	MW-100	05/04/2000	PROFILE	170.00	170.00	36.00	36.00	8330N	PICRIC ACID	NO
G100DDD	MW-100	05/04/2000	PROFILE	170.00	170.00	36.00	36.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G100DDD	MW-100	05/04/2000	PROFILE	170.00	170.00	36.00	36.00	8330N	NITROGLYCERIN	NO
G100DDD	MW-100	05/04/2000	PROFILE	170.00	170.00	36.00	36.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G100DDD	MW-100	05/04/2000	PROFILE	170.00	170.00	36.00	36.00	8330N	PICRIC ACID	NO
G100DEA	MW-100	05/04/2000	PROFILE	180.00	180.00	46.00	46.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G100DEA	MW-100	05/04/2000	PROFILE	180.00	180.00	46.00	46.00	8330N	NITROGLYCERIN	NO
G100DEA	MW-100	05/04/2000	PROFILE	180.00	180.00	46.00	46.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G100DEA	MW-100	05/04/2000	PROFILE	180.00	180.00	46.00	46.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G100DEA	MW-100	05/04/2000	PROFILE	180.00	180.00	46.00	46.00	8330N	PICRIC ACID	NO
G100DFA	MW-100	05/05/2000	PROFILE	190.00	190.00	56.00	56.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G101DAA	MW-101	05/04/2000	PROFILE	140.00	140.00	7.10	7.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G101DAA	MW-101	05/04/2000	PROFILE	140.00	140.00	7.10	7.10	8330N	NITROGLYCERIN	NO
G101DBA	MW-101	05/04/2000	PROFILE	150.00	150.00	17.10	17.10	8330N	2,6-DINITROTOLUENE	YES
G101DBA	MW-101	05/04/2000	PROFILE	150.00	150.00	17.10	17.10	8330N	3-NITROTOLUENE	NO
G101DBA	MW-101	05/04/2000	PROFILE	150.00	150.00	17.10	17.10	8330N	4-NITROTOLUENE	NO
G101DBA	MW-101	05/04/2000	PROFILE	150.00	150.00	17.10	17.10	8330N	NITROGLYCERIN	NO
G101DBA	MW-101	05/04/2000	PROFILE	150.00	150.00	17.10	17.10	8330N	PENTAERYTHRITOL TETRANITR	NO
G101DCA	MW-101	05/05/2000	PROFILE	160.00	160.00	27.10	27.10	8330N	2,6-DINITROTOLUENE	YES
G101DCA	MW-101	05/05/2000	PROFILE	160.00	160.00	27.10	27.10	8330N	3-NITROTOLUENE	NO
G101DCA	MW-101	05/05/2000	PROFILE	160.00	160.00	27.10	27.10	8330N	4-NITROTOLUENE	NO
G101DCA	MW-101	05/05/2000	PROFILE	160.00	160.00	27.10	27.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G101DCA	MW-101	05/05/2000	PROFILE	160.00	160.00	27.10	27.10	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G101DCA	MW-101	05/05/2000	PROFILE	160.00	160.00	27.10	27.10	8330N	PENTAERYTHRITOL TETRANITR	NO
G101DCA	MW-101	05/05/2000	PROFILE	160.00	160.00	27.10	27.10	8330N	TETRYL	NO
G101DDA	MW-101	05/05/2000	PROFILE	170.00	170.00	37.10	37.10	8330N	PENTAERYTHRITOL TETRANITR	NO
G101DEA	MW-101	05/05/2000	PROFILE	180.00	180.00	47.10	47.10	8330N	4-NITROTOLUENE	NO
G101DEA	MW-101	05/05/2000	PROFILE	180.00	180.00	47.10	47.10	8330N	PENTAERYTHRITOL TETRANITR	NO
G101DEA	MW-101	05/05/2000	PROFILE	180.00	180.00	47.10	47.10	8330N	TETRYL	NO

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G101DED	MW-101	05/05/2000	PROFILE	180.00	180.00	47.10	47.10	8330N	2,6-DINITROTOLUENE	YES
G101DED	MW-101	05/05/2000	PROFILE	180.00	180.00	47.10	47.10	8330N	3-NITROTOLUENE	NO
G101DED	MW-101	05/05/2000	PROFILE	180.00	180.00	47.10	47.10	8330N	4-NITROTOLUENE	NO
G101DED	MW-101	05/05/2000	PROFILE	180.00	180.00	47.10	47.10	8330N	PENTAERYTHRITOL TETRANITR	NO
G101DED	MW-101	05/05/2000	PROFILE	180.00	180.00	47.10	47.10	8330N	TETRYL	NO
G101DFA	MW-101	05/05/2000	PROFILE	190.00	190.00	57.10	57.10	8330N	3-NITROTOLUENE	NO
G101DFA	MW-101	05/05/2000	PROFILE	190.00	190.00	57.10	57.10	8330N	4-NITROTOLUENE	NO
G101DFA	MW-101	05/05/2000	PROFILE	190.00	190.00	57.10	57.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G101DFA	MW-101	05/05/2000	PROFILE	190.00	190.00	57.10	57.10	8330N	OCTAHYDRO-1,3,5,7-TETRANITF	YES
G101DFA	MW-101	05/05/2000	PROFILE	190.00	190.00	57.10	57.10	8330N	PENTAERYTHRITOL TETRANITR	NO
G101DFA	MW-101	05/05/2000	PROFILE	190.00	190.00	57.10	57.10	8330N	TETRYL	NO
G101DGA	MW-101	05/05/2000	PROFILE	200.00	200.00	67.10	67.10	8330N	2,6-DINITROTOLUENE	YES
G101DGA	MW-101	05/05/2000	PROFILE	200.00	200.00	67.10	67.10	8330N	3-NITROTOLUENE	NO
G101DGA	MW-101	05/05/2000	PROFILE	200.00	200.00	67.10	67.10	8330N	4-NITROTOLUENE	NO
G101DGA	MW-101	05/05/2000	PROFILE	200.00	200.00	67.10	67.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G101DGA	MW-101	05/05/2000	PROFILE	200.00	200.00	67.10	67.10	8330N	PENTAERYTHRITOL TETRANITR	NO
G101DGA	MW-101	05/05/2000	PROFILE	200.00	200.00	67.10	67.10	8330N	TETRYL	NO
G101DHA	MW-101	05/05/2000	PROFILE	210.00	210.00	77.10	77.10	8330N	PENTAERYTHRITOL TETRANITR	NO
G101DIA	MW-101	05/09/2000	PROFILE	220.00	220.00	87.10	87.10	8330N	2,6-DINITROTOLUENE	NO
G101DIA	MW-101	05/09/2000	PROFILE	220.00	220.00	87.10	87.10	8330N	PENTAERYTHRITOL TETRANITR	NO
G101DIA	MW-101	05/09/2000	PROFILE	220.00	220.00	87.10	87.10	8330N	TETRYL	NO
G101DID	MW-101	05/09/2000	PROFILE	220.00	220.00	87.10	87.10	8330N	2,6-DINITROTOLUENE	NO
G101DID	MW-101	05/09/2000	PROFILE	220.00	220.00	87.10	87.10	8330N	PENTAERYTHRITOL TETRANITR	NO
G101DID	MW-101	05/09/2000	PROFILE	220.00	220.00	87.10	87.10	8330N	TETRYL	NO
G102DAA	MW-102	05/11/2000	PROFILE	150.00	150.00	3.30	3.30	8330N	2,6-DINITROTOLUENE	YES
G102DAA	MW-102	05/11/2000	PROFILE	150.00	150.00	3.30	3.30	8330N	2-NITROTOLUENE	NO
G102DAA	MW-102	05/11/2000	PROFILE	150.00	150.00	3.30	3.30	8330N	3-NITROTOLUENE	NO
G102DAA	MW-102	05/11/2000	PROFILE	150.00	150.00	3.30	3.30	8330N	4-NITROTOLUENE	NO
G102DAD	MW-102	05/11/2000	PROFILE	150.00	150.00	3.30	3.30	8330N	2,6-DINITROTOLUENE	YES
G102DAD	MW-102	05/11/2000	PROFILE	150.00	150.00	3.30	3.30	8330N	2-NITROTOLUENE	NO
G102DAD	MW-102	05/11/2000	PROFILE	150.00	150.00	3.30	3.30	8330N	3-NITROTOLUENE	NO
G102DAD	MW-102	05/11/2000	PROFILE	150.00	150.00	3.30	3.30	8330N	4-NITROTOLUENE	NO
G102DAD	MW-102	05/11/2000	PROFILE	150.00	150.00	3.30	3.30	8330N	PENTAERYTHRITOL TETRANITR	NO

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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 4/16/00-05/31/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G102DCA	MW-102	05/11/2000	PROFILE	170.00	170.00	23.30	23.30	8330N	2,6-DINITROTOLUENE	YES
G102DCA	MW-102	05/11/2000	PROFILE	170.00	170.00	23.30	23.30	8330N	3-NITROTOLUENE	NO
G102DCA	MW-102	05/11/2000	PROFILE	170.00	170.00	23.30	23.30	8330N	4-NITROTOLUENE	NO
G103DAA	MW-103	05/18/2000	PROFILE	150.00	150.00	5.80	5.80	8330N	2,6-DINITROTOLUENE	NO
G103DAD	MW-103	05/18/2000	PROFILE	150.00	150.00	5.80	5.80	8330N	2,6-DINITROTOLUENE	NO
G103DHA	MW-103	05/18/2000	PROFILE	220.00	220.00	75.80	75.80	8330N	2-NITROTOLUENE	NO
G103DHA	MW-103	05/18/2000	PROFILE	220.00	220.00	75.80	75.80	8330N	3-NITROTOLUENE	NO
G103DHA	MW-103	05/18/2000	PROFILE	220.00	220.00	75.80	75.80	8330N	4-NITROTOLUENE	NO
G103DHA	MW-103	05/18/2000	PROFILE	220.00	220.00	75.80	75.80	8330N	PENTAERYTHRITOL TETRANITR	NO
G103DHA	MW-103	05/18/2000	PROFILE	220.00	220.00	75.80	75.80	8330N	PICRIC ACID	NO
G103DIA	MW-103	05/18/2000	PROFILE	230.00	230.00	85.80	85.80	8330N	3-NITROTOLUENE	NO
G103DIA	MW-103	05/18/2000	PROFILE	230.00	230.00	85.80	85.80	8330N	4-NITROTOLUENE	NO
G103DIA	MW-103	05/18/2000	PROFILE	230.00	230.00	85.80	85.80	8330N	NITROGLYCERIN	NO
G103DLA	MW-103	05/22/2000	PROFILE	260.00	260.00	115.80	115.80	8330N	PENTAERYTHRITOL TETRANITR	NO
G103DMA	MW-103	05/22/2000	PROFILE	270.00	270.00	125.80	125.80	8330N	2,6-DINITROTOLUENE	NO
G103DMA	MW-103	05/22/2000	PROFILE	270.00	270.00	125.80	125.80	8330N	2-NITROTOLUENE	NO
G103DMA	MW-103	05/22/2000	PROFILE	270.00	270.00	125.80	125.80	8330N	3-NITROTOLUENE	NO
G103DMA	MW-103	05/22/2000	PROFILE	270.00	270.00	125.80	125.80	8330N	4-NITROTOLUENE	NO
G103DMA	MW-103	05/22/2000	PROFILE	270.00	270.00	125.80	125.80	8330N	PENTAERYTHRITOL TETRANITR	NO
G103DMA	MW-103	05/22/2000	PROFILE	270.00	270.00	125.80	125.80	8330N	PICRIC ACID	NO
G103DNA	MW-103	05/23/2000	PROFILE	280.00	280.00	135.80	135.80	8330N	NITROGLYCERIN	NO
G103DNA	MW-103	05/23/2000	PROFILE	280.00	280.00	135.80	135.80	8330N	PICRIC ACID	NO
G103DQA	MW-103	05/23/2000	PROFILE	310.00	310.00	165.80	165.80	8330N	2,4-DIAMINO-6-NITROTOLUENE	YES
G104DAA	MW-104	05/16/2000	PROFILE	122.00	122.00	1.40	1.40	OC21V	2-HEXANONE	
G104DAA	MW-104	05/16/2000	PROFILE	122.00	122.00	1.40	1.40	OC21V	ACETONE	
G104DAA	MW-104	05/16/2000	PROFILE	122.00	122.00	1.40	1.40	OC21V	CHLOROETHANE	
G104DAA	MW-104	05/16/2000	PROFILE	122.00	122.00	1.40	1.40	OC21V	CHLOROFORM	
G104DAA	MW-104	05/16/2000	PROFILE	122.00	122.00	1.40	1.40	OC21V	CHLOROMETHANE	
G104DAA	MW-104	05/16/2000	PROFILE	122.00	122.00	1.40	1.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G104DAA	MW-104	05/16/2000	PROFILE	122.00	122.00	1.40	1.40	OC21V	METHYL ISOBUTYL KETONE (4-M	
G104DBA	MW-104	05/17/2000	PROFILE	130.00	130.00	9.40	9.40	OC21V	ACETONE	
G104DBA	MW-104	05/17/2000	PROFILE	130.00	130.00	9.40	9.40	OC21V	CHLOROETHANE	
G104DBA	MW-104	05/17/2000	PROFILE	130.00	130.00	9.40	9.40	OC21V	CHLOROFORM	

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(UNVALIDATED)
SAMPLES COLLECTED 4/16/00-05/31/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G104DBA	MW-104	05/17/2000	PROFILE	130.00	L30.00	9.40	9.40	OC21V	CHLOROMETHANE	
G104DBA	MW-104	05/17/2000	PROFILE	130.00	L30.00	9.40	9.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G104DCA	MW-104	05/17/2000	PROFILE	140.00	L40.00	19.40	19.40	8330N	2,6-DINITROTOLUENE	NO
G104DCA	MW-104	05/17/2000	PROFILE	140.00	L40.00	19.40	19.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G104DCA	MW-104	05/17/2000	PROFILE	140.00	L40.00	19.40	19.40	8330N	PENTAERYTHRITOL TETRANITR	NO
G104DCA	MW-104	05/17/2000	PROFILE	140.00	L40.00	19.40	19.40	OC21V	ACETONE	
G104DCA	MW-104	05/17/2000	PROFILE	140.00	L40.00	19.40	19.40	OC21V	CHLOROFORM	
G104DCA	MW-104	05/17/2000	PROFILE	140.00	L40.00	19.40	19.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G104DDA	MW-104	05/17/2000	PROFILE	150.00	L50.00	29.40	29.40	8330N	2,6-DINITROTOLUENE	NO
G104DDA	MW-104	05/17/2000	PROFILE	150.00	L50.00	29.40	29.40	8330N	PENTAERYTHRITOL TETRANITR	NO
G104DDA	MW-104	05/17/2000	PROFILE	150.00	L50.00	29.40	29.40	OC21V	ACETONE	
G104DDD	MW-104	05/17/2000	PROFILE	150.00	L50.00	29.40	29.40	8330N	PENTAERYTHRITOL TETRANITR	NO
G104DDD	MW-104	05/17/2000	PROFILE	150.00	L50.00	29.40	29.40	OC21V	ACETONE	
G104DEA	MW-104	05/17/2000	PROFILE	160.00	L60.00	39.40	39.40	8330N	2,6-DINITROTOLUENE	NO
G104DEA	MW-104	05/17/2000	PROFILE	160.00	L60.00	39.40	39.40	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G104DEA	MW-104	05/17/2000	PROFILE	160.00	L60.00	39.40	39.40	8330N	2-NITROTOLUENE	NO
G104DEA	MW-104	05/17/2000	PROFILE	160.00	L60.00	39.40	39.40	8330N	3-NITROTOLUENE	NO
G104DEA	MW-104	05/17/2000	PROFILE	160.00	L60.00	39.40	39.40	8330N	4-NITROTOLUENE	NO
G104DEA	MW-104	05/17/2000	PROFILE	160.00	L60.00	39.40	39.40	8330N	NITROGLYCERIN	NO
G104DEA	MW-104	05/17/2000	PROFILE	160.00	L60.00	39.40	39.40	8330N	PENTAERYTHRITOL TETRANITR	NO
G104DEA	MW-104	05/17/2000	PROFILE	160.00	L60.00	39.40	39.40	OC21V	2-HEXANONE	
G104DEA	MW-104	05/17/2000	PROFILE	160.00	L60.00	39.40	39.40	OC21V	ACETONE	
G104DEA	MW-104	05/17/2000	PROFILE	160.00	L60.00	39.40	39.40	OC21V	BENZENE	
G104DEA	MW-104	05/17/2000	PROFILE	160.00	L60.00	39.40	39.40	OC21V	CHLOROETHANE	
G104DEA	MW-104	05/17/2000	PROFILE	160.00	L60.00	39.40	39.40	OC21V	CHLOROMETHANE	
G104DEA	MW-104	05/17/2000	PROFILE	160.00	L60.00	39.40	39.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G104DFA	MW-104	05/18/2000	PROFILE	170.00	L70.00	49.40	49.40	8330N	3-NITROTOLUENE	NO
G104DFA	MW-104	05/18/2000	PROFILE	170.00	L70.00	49.40	49.40	8330N	4-NITROTOLUENE	NO
G104DFA	MW-104	05/18/2000	PROFILE	170.00	L70.00	49.40	49.40	8330N	PENTAERYTHRITOL TETRANITR	NO
G104DFA	MW-104	05/18/2000	PROFILE	170.00	L70.00	49.40	49.40	OC21V	ACETONE	
G104DFA	MW-104	05/18/2000	PROFILE	170.00	L70.00	49.40	49.40	OC21V	CHLOROFORM	
G104DFA	MW-104	05/18/2000	PROFILE	170.00	L70.00	49.40	49.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G104DGA	MW-104	05/18/2000	PROFILE	180.00	L80.00	59.40	59.40	8330N	2,6-DINITROTOLUENE	NO

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TABLE 4
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(UNVALIDATED)
SAMPLES COLLECTED 4/16/00-05/31/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G104DGA	MW-104	05/18/2000	PROFILE	180.00	180.00	59.40	59.40	8330N	PENTAERYTHRITOL TETRANITR	NO
G104DGA	MW-104	05/18/2000	PROFILE	180.00	180.00	59.40	59.40	8330N	PICRIC ACID	NO
G104DGA	MW-104	05/18/2000	PROFILE	180.00	180.00	59.40	59.40	OC21V	ACETONE	
G104DGA	MW-104	05/18/2000	PROFILE	180.00	180.00	59.40	59.40	OC21V	CHLOROFORM	
G104DGA	MW-104	05/18/2000	PROFILE	180.00	180.00	59.40	59.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G104DHA	MW-104	05/18/2000	PROFILE	190.00	190.00	69.40	69.40	8330N	PENTAERYTHRITOL TETRANITR	NO
G104DHA	MW-104	05/18/2000	PROFILE	190.00	190.00	69.40	69.40	OC21V	ACETONE	
G104DHA	MW-104	05/18/2000	PROFILE	190.00	190.00	69.40	69.40	OC21V	CHLOROFORM	
G104DHA	MW-104	05/18/2000	PROFILE	190.00	190.00	69.40	69.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G104DIA	MW-104	05/18/2000	PROFILE	200.00	200.00	79.40	79.40	8330N	2,6-DINITROTOLUENE	NO
G104DIA	MW-104	05/18/2000	PROFILE	200.00	200.00	79.40	79.40	8330N	2-NITROTOLUENE	NO
G104DIA	MW-104	05/18/2000	PROFILE	200.00	200.00	79.40	79.40	8330N	3-NITROTOLUENE	NO
G104DIA	MW-104	05/18/2000	PROFILE	200.00	200.00	79.40	79.40	8330N	4-NITROTOLUENE	NO
G104DIA	MW-104	05/18/2000	PROFILE	200.00	200.00	79.40	79.40	8330N	NITROGLYCERIN	NO
G104DIA	MW-104	05/18/2000	PROFILE	200.00	200.00	79.40	79.40	8330N	PENTAERYTHRITOL TETRANITR	NO
G104DIA	MW-104	05/18/2000	PROFILE	200.00	200.00	79.40	79.40	OC21V	ACETONE	
G104DIA	MW-104	05/18/2000	PROFILE	200.00	200.00	79.40	79.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G104DJA	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	8330N	2,6-DINITROTOLUENE	NO
G104DJA	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	8330N	2-NITROTOLUENE	NO
G104DJA	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	8330N	3-NITROTOLUENE	NO
G104DJA	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	8330N	4-NITROTOLUENE	NO
G104DJA	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	8330N	NITROGLYCERIN	NO
G104DJA	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	8330N	PENTAERYTHRITOL TETRANITR	NO
G104DJA	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	8330N	PICRIC ACID	NO
G104DJA	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	OC21V	2-HEXANONE	
G104DJA	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	OC21V	ACETONE	
G104DJA	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	OC21V	CHLOROMETHANE	
G104DJA	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G104DJD	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	8330N	3-NITROTOLUENE	NO
G104DJD	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	8330N	4-NITROTOLUENE	NO
G104DJD	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	8330N	PENTAERYTHRITOL TETRANITR	NO
G104DJD	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	8330N	PICRIC ACID	NO
G104DJD	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	OC21V	2-HEXANONE	

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(UNVALIDATED)
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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G104DJD	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	OC21V	ACETONE	
G104DJD	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	OC21V	CHLOROETHANE	
G104DJD	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	OC21V	CHLOROMETHANE	
G104DJD	MW-104	05/19/2000	PROFILE	210.00	210.00	89.40	89.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G104DKA	MW-104	05/22/2000	PROFILE	220.00	220.00	99.40	99.40	8330N	3-NITROTOLUENE	NO
G104DKA	MW-104	05/22/2000	PROFILE	220.00	220.00	99.40	99.40	8330N	4-NITROTOLUENE	NO
G104DKA	MW-104	05/22/2000	PROFILE	220.00	220.00	99.40	99.40	8330N	PENTAERYTHRITOL TETRANITR	NO
G104DKA	MW-104	05/22/2000	PROFILE	220.00	220.00	99.40	99.40	8330N	PICRIC ACID	NO
G104DKA	MW-104	05/22/2000	PROFILE	220.00	220.00	99.40	99.40	OC21V	ACETONE	
G104DKA	MW-104	05/22/2000	PROFILE	220.00	220.00	99.40	99.40	OC21V	METHYL ETHYL KETONE (2-BUT	
G105DAA	MW-105	05/30/2000	PROFILE	130.00	130.00	0.00	0.00	8330N	2,6-DINITROTOLUENE	NO
G105DAA	MW-105	05/30/2000	PROFILE	130.00	130.00	0.00	0.00	8330N	PICRIC ACID	NO
G105DAD	MW-105	05/30/2000	PROFILE	130.00	130.00	0.00	0.00	8330N	2,6-DINITROTOLUENE	NO
G105DAD	MW-105	05/30/2000	PROFILE	130.00	130.00	0.00	0.00	8330N	PICRIC ACID	NO
G105DDA	MW-105	05/30/2000	PROFILE	160.00	160.00	30.00	30.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G105DDD	MW-105	05/30/2000	PROFILE	160.00	160.00	30.00	30.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G105DEA	MW-105	05/30/2000	PROFILE	170.00	170.00	40.00	40.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G105DEA	MW-105	05/30/2000	PROFILE	170.00	170.00	40.00	40.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G105DFA	MW-105	05/30/2000	PROFILE	180.00	180.00	50.00	50.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G106DAA	MW-106	05/31/2000	PROFILE	140.00	140.00	4.60	4.60	8330N	PENTAERYTHRITOL TETRANITR	NO
G106DBA	MW-106	05/31/2000	PROFILE	150.00	150.00	14.60	14.60	8330N	2,6-DINITROTOLUENE	NO
G106DBA	MW-106	05/31/2000	PROFILE	150.00	150.00	14.60	14.60	8330N	PENTAERYTHRITOL TETRANITR	NO
G106DBD	MW-106	05/31/2000	PROFILE	150.00	150.00	14.60	14.60	8330N	PENTAERYTHRITOL TETRANITR	NO
G106DCA	MW-106	05/31/2000	PROFILE	160.00	160.00	24.60	24.60	8330N	2,6-DINITROTOLUENE	NO
G106DCA	MW-106	05/31/2000	PROFILE	160.00	160.00	24.60	24.60	8330N	PENTAERYTHRITOL TETRANITR	NO
G106DDA	MW-106	05/31/2000	PROFILE	170.00	170.00	34.60	34.60	8330N	3-NITROTOLUENE	NO
G106DDA	MW-106	05/31/2000	PROFILE	170.00	170.00	34.60	34.60	8330N	4-NITROTOLUENE	NO
G106DDA	MW-106	05/31/2000	PROFILE	170.00	170.00	34.60	34.60	8330N	PENTAERYTHRITOL TETRANITR	NO
G106DDD	MW-106	05/31/2000	PROFILE	170.00	170.00	34.60	34.60	8330N	2,6-DINITROTOLUENE	NO
G106DDD	MW-106	05/31/2000	PROFILE	170.00	170.00	34.60	34.60	8330N	PENTAERYTHRITOL TETRANITR	NO
G106DDD	MW-106	05/31/2000	PROFILE	170.00	170.00	34.60	34.60	8330N	PICRIC ACID	NO
WOOD CHIPS	WOOD CHIPS	05/02/2000	WOOD CHIPS					8330N	2,6-DIAMINO-4-NITROTOLUENE	NO
WOOD CHIPS	WOOD CHIPS	05/02/2000	WOOD CHIPS					8330N	2-AMINO-4,6-DINITROTOLUENE	NO

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PDA/NO = Photo Diode Array, Detect Not Confirmed

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(UNVALIDATED)
SAMPLES COLLECTED 4/16/00-05/31/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
WOOD CHIPS	WOOD CHIPS	05/02/2000	WOOD CHIPS					8330N	3-NITROTOLUENE	NO
WOOD CHIPS	WOOD CHIPS	05/02/2000	WOOD CHIPS					8330N	NITROGLYCERIN	NO
WOOD CHIPS	WOOD CHIPS	05/02/2000	WOOD CHIPS					8330N	PICRIC ACID	NO
HC44IA1AAA	44IA	05/16/2000	SOIL GRID	0.00	0.50			OM31P	DIELDRIN	
HC44IB1AAA	44IB	05/16/2000	SOIL GRID	0.00	0.50			OM31P	DIELDRIN	
HC44IC1AAA	44IC	05/16/2000	SOIL GRID	0.00	0.50			OM31P	DIELDRIN	
HC44IC1AAA	44IC	05/16/2000	SOIL GRID	0.00	0.50			OM31P	ENDRIN KETONE	
HC44TA1AAA	44TA	05/16/2000	SOIL GRID	0.00	0.50			OM31P	DIELDRIN	
HC44TA1AAD	44TA	05/16/2000	SOIL GRID	0.00	0.50			OM31P	DIELDRIN	
HC44TB1AAA	44TB	05/16/2000	SOIL GRID	0.00	0.50			OM31P	DIELDRIN	
HC44TB1AAA	44TB	05/16/2000	SOIL GRID	0.00	0.50			OM31P	ENDRIN KETONE	
HC44TC1AAA	44TC	05/16/2000	SOIL GRID	0.00	0.50			OM31P	DIELDRIN	

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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
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	14.00	19.00	2.00	X
MW-31	W31SSA	2/1/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	210.00		UG/L	14.00	19.00	2.00	X
MW-31	W31SSA	9/15/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	50.00		UG/L	14.00	19.00	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-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-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	35.00	2.00	X
ASPWELL	ASPWELL	7/20/1999	E200.8	LEAD	53.00		UG/L			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
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

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>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 MAY 2000

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
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	222.00	227.00	10.00	X
MW-16	W16DDD	3/9/1999	IM40MB	MOLYBDENUM	23.20		UG/L	222.00	227.00	10.00	X
MW-16	W16DDA	9/9/1999	IM40MB	MOLYBDENUM	18.00	J	UG/L	222.00	227.00	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
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

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>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 MAY 2000

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
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
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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
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	W57M3A	12/13/1999	IM40MB	MOLYBDENUM	21.90		UG/L	30.00	40.00	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
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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
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	W57M1A	12/14/1999	IM40MB	SODIUM	23,700.00		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
MW-25	W25SSA	9/14/1999	IM40MB	THALLIUM	5.30	J	UG/L	0.00	10.00	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

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TABLE 3
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1997 THROUGH MAY 2000

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-47	W47M1A	8/24/1999	IM40MB	THALLIUM	2.60	J	UG/L	75.00	85.00	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-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-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	79.00	89.00	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	73.00	83.00	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

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LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
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
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

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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	222.00	227.00	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
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

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 MAY 2000

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
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-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
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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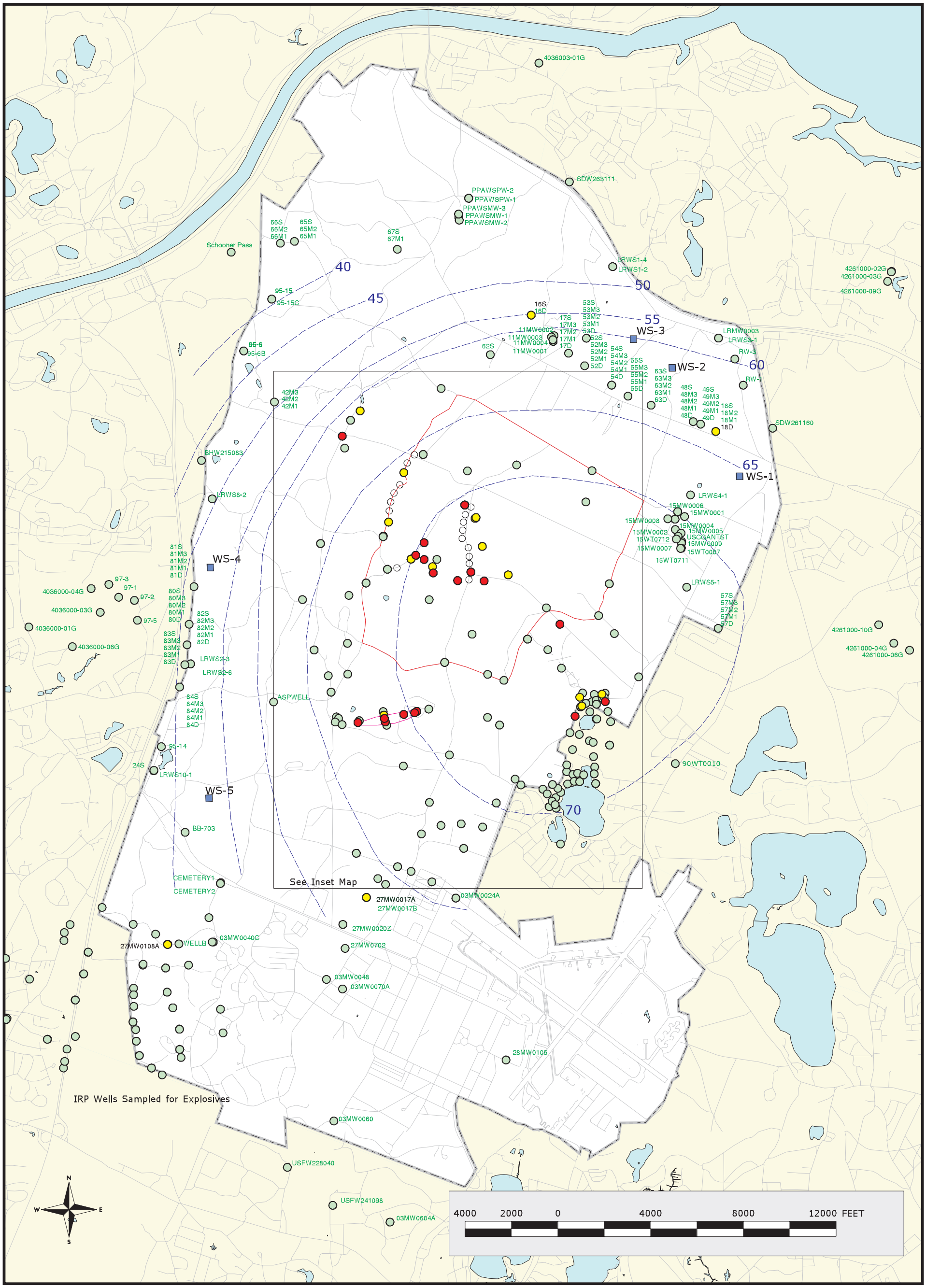
BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET
MCL/HA = EITHER THE MCL OR LOWEST HEALTH ADVISORY CONCENTRATION (CHILD, ADULT OR LIFETIME)
>MCL/HA = EQUALS OR EXCEEDS EITHER THE MCL OR LOWEST HEALTH ADVISORY CONCENTRATION (CHILD, ADULT, OR LIFETIME)



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

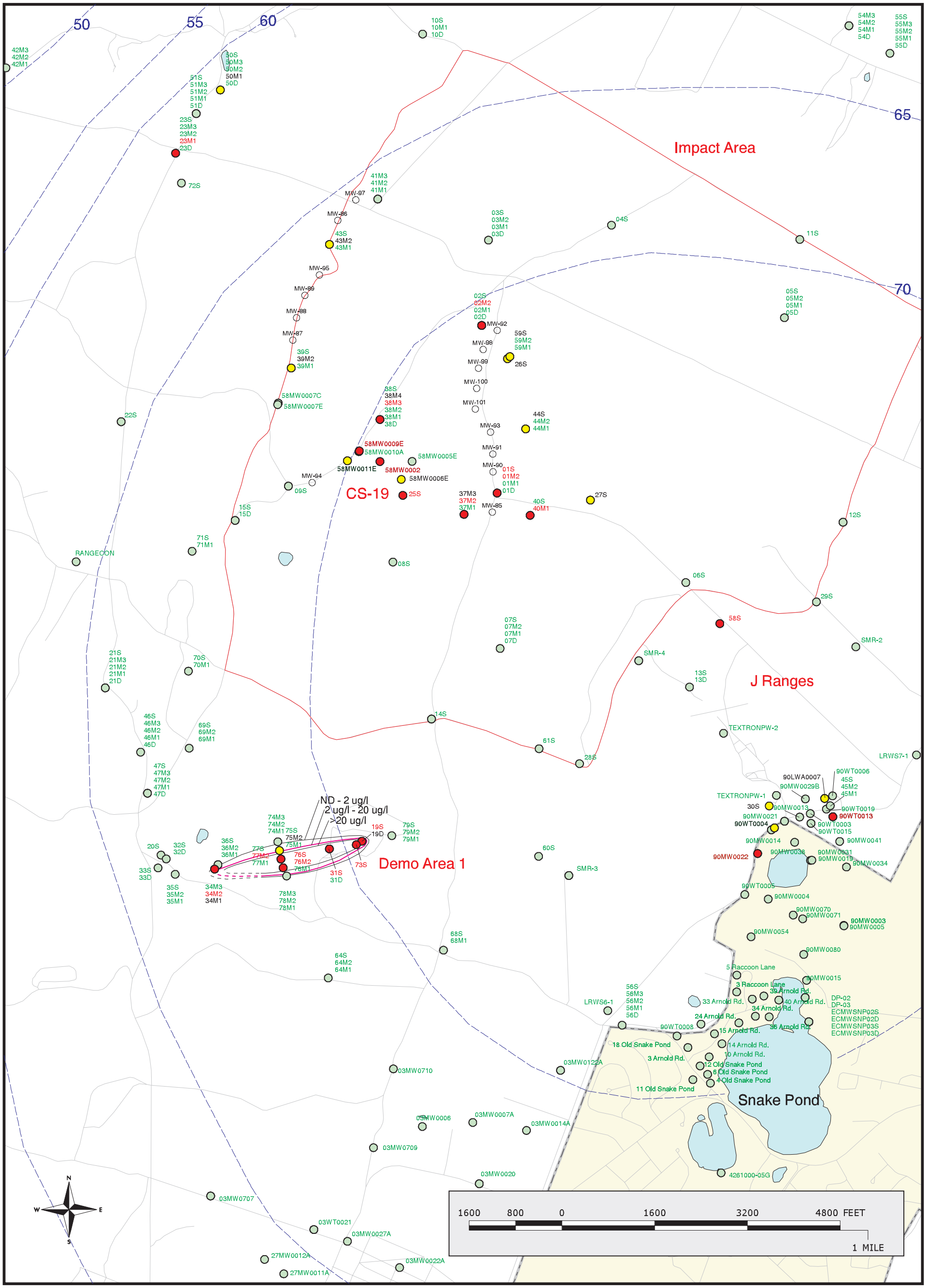
OGDEN June 06, 2000 DRAFT

G:/MMR/al/amls/work/monthly/june2000/exp

Figure 1

Explosives in Groundwater Compared to MCL/HAs Validated Data as of 6/02/00

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

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

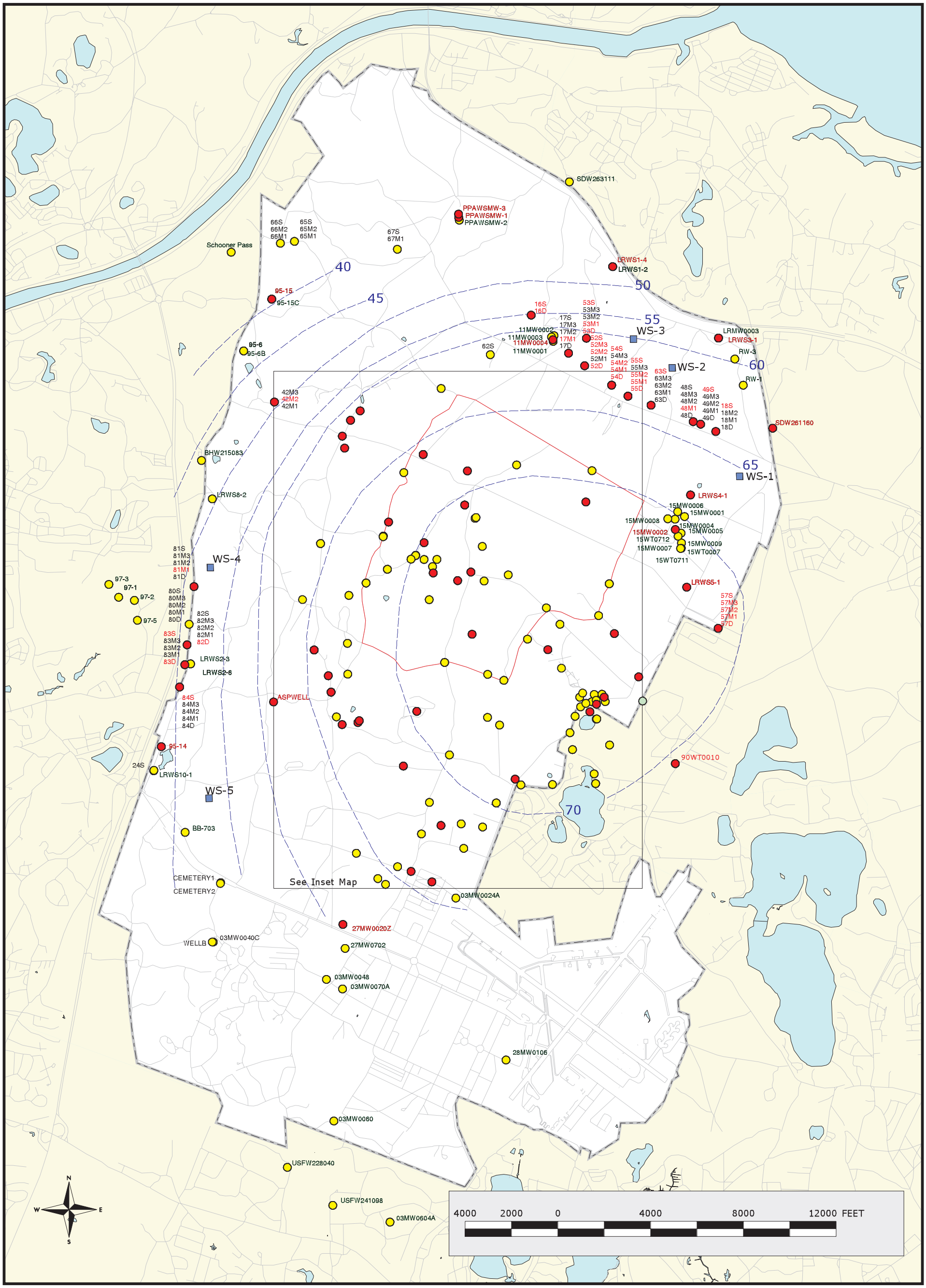
OGDEN June 07, 2000 DRAFT

G:/MMR/al/amls/work/monthly/june2000/exp

Figure 1 - INSET MAP

Explosives in Groundwater Compared to MCL/HAs Validated Data as of 6/02/00

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

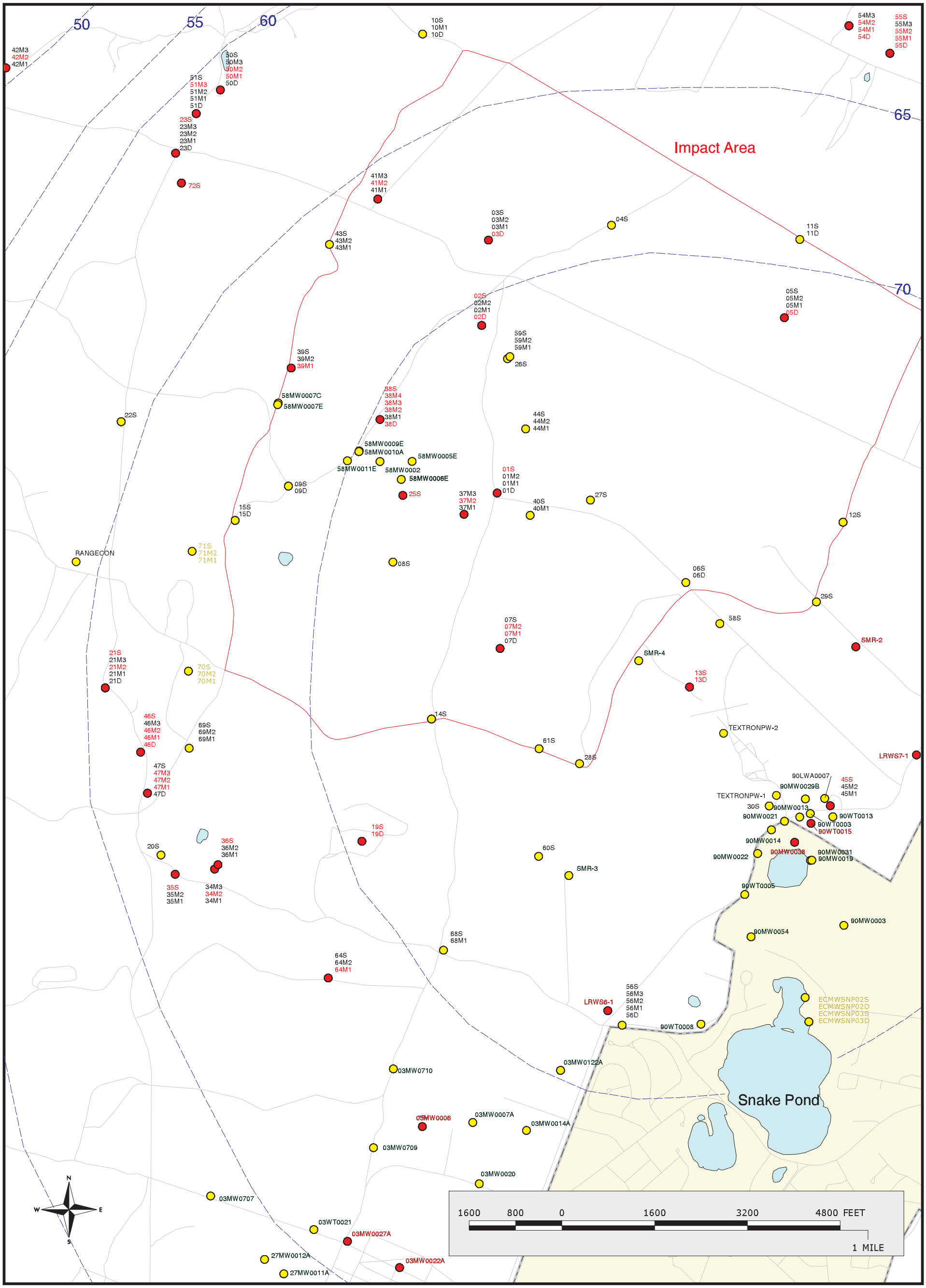
OGDEN June 07, 2000 DRAFT

G:/MMR/al/amls/work/monthly/june2000/metals

Figure 2

Metals in Groundwater Compared to MCL/HAs Validated Data as of 6/02/00

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

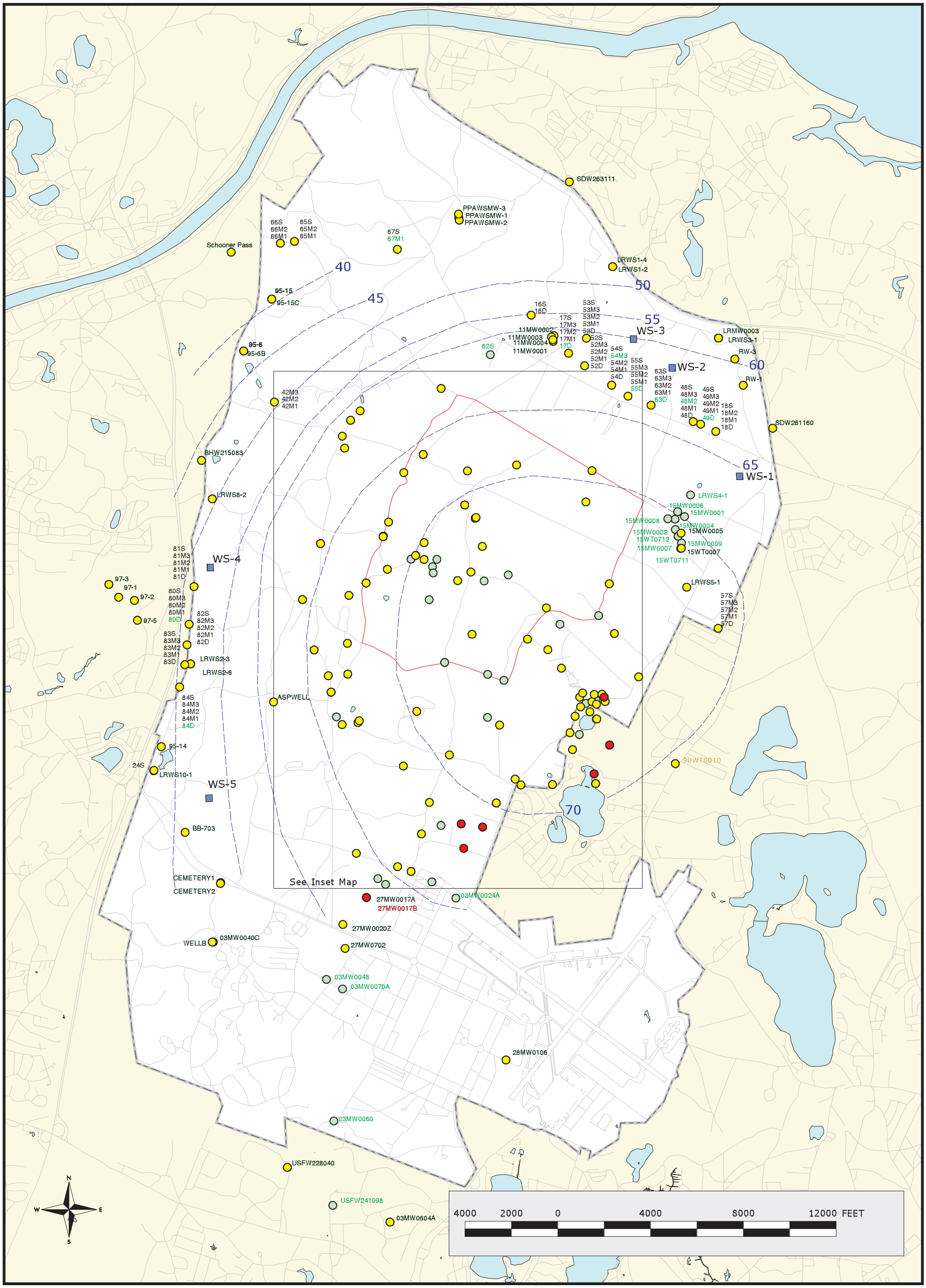
OGDEN June 07, 2000 DRAFT

G:/MMR/al/amls/work/monthly/june2000/metals

Figure 2 - INSET MAP

Metals in Groundwater Compared to MCL/HAs Validated Data as of 6/02/00

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

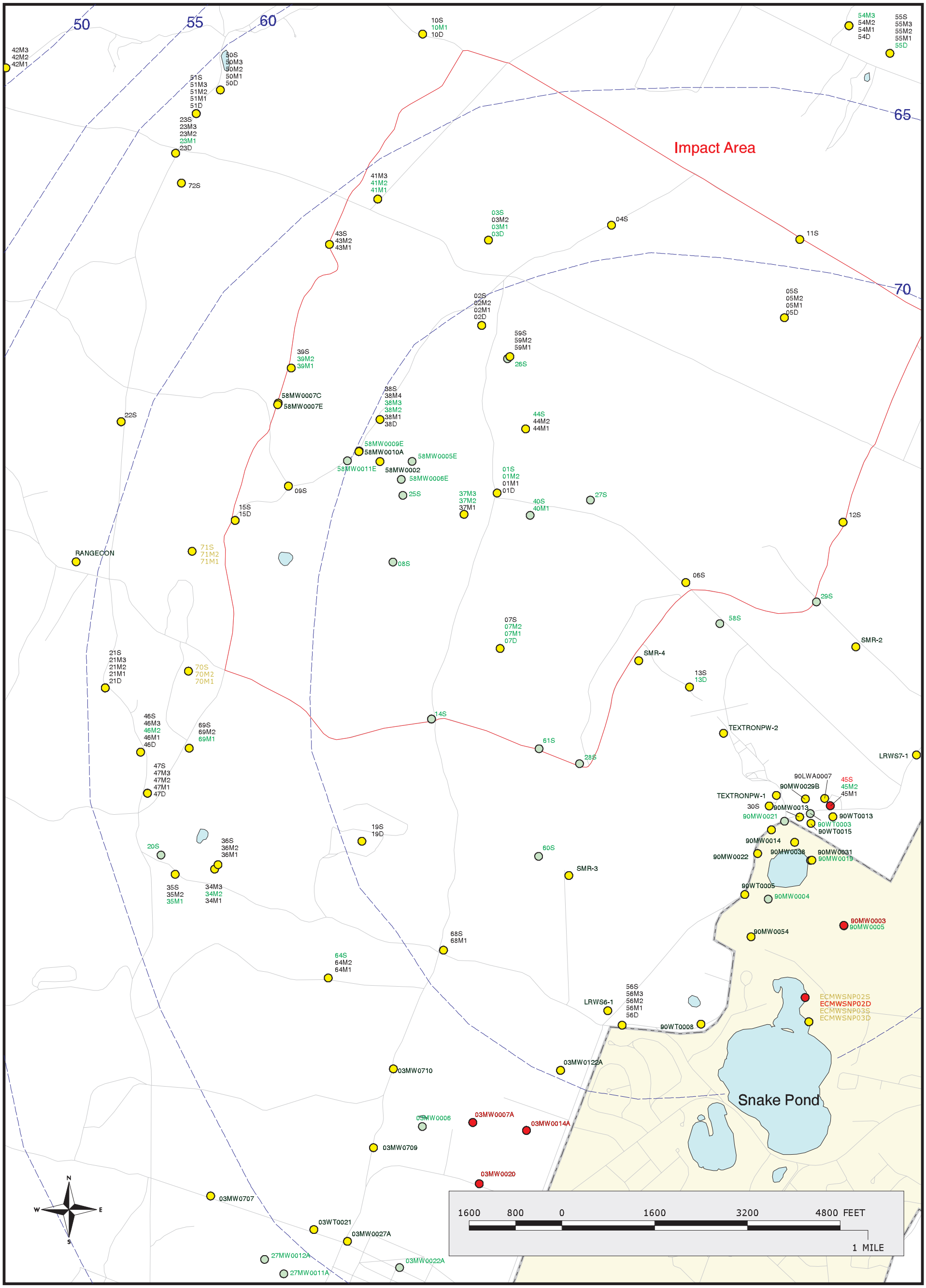
OGDEN June 07, 2000 DRAFT

Figure 3

VOCs in Groundwater Compared to MCL/HAs Validated Data as of 6/02/00

Analyte Group
3

G:/MMR/al/amls/work/monthly/june2000/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

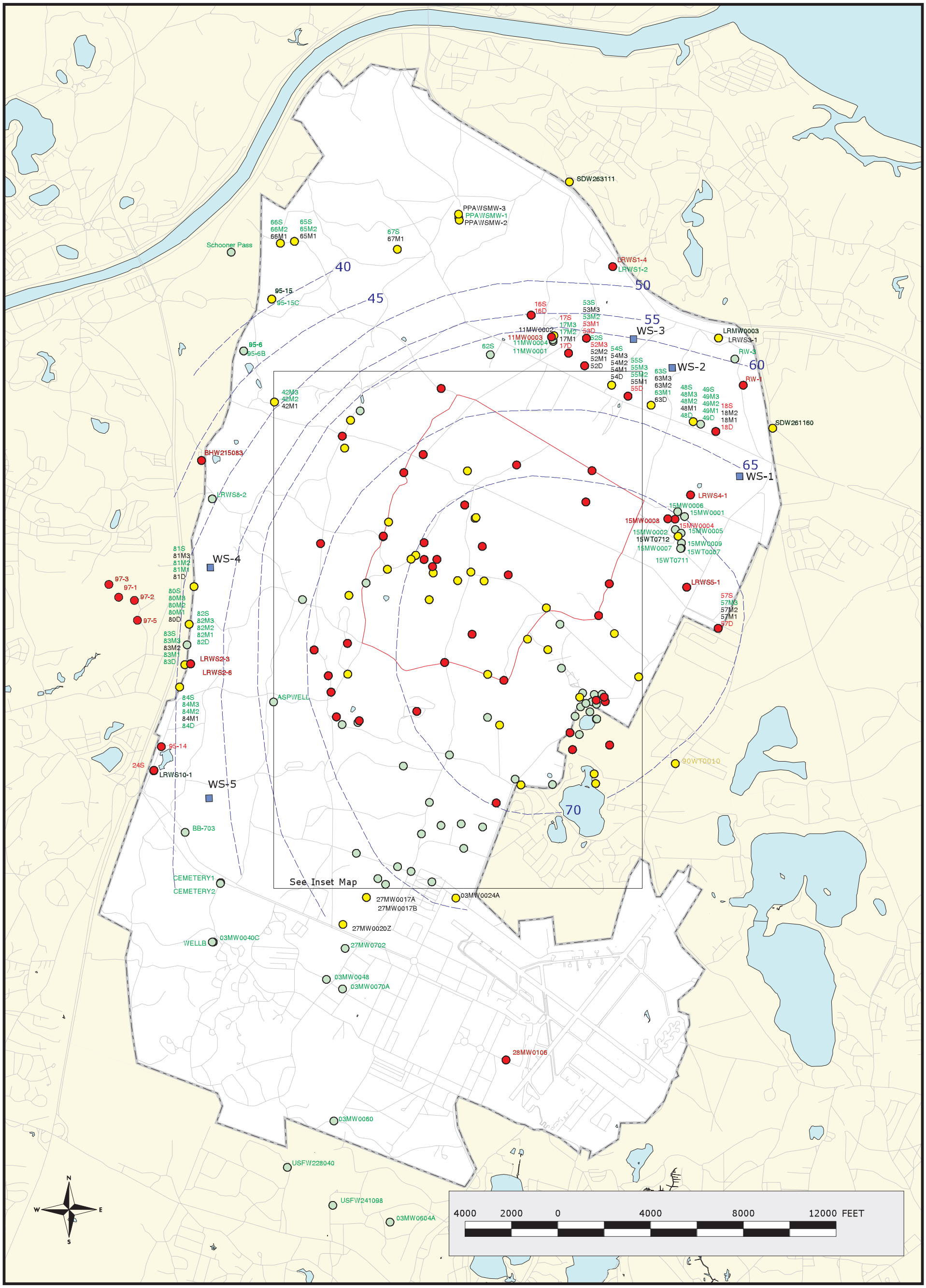
OGDEN June 07, 2000 DRAFT

Figure 3 - INSET MAP

VOCs in Groundwater Compared to MCL/HAs Validated Data as of 6/02/00

Analyte Group
3

G:/MMR/al/amls/work/monthly/june2000/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

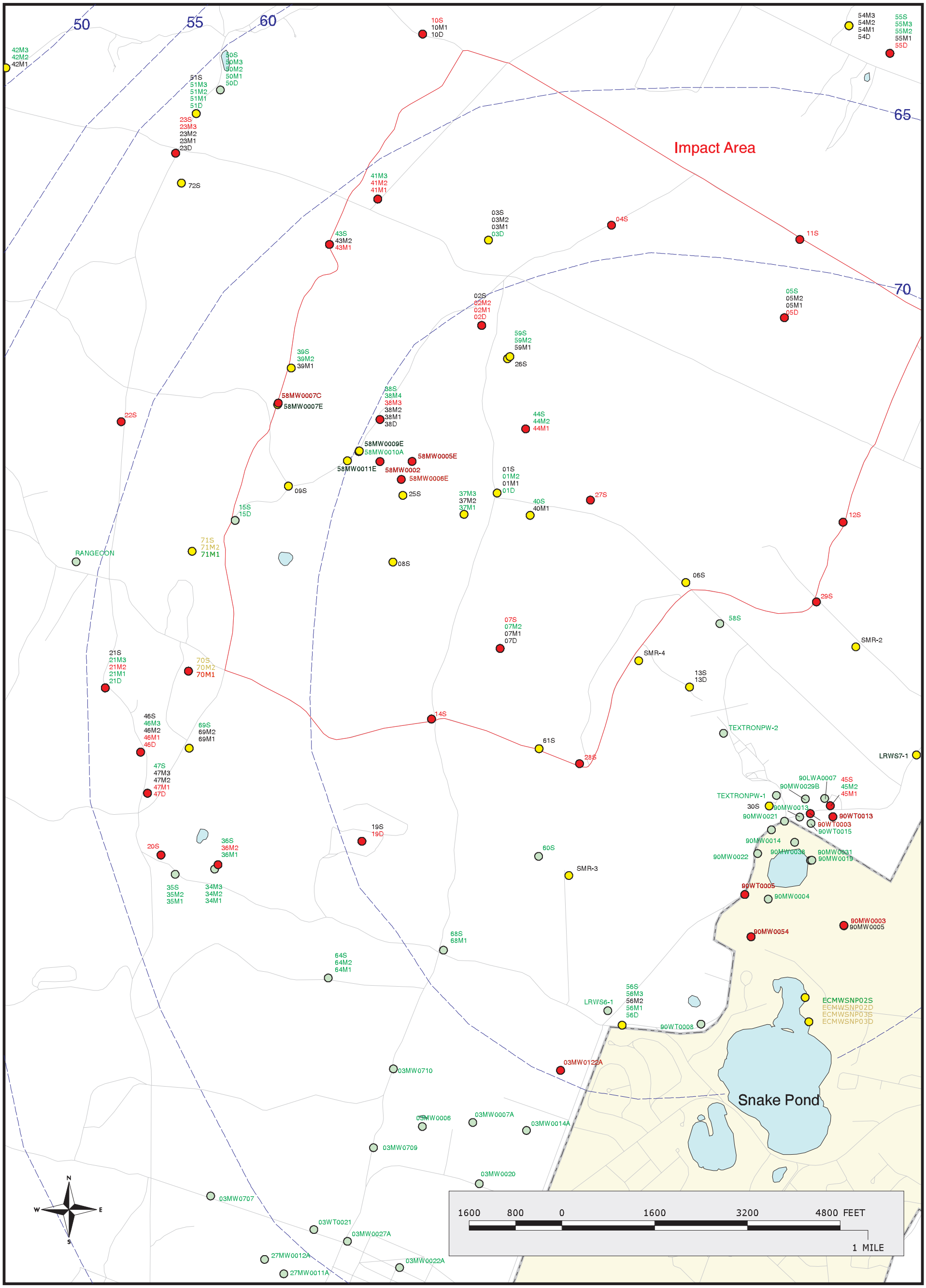
OGDEN June 07, 2000 DRAFT

G:/MMR/al/amls/work/monthly/june2000/svoc

Figure 4

SVOCs in Groundwater Compared to MCL/HAs Validated Data as of 6/02/00

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

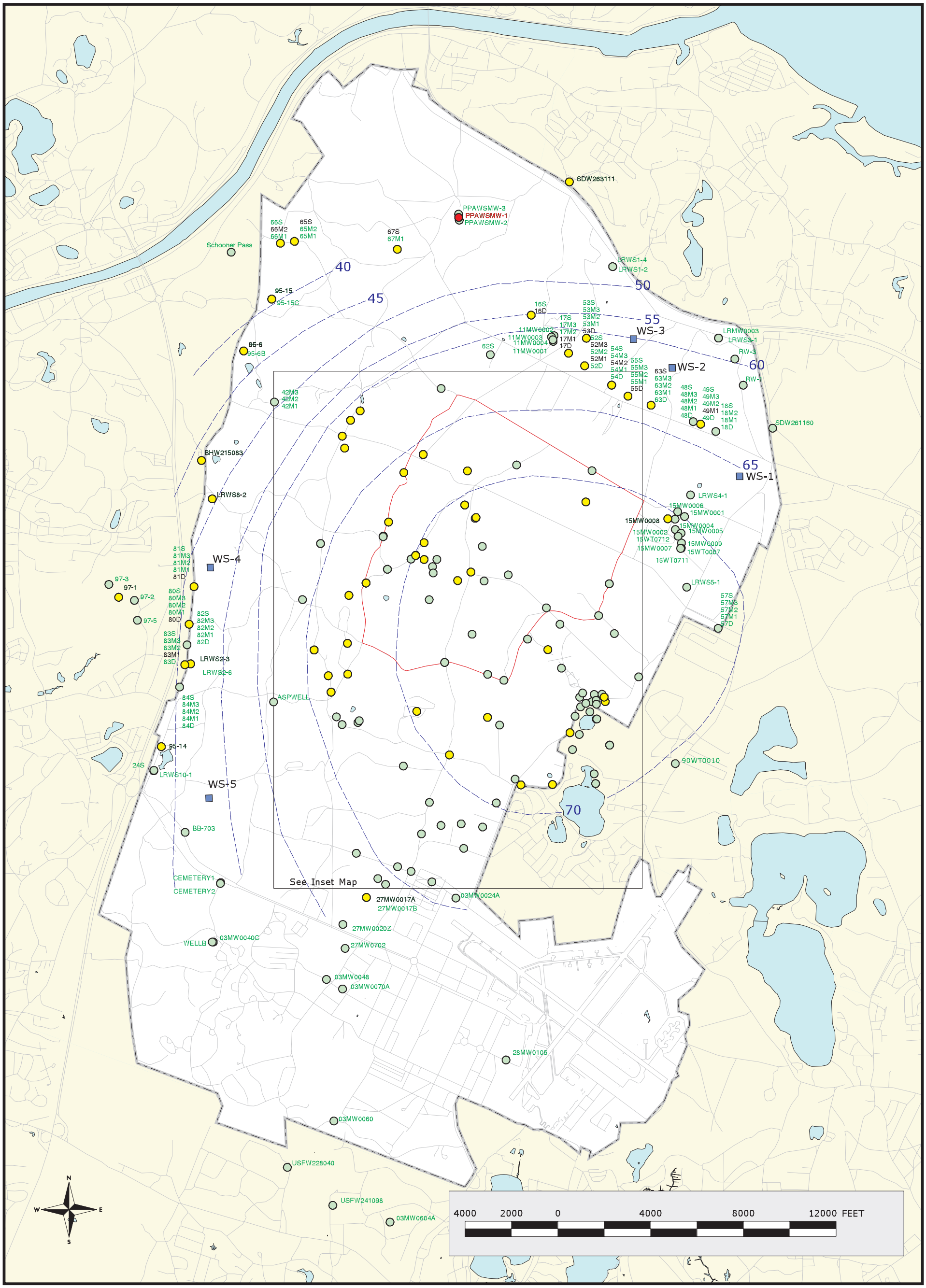
OGDEN June 07, 2000 DRAFT

G:/MMR/al/amls/work/monthly/june2000/svoc

Figure 4 - INSET MAP

SVOCs in Groundwater Compared to MCL/HAs Validated Data as of 6/02/00

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

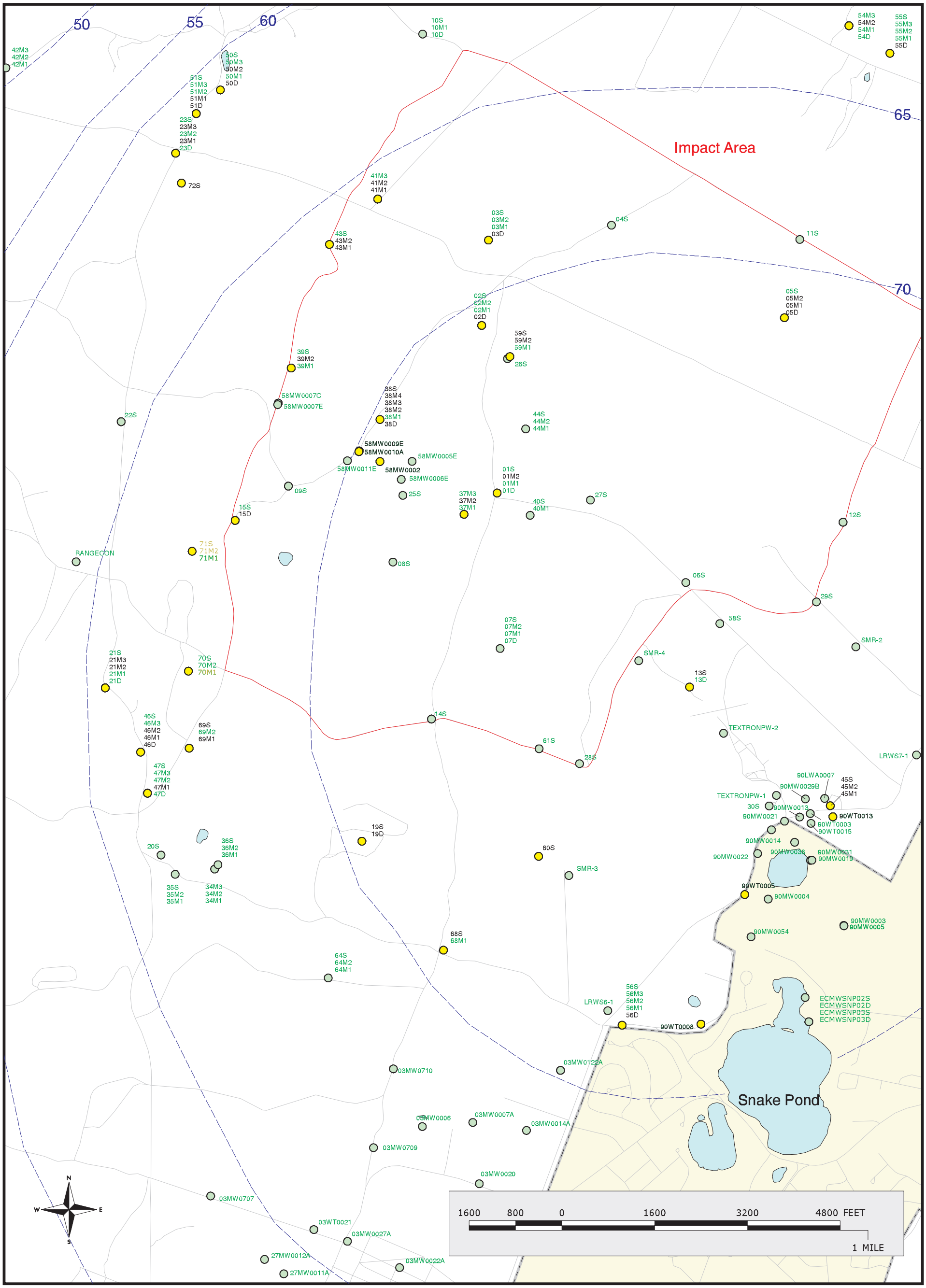
OGDEN June 07, 2000 DRAFT

Figure 5

Herbicides and Pesticides in Groundwater Compared to MCL/HAs Validated Data as of 6/02/00

Analyte Group
5

G:/MMR/al/amls/work/monthly/june2000/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

OGDEN June 07, 2000 DRAFT

Figure 5 - INSET MAP

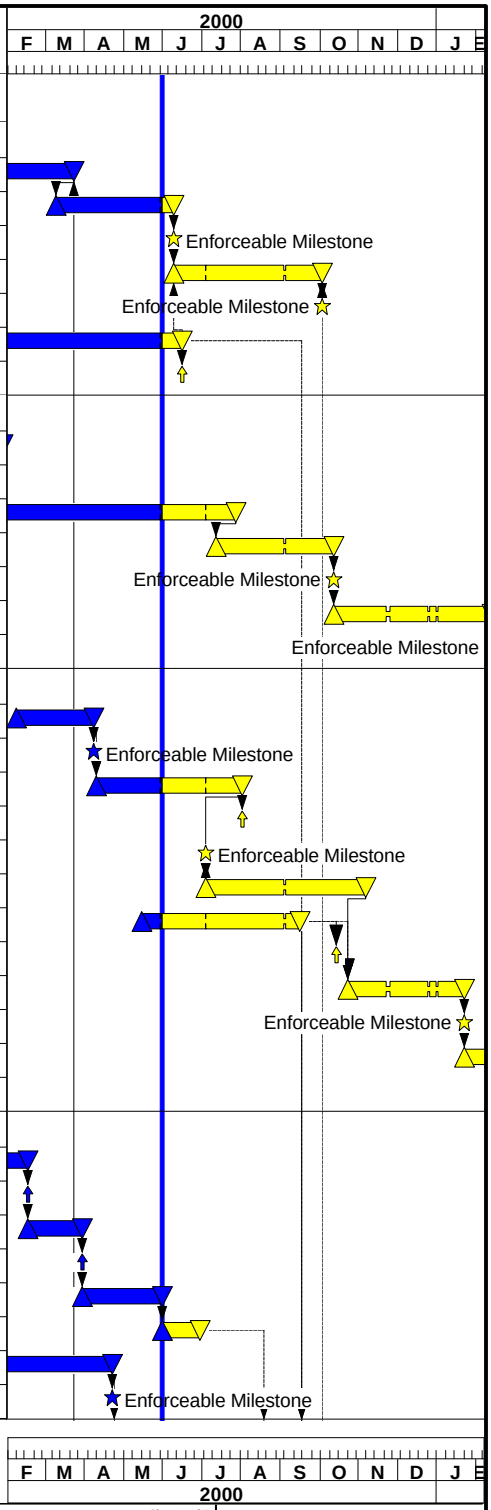
Herbicides and Pesticides in Groundwater Compared to MCL/HAs Validated Data as of 6/02/00

Analyte Group
5

G:/MMR/al/amls/work/monthly/june2000/pest

Site Characterization (AO1)

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Demo Area 1					
00110	Demo 1 Soil/GW Investigation		0	14OCT99A	23MAR00A
00120	Demo 1 Soil/GW Report Preparation		6	09MAR00A	08JUN00
00130	Demo 1 Draft Soil/GW Report	YES	0		08JUN00
00140	Demo 1 Revise Draft Report		80	09JUN00	02OCT00
00150	Demo 1 Final Soil/GW Report	YES	0		02OCT00
00160	Demo 1 Geophysics Investigation		11	05JAN00A	15JUN00
00170	Demo 1 Geophysics Presentation		0		15JUN00
Central Impact Area					
00210	Impact Area Planning		0	23AUG99A	24JAN00A
00220	Impact Area Start Data Collection	YES	0	05JAN00A	
00230	Impact Area Investigation		40	05JAN00A	27JUL00
00240	Impact Area Report Preparation		65	13JUL00	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		43	10APR00A	01AUG00
00340	J-2 Range Final Workplan		0		01AUG00
00350	J-2 Range Start Data Collection	YES	0	05JUL00	
00360	J-2 Range Investigation		88	05JUL00	06NOV00
00365	J-2 Range Geophysics Investigation		75	15MAY00A	15SEP00
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		21	31MAY00A	29JUN00
00410	J-1/J-3 Range Planning		0	06DEC99A	21APR00A
00420	J-1/J-3 Range Draft Workplan	YES	0		21APR00A



Project Start 29FEB00
Project Finish 03DEC02
Data Date 01JUN00
Run Date 09JUN00

Early Bar
Progress Bar

UBER

Sheet 1 of 5

DRAFT

Date	Revision	Checked	Approved

Figure 6. Combined Schedule for MMR IAGS, Munitions Survey, and RRA as of 6/1/00

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
J-1/J-3 Range					
00430	J-1/J-3 Range Rev. Draft Workplan		56	24APR00A	18AUG00
00440	J-1/J-3 Range Final Workplan		0		18AUG00
00450	J-1/J-3 Range Start Data Cllctn	YES	0	26JUL00	
00460	J-1/J-3 Range Investigation		88	26JUL00	29NOV00
00465	J-1/J-3 Range Geophys. Investigation		75	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		17	24MAR00A	23JUN00
00530	Gun/Mortar Draft Report	YES	0		23JUN00
00540	Gun/Mortar Rev. Draft Report		82	26JUN00	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		76	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		17	06DEC99A	23JUN00
00760	Mortar Targets Report Preparation		44	18MAY00A	02AUG00
00770	Mortar Targets Draft Report	YES	0		02AUG00
00780	Mortar Targets Rev. Draft Report		80	03AUG00	27NOV00
00790	Mortar Targets Final Report	YES	0		27NOV00

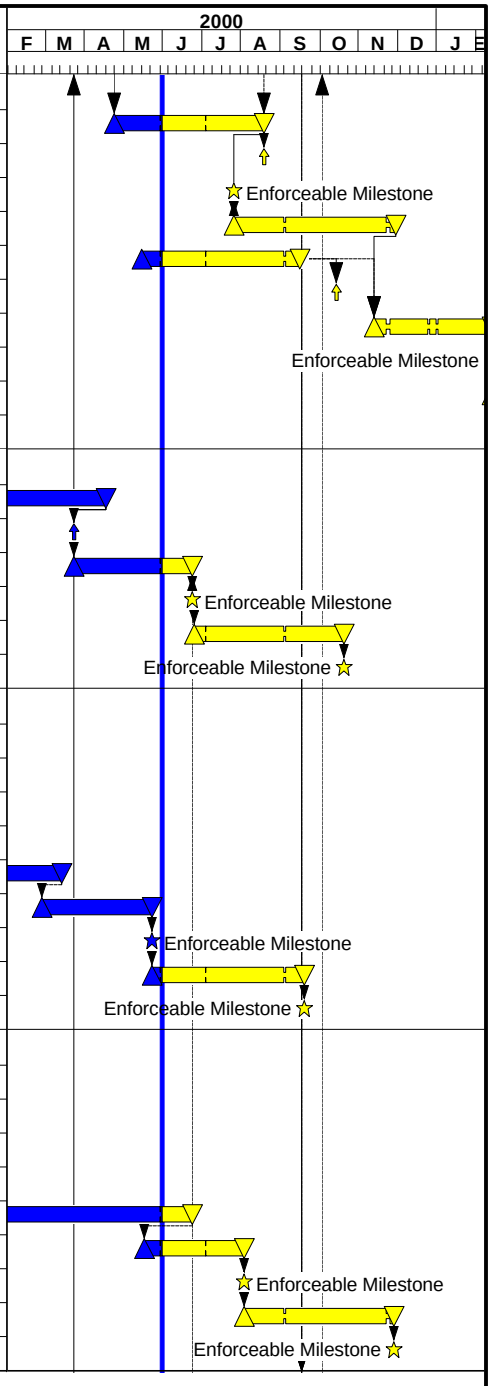


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Figure 6. Combined Schedule for MMR IAGS, Munitions Survey, and RRA as of 6/1/00

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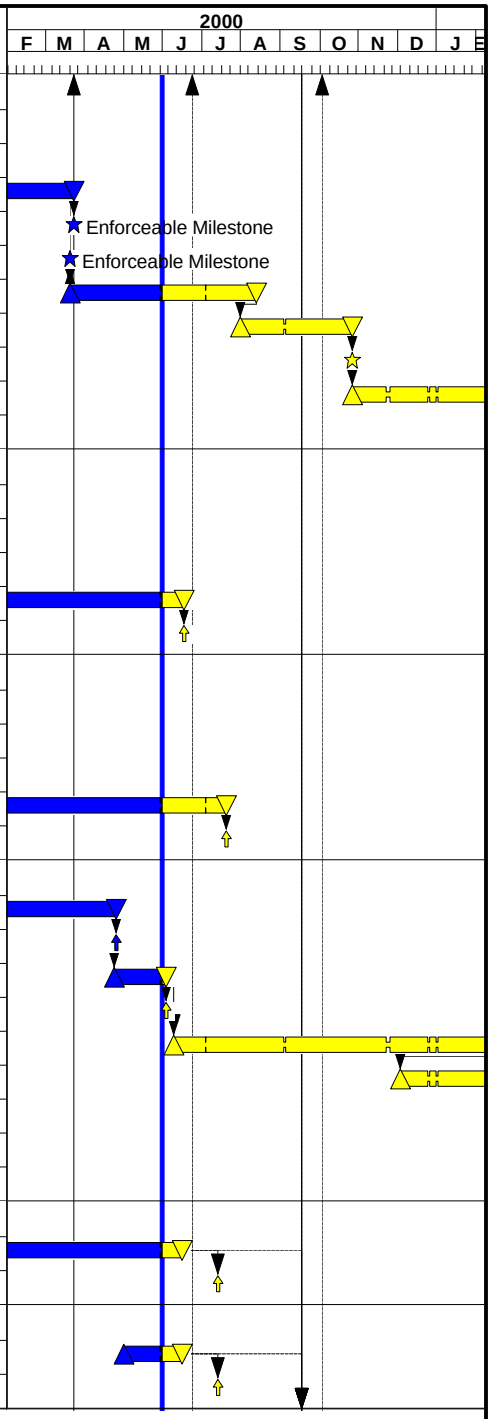
Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Training Areas					
00810	Training Areas Planning		0	01APR99A	22JUL99A
00820	Training Areas Draft Workplan		0		22JUL99A
00830	Training Areas Rev. Draft Workplan		0	23JUL99A	23MAR00A
00840	Training Areas Final Workplan	YES	0		23MAR00A
00850	Training Areas Start Data Cllctn	YES	0	20MAR00A	
00860	Training Areas Investigation		51	20MAR00A	11AUG00
00870	Training Areas Report Preparation		62	31JUL00	25OCT00
00880	Training Areas Draft Report	YES	0		25OCT00
00890	Training Areas Rev. Draft Report		81	26OCT00	22FEB01
00895	Training Areas Final Report	YES	0		22FEB01
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		12	04NOV99A	16JUN00
00950	KD/U Final Report		0		16JUN00
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		35	05NOV99A	20JUL00
01050	J-3 Wetland Final Report		0		20JUL00
High Use Target Area 1					
01110	HUTA Planning		0	10JAN00A	24APR00A
01120	HUTA Draft Workplan		0		24APR00A
01130	HUTA Revise Draft Workplan		2	24APR00A	02JUN00
01140	HUTA Final Workplan		0		02JUN00
01160	HUTA Investigation		214	09JUN00	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		0		31JUL01
Water Bodies					
01210	Water Body Geophys. Investig.		11	19NOV99A	15JUN00
01220	Water Body Geophys. Present.		0		13JUL00*
Slit Trench					
01310	Slit Trench Geophys. Investig.		11	01MAY00A	15JUN00
01320	Slit Trench Geophys. Present.		0		13JUL00*



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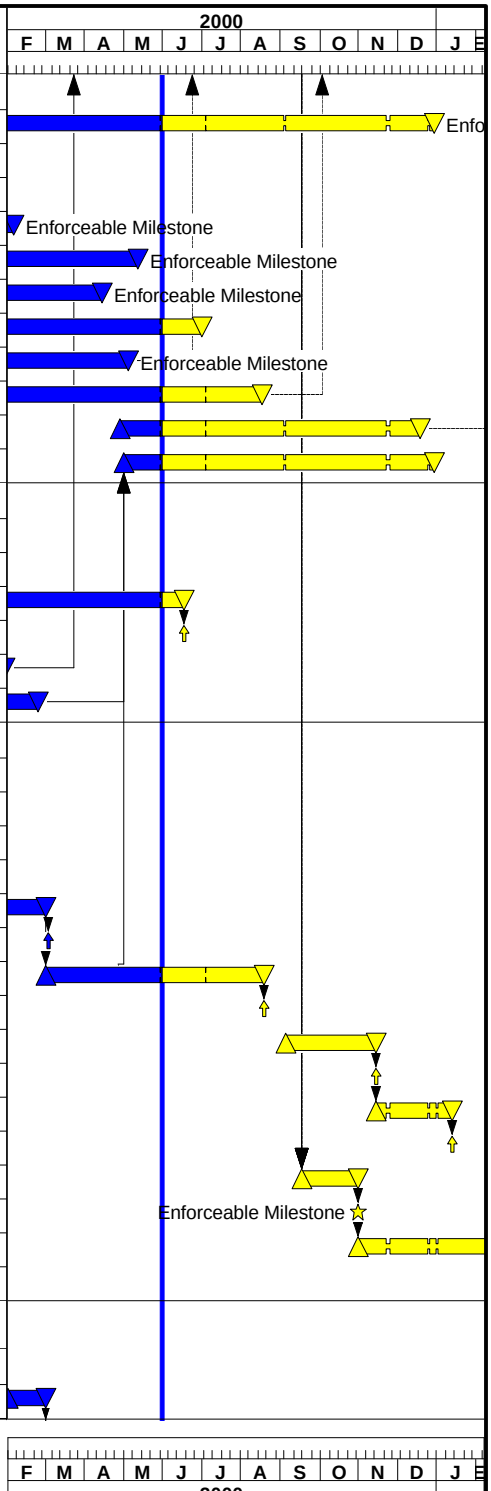
Groundwater Monitoring Programs					
08100	Water Supply (Qrtrly & Annual)	YES	147	12JUL99A	29DEC00
08110	Phase I Wells	YES	0	01SEP97A	30NOV99A
08120	Far Field Group 1 Wells	YES	0	17FEB99A	22NOV99A
08130	Supplemental IRP Wells	YES	0	08APR99A	04FEB00A
08140	Phase II (a) Wells	YES	0	30MAR99A	11MAY00A
08150	Far Field Group 2 Wells	YES	0	21SEP99A	14APR00A
08160	Far Field New Group 2 Wells		22	21OCT99A	30JUN00
08170	Gun/Mortar Position Wells	YES	0	01NOV99A	04MAY00A
08180	Demo 1 1999 Response Wells		55	20JAN00A	17AUG00
08190	Impact Area 2000 Response Wells		139	28APR00A	18DEC00
08200	CY 2000 Interim LT Monitoring		147	02MAY00A	29DEC00
Analytical Methods					
08510	Draft PEP Report Preparation		0	05NOV98A	30NOV98A
08520	Draft PEP Report	YES	0		30NOV98A
08530	Revise Draft PEP Report		12	01DEC98A	16JUN00
08540	Final PEP Report		0		16JUN00
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		56	02MAR00A	18AUG00
09230	Final ILTGM Plan		0		18AUG00
09240	Phase IIa Draft CWR Preparation		50	05SEP00*	13NOV00
09250	Phase IIa Draft CWR		0		13NOV00
09260	Phase IIa Revise Draft CWR		40	14NOV00	12JAN01
09270	Phase IIa Final CWR		0		12JAN01
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



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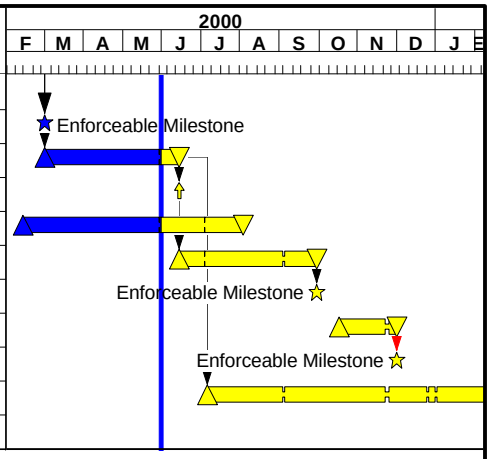
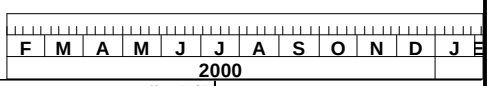
Group 1 (KD, J-3, GP-16, APC)					
10120	Draft RRA Workplan	YES	0		01MAR00A
10130	Revise Draft RRA Workplan		9	02MAR00A	13JUN00
10140	Final RRA Workplan		0		13JUN00
10150	Pre-RRA Implementation		44	14FEB00A	02AUG00
10155	RRA Source Control		76	14JUN00	29SEP00
10160	RRA Source Control Complete	YES	0		29SEP00
10170	RRA Site Restoration		32	17OCT00*	01DEC00
10180	RRA Site Restoration Complete	YES	0		01DEC00
10190	RRA Innovative Treatment		163	06JUL00	27FEB01
10195	RRA Completion of Work Report		45	28FEB01	01MAY01





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