MONTHLY PROGRESS REPORT #30
FOR SEPTEMBER 1999

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 September 1 to September 30, 1999. Scheduled actions are for the six-week period ending November 14, 1999.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of October 1 is summarized in Table 1.

Table 1. Drilling progress during September 1999

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-62	U Range Monitoring Well	230	120	108-118
MW-64	Gun and Mortar well (GP-6)	245	153	87-97 100-105 129-139
MW-65	Gun and Mortar well (GP-14)	275	153	116-126 129-134 210-220
MW-66	Gun and Mortar well (GP-16)	275	146	125.7-135.7 140.8-150.8 227.7-237.7
MW-67	Gun and Mortar well (GP-20)	310	154	161-171 243-253
MW-68	Gun and Mortar well (MP-1)	245	157	84-94 106-116
MW-69	Gun and Mortar well (MP-3)	270	157	110-120 153-163 190-200
MW-70	Gun and Mortar well (MP-4)	110		
MW-71	Gun and Mortar well (MP-7)	315	155	
MW-81b	Bourne far field well (2nd boring)	195	166	53-58 128-138 194-194
MW-82b	Bourne far field well (2nd boring)	135	105	54-64 104-114 125-135
MW-83b	Bourne far field well (2nd boring)	152	115	110-120 142-152
MW-84a	Bourne far field well (1st boring)	214	175	54-64 79-89 104-114

MW-84b	Bourne far field well (2nd boring)	200	161	140-150 190-200
bgs = below ground surface bwt = below water table				

Samples collected during the month are summarized in Table 2. Groundwater sampling continued for round 3 of the Phase I monitoring wells and the first round of the newly installed wells. Groundwater profile samples were collected from MW-62, MW-64, MW-65, MW-66, MW-67, MW-68, MW-69, and MW-71; locations and drilling status for these wells are indicated in Table 1. An air sample was collected downwind of the UXO detonation on the J-1 Range on September 30, and soil samples were collected from the detonation craters.

The Guard, EPA, and MADEP had a meeting on September 2 to discuss technical issues, including the following:

- Selection of screen depths for MW-82 deep wells. The remaining profile data and boring log was faxed 9/1. EPA, DEP and the Guard agreed to set the remaining two screens at 75' to 85' below the water table (bwt) and 95' to 105' bwt. EPA requested that the Guard determine why there are increased detections of acetone, MEK and 2 hexanone on MW-82 as compared to the other Bourne far field wells.

- The Guard asked the EPA what the status of the comments on the Gun and Mortar Sampling Plan, because this task will bring the laboratory to most of its capacity and will need to refuse any additional work. The EPA indicated that they will have comments by the next tech meeting. The EPA requested that the former F Range be added to the list of ranges to be investigated.

- The status of the steel lined pit UXO was discussed. The Guard indicated that decisions are being made on how the 102nd EOD can continue supporting the Guard on UXO issues. The Guard indicated they should have an answer on 9/3. EPA requested that the documentation of the requirement for "blow in place" disposal be submitted at the time of the 72 hr notice. The EPA also asked on the status of the soil sampling at the APC. The Guard indicated that it had not been done because EOD needed to move some rounds so that Ogden's UXO contractor could clear the sampling area.

- A 1-page handout of the Sandwich # 9 well vertical ZOC was distributed for DEP and EPA review. The EPA asked Ogden to review the plan view Sandwich well ZOC map distributed at the 8/26 tech meeting, because it appeared to have an extra ZOC.

- A 2-page handout was distributed which included the cross-section of the J Well and the J Well vertical ZOC for EPA review. The Guard distributed a letter from the 102nd FW which stated their concern for the proposed location of the J Well far field well.

- EPA comments on Major Knott's August 24 letter which are as follows:

  <u>New Deadlines</u>

  EPA requested clarification on item 2 and 5 as to why the MMR wells are being sampled for different parameters. Ogden will review the sampling plans and clarify the sampling events.

Future Deadlines

EPA requested a proposed date for Items 1 and 2 (IRP well sampling round 2 and 3). Guard indicated that the plan only required the sampling of the 48 new wells as a 1 time event. Ogden inadvertently added these additional rounds to the schedule. EPA stated that they would review the plans and determine if they agree.

Item 3, EPA would like to know at what point the lab would exceed its capacity. Ogden stated that they would prepare a table showing the lab's capacity and the volume of work on the schedule.

Items 5 through 9, EPA requested clarification on why a 2-month schedule between rounds has been proposed instead of 3 months. Ogden will review and get comments back to EPA.

Item 11 and 12, EPA had received the request for extension on the steel lined pit activities. Ogden stated that the proposed dates assumed that the UXO would be disposed of the week of the 3rd. The Guard asked for a schedule of completion dates for the steel lined pit work based on completion of UXO disposal.

Item 14, EPA asked what the constituted the implementation of the munitions survey. The Guard indicated that it was when the contractor was given the contract and told to begin preparing plans.

Item 15 the EPA wanted a proposed start date of the beginning of training area investigations to be based on completion of EPA review.

Item 18, the EPA requested that the Guard provide a revised start and finish date and an explanation of the change. The Guard asked the EPA to provide a priority list of the ranges to be investigated.

- The EPA stated that it is their position that the Army Corp of Engineers UXO avoidance policy is the appropriate avoidance policy for the IAGWS. The Guard indicated that they refer to DDESB for their review.

- Guard asked about the status of the 50 cal rounds found in Ashumet Pond by Paul Zanis. EPA stated that the rounds were currently at Paul's house and that the Guard should get them. The Guard indicated that this issue has been referred to the State Police, and the Guard does not have jurisdiction in the matters.

The Guard, EPA, and MADEP had a meeting on September 9 to discuss technical issues, including the following:

- Selection of screen depths for MW-84. The remaining profile data were faxed on 9/8. EPA, DEP, and the Guard agreed to set the remaining two screens at 100' to 110' bwt and 150' to 160' bwt. EPA requested that the Bourne far field well cross section be updated.

- Selection of screen depths for MW-64 (GP-6). The profile data were not available for the meeting but at a meeting/conference at 3:00, the EPA, DEP, and the Guard agreed to set three screens instead of the two screens in the workplan. It was agreed to set the screens at -5' to 5' bwt, 8' to 13' bwt, and 37' to 47' bwt.

- The status of the far field well proposal for the J well and the Sandwich wells was discussed. EPA requested that the USGS re-run the vertical ZOCs for each of the five Sandwich supply wells east of

MMR individually to determine which of the ZOC is deepest and extends furthest on to the base. EPA also requested that the pumping rates used in the model are correct. EPA indicated that they may ask for a second far field well cluster south of the "SFF-1" proposed location, in the off-Post area. There was a discussion of the 102nd FW letter of August 18 on the J Well. EPA asked why the southern locations for the J Well far field wells are not being considered. The Guard stated that access issues and travel times have made these locations undesirable and that the northern location proposed will be sufficient to monitor training area activities. The EPA stated that IRP monitoring well 102 is not satisfactory because it does not meet the criteria of a far field well. EPA indicated that they may ask for a location in the off-Post area somewhat north of the southern MMR boundary. There was a discussion of the objectives for the far field well at the J Well, which differs from other wells in that it has a treatment system in place.

- The status of the field work was discussed. Ogden indicated that one sonic rig was finishing MW-84 and that two barber rigs and one sonic rig are continuing on gun and mortar wells. After these are completed the next scheduled drilling is the additional far field wells and the Demo 1 wells. EPA asked if the sub-regional model was going to be used before we start the Demo 1 wells. Ogden indicated that the USGS was currently working on the sub-regional model. Groundwater sampling has been completed for round 2 of the new wells, and is starting for round 3 of the old wells.

- Responses to comments on the Guard's NON response letter were discussed. The Guard indicated it will answer EPA's verbal questions of 9/2 by 9/13, except for the lab capacity issue which will be answered by about 9/15. There was discussion of schedule status and changes since the Guard's letter of 8/24. The following items from that letter were discussed:

  <u>Alleged Violations</u>

  10. Assessment of Site Features - EPA requested that the remaining locations off Pew Road be discussed at next weeks technical meeting.

  16. Prepare final FSP - Date is OK assuming two weeks for EPA review time.

  <u>Future Deadlines</u>

  1. and 2. Sample IRP Wells Round 2 and 3 - Guard believes that only one round was required but they would sample a select group of wells for additional rounds. EPA stated that they assumed all wells were getting three rounds of sampling and would need more information before they could make a decision.

  3. Sample Phase I Well Round 3 - Guard stated that this work has started but is unlikely to be completed by the 9/29 date. EPA did not agree to the 10/29 date and requested that the Guard re-evaluate and propose a new date.

  4. Sample/analyze G1 FF Wells Round 3 - Guard and EPA agreed to revise the proposed completion date for round 3 because round 2 was completed prior to the scheduled date. Three months will be proposed between rounds.

  5., 6., and 7. Sample/analyze G2 FF Wells Round 1, 2, and 3 - EPA requested clarification on what wells were in Priority Group 2. Ogden indicated that MW-63, and MW-80 through MW-83 are the G2 FF Wells referenced in the schedule. EPA and Guard agreed with the date of Round 1 but changed round 2 to 1/15/00 and round 3 to 4/15/00.

11., 12., and 13. Guard indicated that UXO issues are continuing to delay these tasks. EPA asked why one task must be completed before the next can start. Ogden indicated that the UXO must be disposed of before any work can begin. The road building must be completed prior to any of the drilling because the detonation of the UXO will produce craters in the road. Down hole UXO clearance must be completed prior to well drilling. Down hole clearance and soil sampling will occur at the same time. Soil sampling and well drilling can not be performed at the same time due to the limited space on the drilling pad. Guard has submitted a letter dated 9/9/99 with proposed extension.

15. Begin training area investigations - There was a discussion of whether the proposed date is realistic and what would constitute "beginning" the investigation. The Guard will reevaluate this date in light of scoping and mobilization requirements.

18. Soil sampling/analysis at gun and mortar positions - Guard believes that an extension is required in order not to overload the laboratory. Ogden is currently working on preparing justification for this request, and will combine info on capacity provided by lab with schedule for known analyses.

19. and 20. Install and sample/analyze Gun and Mortar Position Wells - Work has started on drilling these wells. EPA asked the Guard to review these tasks and revise the completion date.

21. and 22. Begin trenches and mortar target investigations - Same issue as 15 above... EPA requested the Guard revise this date because they don't believe scoping is the "beginning" of the investigation.

- Action Items from IART Meeting of 7/19/99 were discussed.

  Ogden indicated that the investigation update for Raccoon Lane is not in the slide show. EPA requested that Ogden go over the results even if it is not in the slide show. The Guard needs to get the survey coordinates and elevations of the J-3 wetland drive points from IRP, in order to complete particle tracks for the J-3 Wetland Report (TM 99-4).

  Ogden indicated that the request to change the progress reports to contain only validated data need to be discussed with IART personnel.

  Ogden indicated that the request to have IRP detections included was not done. Need clarification on the request was for all data or just explosives. This change will be completed for next month.

EPA convened a meeting of the Impact Area Review Team on September 9, 1999. Topics discussed included EPA's NON, the Technical Outreach Services Program, the LRWS Program, IAGS Update, bottled water requests, and an update on munitions surveys.

The Guard, EPA, and MADEP had a meeting on September 16 to discuss technical issues, including the following:

- A 2-page handout of the proposed schedule of work was provided showing the number of samples to be collected and the laboratory's capacity. The Guard stated that these estimates do not include any samples that Jacobs Engineering may send to the lab from the CS-19 investigation.

- A 9-page handout of the remaining notes and photographs from the recent field reconnaissance was distributed. EPA noted that the description of the former buildings on Pew Road stated that the buildings were located on the west side of the road when actually they are on the east side of the road. Ogden and the Guard agreed that they are located on the east side of Pew Road.

- A proposed change to the grid dimension for targets was discussed. The Guard is concerned that if the standard 22' X 22' grid is used on some of the smaller targets then there will be overlap between grids and duplicate sample locations. The EPA requested that the Guard provide a proposal on grid dimensions, and indicated they are amenable to a modification of the current grid arrangement if several alternatives are offered.

- A 3-page handout of proposed Guard responses to the EPA's comments to the draft Phase IIa Sampling Plan for Gun and Mortar Positions was distributed for discussion.

  General Comments:

  1. The EPA requested that a list of all positions currently utilized for training be provided. The Guard will provide this information.

  Specific Comments:

  1. The EPA requested that the statement "the Phase I results indicate that there is no evidence of munitions related contaminants at mortar positions" be changed to "The limited Phase I investigation did not find evidence of munitions related contaminants at mortar positions". The Guard stated that this is a quote from an existing report and therefore cannot be changed. The Guard will add a sentence indicating the limited nature of the investigation.

  2. The EPA requested that the reference to a finding of no imminent threat to human health. The Guard stated that they would review the reference and comment.

  3. The EPA is concerned that training activities at GP-16 may have disturbed the soil. The Guard will determine what activities have occurred at GP-16. Ogden proposed to change the depth of sampling to those of the Phase I soil sampling. EPA will evaluate the proposal of changing the sampling depth.

  4. The EPA stated that Table 1 does not contain the former F Range or the R Range. The Guard stated that the former F Range will be included as part of the Phase IIb Workplan and that the R Range was included as part of the IBC Range. EPA believes that the R Range is adjacent to the IBC but need to review this.

  7. EPA stated that GP-18 and MP-3 are listed in Table 1 but are not located in any of the figures. The Guard indicated that these were sampled in Phase 1 and were not proposed for further sampling at this time.

- A 2-page letter dated 9/15/99 was provided with the Guard's response to EPA's 9/19/99 letter regarding the J Ranges and DU survey. The EPA requested the Oak Ridge response to comments on the DU report before they could comment further. EPA requested that they meet with the Guard next week to discuss the Guard requesting data from R&D contractors.

- Format for future IART maps was discussed. The Guard agreed to modify the detection maps so that cumulative data are provided. Any detection at any time during the sampling program will be shown on the maps and attached tables.

- Format for future progress reports was discussed. It was agreed that the weekly report format should not be changed. Maps will be added to the monthly progress report showing groundwater concentrations that exceed an MCL or HA, grouped by analyte type. These will be cumulative maps, not maps showing only the current conditions. Therefore, the only difference from the public meeting maps will be that the monthly maps will show exceedances of drinking water standards, while the meeting maps will show all detections.

- The status of the particle track for Sandwich wells was discussed. Ogden stated that the ZOCs were received from USGS but that there was a problem with them. Ogden will request USGS revise the format and they will be sent by Fed Ex to EPA and DEP. EPA asked on the status of the particle tracks for the J-3 wetland. Ogden stated that they have not been done yet.

- EPA stated that the one far field well for the J well was acceptable and that it should be located as close to the property boundary as possible, south of the bypass, and near the center of the ZOC. The boring must be drilled to bedrock. EPA stated that they will get a letter to the Guard with this approval pending receipt of a revised map showing the location. The Guard will provide a map with the new location.

- EPA requested the reason that the Bourne far field well proposal only had the boring down to a depth of 150 feet below the water table. Ogden stated that it was because the ZOC for the supply wells was shallow.

- EPA stated that there would be no additional comments on the J Ranges work plan. The August 21 letter and August 24 meeting included all of EPA's comments.

- EPA requested that the Guard add wells 95-6E, 95-6A, and 95-15A to the sampling program. EPA provided a 2-page handout showing approximate screen depths for these wells. It was requested that parameters include all Phase I analytes, for at least one sampling round.

- EPA requested that USGS prepare a new particle track for Demo 1 (MW-19) using the subregional model.

- EPA requested that a response plan for the apparent J-3 Range contamination be provided within 4 weeks.

- EPA requested that the additional far field wells for LRWS 3 be added back to the investigation.

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

- There was a discussion of the schedule and equipment for installing wells over the next few months, which include gun/mortar position wells, Far Field monitoring wells (which include the J Well cluster, the Sandwich ZOC cluster, and the two clusters originally located in the ZOC for LRWS-3), and the Demo 1 response plan wells. After completing the current gun/mortar position wells, one of the two Barber rigs will be used to drill Demo 1 wells, and the other will be exchanged for a sonic rig to drill the Far Field locations. It was agreed that the Far Field wells will be installed by 11/30/99, providing locations can be finalized in the next few weeks. The Guard will provide a map of the proposed well locations, and a letter specifying the proposed depths and rationale for profiling.

- Detection tables for the supply well samples were not yet available. Ogden is formatting the data to allow separation of these results from other monitoring wells. It is expected these will be provided at next week's meeting. EPA asked that the results also be provided to the operators of the supply wells.

- The TNT test results provided by EPA at the 9/16/99 meeting were copied and distributed. It was agreed that the results indicate a possible detection of TNT at LRWS2-3 from a sample collected and tested by others in 1996. The validation status for the result is unknown, but will be requested from AFCEE. Two samples tested under the IAGS, from 1997 and 1999, had no detections of explosive compounds. EPA requested that the 1996 detection be added to the public meeting detection maps, which will become cumulative as indicated in last week's technical meeting. A footnote can be added to indicate the origin of this data.

- A copy of the 2/17/99 letter describing TIC results was provided. It was not possible to locate EPA's subsequent comments on the letter, prior to the technical meeting. These comments, dated 4/15/99, will be provided to the IART, along with a copy of the 2/17/99 letter. The letter and comments will be discussed at next week's technical meeting.

- EPA's comments of 9/20/99 on the Phase 2a Gun/Mortar FSP were discussed. Ogden asked why EPA requested that dioxins/furans be added to the analyte list. EPA indicated that these compounds were not likely to be present, but that the agency wanted to test for them for the sake of completeness. Ogden indicated that the current lab was not set up for these analytes. Therefore, it might be several weeks before a suitable lab could be identified and accepted by the agencies. There would likely be additional lead time required by the laboratory, depending on their backlog from other projects. The schedule to begin the GP-16 grid confirmation sampling was discussed. EPA indicated that this sampling for explosive analytes should go ahead in parallel with identification of a lab for the dioxin samples. The dioxin sampling could be caught up with the sampling for other analytes as soon as the lab was on board.

- Regarding other EPA comments of 9/20/99, it was agreed to add the Former F Range firing positions to the FSP. A map of proposed sampling locations at Former F Range will be provided to the agencies for approval, prior to finalizing the document. Also, a substitute for the GP-16 location should be proposed for grid confirmation sampling, since this location has been graded since the Phase I sampling. The substitute could be another Phase I location that had propellant detections (if ungraded), or a high-use position based on the gun/mortar firing and bag burning data. The Guard will coordinate with AFCEE on access for Old H Range, which needs to be sampled in October to stay on schedule and in keeping with EPA's priorities.

- There was a discussion of scheduling issues from the Guard's letter of 9/16/99. It was agreed that the current four Far Field well clusters (see 1st bullet above) could be installed by 11/30/99 based on obtaining a second sonic rig by 10/18/99 and drilling the LRWS-3 locations first, since these would not be safe to drill during hunting season (Alleged Violation #1). EPA will probably not finalize the schedule for Future Deadlines #1 and #2 until the proposal is received from the Guard on which wells to sample, expected 10/1/99. It was agreed that round 3 sampling of the new wells can be completed by 12/2/99 (Future Deadline #4). EPA may decide not to specify the start of the Training Area investigations at this time (Future Deadline #15), although it is considering a start date of 1/6/00. It was agreed that a completion date of 3/5/00 was feasible for soil sampling at the gun and mortar positions (Future Deadline #18), based on a start date of October 1999 and a 5-month duration. For Future Deadlines #21 and #22, EPA asked the Guard to consider a 4-week period for scoping and mobilization of these activities (trenches and mortar target investigations).

- Particle track results for DP-8 and -9 (near J-3 Wetland), the Sandwich supply wells, and regional and subregional model runs for the MW-19 particle track were handed out and discussed. The USGS indicated they were still tweaking the subregional model output. The EPA indicated that the letter approving the Demo 1 work was contingent upon receiving the comparison between the regional and subregional particle tracks for Demo 1. The EPA wanted to know when the bugs will be worked out of the model but the USGS did not provide a firm date. EPA requested PDF files for all of the particle tracks prior to next Thursdays meeting. EPA requested that the Guard have the USGS run reverse particle tracks from MW-18M1 (this is the TCE detect), and have results by next Thursdays meeting.

- EPA requested a schedule by Monday for the start of drilling at Demo 1.

- EPA requested a description or SOW for Ogden's contract with US Environmental.

- EPA requested that a schedule be prepared for next Thursday's meeting indicating major milestones.

- An agenda item for next week is the development of a primary and secondary schedule of milestones.

- The Guard mentioned a letter from the Dept. of Fish & Wildlife that discussed hunting schedules. The Guard handed out a response in the meeting.

- The Guard handed out a letter to MADEP reporting the reportable releases under the MCP.

The Guard, EPA, and MADEP had a meeting on September 30 to discuss technical issues, including the following:

- The profile data and boring log for MW-67, faxed earlier, were discussed in order to select well screen positions. It was agreed to set a shallow screen at 5-15 feet bwt in order to bracket the shallow detection of 2,6-DNT, which is also where more VOCs were detected. It was also agreed to set a deeper screen at 87-97 feet bwt in order to bracket one of the RDX detects (none were confirmed by PDA) in a relatively sandy zone.

- A 2-page letter (9/28/99) from the Guard to EPA proposing locations and depths for Group 2 Far Field monitoring wells was provided. The Guard is seeking written approval of this drilling program as soon as possible. A 2-page letter (9/30/99) from EPA to the Guard was provided, directing the Guard to proceed with the installation of two Far Field monitoring well clusters upgradient from LRWS-3. The two clusters will be installed by 11/30/99.

- A 2-page letter (9/30/99) from Ogden to EPA responding to the agency's comments dated 4/15/99 was provided. The comments and responses are concerning the Guard's evaluation of the presence of Tentatively Identified Compounds (TICs) in the Phase I groundwater data.

- Two draft 1-page handouts were provided with suggested schedule milestones; one for the groundwater study (9/29/99) and one for the munitions survey (9/30/99). It was suggested that submittals of draft reports were logical milestones since these are the documents needed for decision-making, and it may be less important when particular events take place such as completion of sampling. EPA requested that the tabular presentation of the GW study milestones be reformatted into a Gantt chart. EPA requested that the Munitions Survey schedule include some additional details, such as when surveys are expected complete at each investigation area, though these might not be classified as milestones.

- A draft 4-page letter (9/29/99) from the Guard to the Army Corps of Engineers (ACOE) was provided, with a 1-page cover letter (9/29/99) indicating that the Guard is seeking input on this letter from the technical team within the next week (by 10/7). The letter to ACOE recommends an approach to investigation of the activities conducted by Textron at the J-1 and J-3 Ranges. Textron is required to repair any damage to the environment as a condition of its license termination, and ACOE is in charge of overseeing this requirement.

- There was a discussion of the sampling requirements for "extra" wells, which were not included in approved workplans but are sometimes added by the technical team based on chemistry or geology data collected while drilling. With regard to the specific screen added for MW-69 during Monday's conference call, EPA asked that this well be sampled one time for all Phase I analytes. There have been approximately 8-10 other wells added this year. The Guard will prepare a table identifying all wells constructed or sampled to date including the extra wells, and the sampling program that is currently in effect or proposed for each well including frequency and analytes. EPA requested that the sampling program for the extra wells be determined on a case-by-case basis depending on the rationale for installation.

- An 11-page letter (9/30/99) from the Guard to EPA was provided concerning additional sampling rounds for the "IRP Wells" that were added to the study by the 11/30/98 Supplement to Workplan for Completion of Phase I Activities. The letter proposes to conduct a second round of sampling for explosive analytes, except for four wells that do not appear to be monitoring groundwater from the Training Ranges or Impact Area. The Guard requests a response no later than 10/15/99 in order to sample the wells by 11/5/99.

- A 1-page map (no date) was provided showing proposed soil sampling locations for the artillery positions at the Former F Range. This map would be added to the Phase IIa FSP for Gun and Mortar Positions, if acceptable to the agencies. EPA requested that the clearing on the west side of the figure be identified.

- The UXO removal operation conducted in the morning was discussed. None of the rounds were detonated; several were determined to be inert, several had the fuze blown off and could be moved to the holding area. A modification to the sampling plan was discussed to address the issue of soil sampling when there is no detonation crater. The Guard will send a written request for modification to EPA so that, in this scenario, a discrete soil sample would be collected from beneath the round (sent by email 9/30).

- The latest groundwater sample from 95-14 was described as having a odor, but no PID response. The Guard has requested analysis for all Phase I compounds. The well will be surveyed to allow modeling of the source area to be performed.

- The issue of preserving soil samples for VOC analysis was revisited. As discussed at technical meetings in April-May 1999, a change from the current method to include use of the Encore (tm) sampling device has been recommended. The agencies indicated that this sampling method would be appropriate. The Guard also proposes to modify the VOC sampling frequency at the gun and mortar position soil grids. These locations are frequently graded and it appears unlikely that shallow soil would contain volatile compounds from a historic release. The modification (aside from using the Encore sampler) would be to collect VOC samples at the 18-24 inch depth in accordance with existing protocol, and to collect VOC samples from the 0-6 inch depth if there is a headspace screening detection above background using the PID. The Guard will submit this request in writing.

Also, the Guard will check with AFCEE regarding alternatives to hand auger sampling that would also improve preservation.

- The Guard mentioned that there needs to be a meeting with EPA for long-range planning.

- Ogden indicated that the requested particle track for MW-18 has been provided by USGS, but remains to be formatted. Work on the Interim Results Report maps are taking priority at this time. Ogden will try to complete for next week. The particle track for MW-2M2 has been prepared and will be sent by email.

- EPA requested a list of munitions currently being held for the CDC.

- The Guard showed a list of training activities for the preceding year that was prepared by Range Control. The Guard will distill this list to address the activities at gun and mortar positions. Also, the Guard will check with Facilities Engineering regarding the schedule for grading gun/mortar positions.

- The Guard showed a map from MASSGIS with public water supply wells in the area northwest of MMR. The Guard will check with Bob Burt for information on any additional wells in this area. Information on well depths will be collected to allow estimation of the contributing areas.

- EPA asked for clarification on Supplement #1 to the Groundwater FSP; it appears that the cover letter contradicts the plan, regarding 03MW0046.

- A 3-page letter (9/30/99) from EPA to the Guard was provided responding to the requests for extension related to UXO clearance. The letter provides new deadlines for the activities at the steel-sided pit, and EPA requests explanation and discussion of the UXO management policy for the IAGS.

2. SUMMARY OF DATA RECEIVED

Validated Data

Validated data were received during September for Sample Delivery Groups (SDGs) 122, 124-126, 128, 129, 131, 132, 134, 137, 153-156, 161, 162, 165, 173, 178, 179, and 181. These SDGs contain results for 119 soil samples from the KD and U Ranges, 6 air samples from a UXO detonation on 8/3/99, and 180 groundwater profile samples. The profile samples were collected during drilling at MW-36, -37, -38, -39, -40, -44, -45, -53, -54, -55, -60, -61, -63, and –80 in the Impact Area and Training Ranges, and at DP-2 in AFCEE's Raccoon Lane Investigation. Complete validated data for these samples are provided in an attachment to this progress report.

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, 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 is greater than or equal to (GTE) the lowest MCL or HA for the analyte(s). A green circle is used to depict a well where the concentration of all analytes is less than (LT) the lowest MCL or HA, or is not detectable. 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.

There are multiple labels listed for some wells in Figures 1-5, which indicates 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, chemicals entering the top of the aquifer will move deeper into the aquifer as groundwater 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 or 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. 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 three general areas: Demo Area 1 (wells 19, 73, 31, and 34); the Impact Area and CS-19 (wells 58MW0002, 58MW0009E, 1, 2, 23, 25, and 38); and southeast of the J Ranges (wells 90MW0022, 90WT0013). CS-19 is a site located in the Impact Area that is currently under investigation by the Air Force Center for Environmental Excellence (AFCEE) under the Superfund program. Studies are currently underway to delineate the extent of contaminants in the Impact Area, which may include several separate sources. Exceedances of drinking water criteria were measured for 2,4,6-trinitrotoluene (TNT) at Demo Area 1 (well 19S), and for hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) at all other locations. One of the exceedance wells, 90WT0013, has had no detectable explosives in the most recent sample (1/99), and is currently being tested a third time.

Figure 2: Metals in Groundwater Compared to MCLs/HAs

Exceedances of drinking water criteria for metals are scattered throughout the study area. The exceedances have been measured for antimony, lead, molybdenum, sodium, thallium and zinc. Antimony (well 3D) and lead (well 2S) have only exceeded the criteria once, in one well each, and subsequent samples from these wells have not had exceedances. Molybdenum (29 wells) and thallium (22 wells) exceedances have been fairly widespread. Most of the exceedances for these compounds are in wells that have only been sampled once. For the wells that have been sampled twice for these compounds, only two of the seven molybdenum exceedances were repeated in consecutive sampling rounds (wells 13D and 2S), and only one of the seven thallium exceedances (well 7M2). Sodium levels exceeded the HA in

eight wells, two of which had exceedances in consecutive sampling rounds. The highest measured sodium level was 1.9 times the HA, which is based on a salt-restricted diet. Zinc exceeded the HA in six wells, all of which are constructed of galvanized (zinc-coated) steel.

Figure 3: VOCs in Groundwater Compared to MCLs/HAs

Exceedances of drinking water criteria for VOCs are indicated in two general areas: CS-10 (wells 03MW0007A, 03MW0014A, and 03MW0020), and LF-1 (well 27MW0017B). CS-10 and LF-1 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, and for vinyl chloride at LF-1. 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 one location (well 45S, see Inset B) which had an exceedance for naphthalene. 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 (7/97) and in subsequent responses to comments. The theory that BEHP occurred as an artifact, and was not really present in the aquifer, is supported by the fact that the latest sampling round shows much lower levels of the chemical after additional precautions were taken to prevent cross-contamination. Only two locations showed BEHP exceedances in consecutive sampling rounds: 28MW0106 (located near SD-5, a site under investigation by AFCEE), and 58MW0006E (located at CS-19). The naphthalene exceedance at well 45S is located in FS-12, a site under investigation by AFCEE.

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. The well has only been sampled once for this compound.

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 conducted in this timeframe. The rush data are not 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 PDA-verified explosive detections in a number of wells where they have been previously detected. Monitoring well samples are indicated as "SAMP_TYPE" = GROUNDWATER. The samples are from the third round of monitoring Phase 1 wells (which is still underway) and from the second round of monitoring Phase 2a wells (which is complete). The explosives were detected at wells 1S, 1M2, 2M2, 19S, 23M1, 25S, 30S, 31S, 31M, 34M1, 34M2, 38M3, 38M4, 39M2, 43M2, 50M1, 59S, and 73S. All these wells had previous detections of the same compounds, except for well 34M1, which had no explosive detected in the single previous sampling round.

Table 4 also indicates PDA-verified explosive detections in a few profile samples from the current round of drilling. Profile samples are indicated as "SAMP_TYPE" = PROFILE. A profile sample from near the water table at MW-64 (GP-6) had RDX detected. Profile samples from near the water table at MW-65 (GP-14), MW-66 (GP-16), and MW-67 (GP-20) had 2,6-dinitrotoluene (2,6-DNT) detected. One deeper sample from MW-66 also had 2,6-DNT detected. There were many false positive explosive detections among the profile samples. Profile samples typically contained the VOCs acetone, chloroform, and methyl ethyl ketone (MEK). With the exception of chloroform, which appears to be naturally occurring, these VOCs detected in profiles are generally not detected in monitoring wells installed at the same depth, and are suspected of being an artifact of the process of sampling during drilling.

3. DELIVERABLES SUBMITTED

Deliverables submitted during the reporting period include the following:

Weekly Progress Report for August 23-27, 1999	9/10/99
Monthly Progress Report No. 29 (August 1999)	9/10/99
Weekly Progress Update for August 30 – September 3, 1999	9/24/99
Weekly Progress Update for September 6-10, 1999	9/24/99
Draft Phase II(b) Supplemental Workplan	9/27/99
Weekly Progress Update for September 13-17, 1999	9/29/99
Weekly Progress Update for September 20-24, 1999	9/29/99

4. SCHEDULED ACTIONS

Figure 6 provides a Gantt chart based on the Final Action Plan, updated to reflected progress and proposed work. Activities scheduled for October and early November include: procure supplemental funding; revise Draft PEP Report; additional supply well sampling; complete round 3 sampling for Phase I wells and round 1 sampling for far field Group 2 wells; start round 3 sampling for Phase II(a) wells; complete soil sampling for source areas; complete soil sampling and monitoring well installation for the steel-lined pit; complete monitoring well installations for gun and mortar positions; complete sampling for gun/mortar wells; start soil sampling for gun/mortar positions; commence installation of LRWS-3, J-well, and Sandwich far field wells; commence installation of Demo 1 response wells; and complete draft Interim Results Report. The next meeting of the Impact Area Groundwater Study Review Team has been scheduled for October 28, 1999.

TABLE 2
SAMPLING PROGRESS
9/1-9/31

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
ASJ1RANGE	ASJ1RANGE	09/30/1999	AIR				
G62DIE	FIELDQC	09/01/1999	FIELDQC	0.00	0.00		
G64DCE	FIELDQC	09/01/1999	FIELDQC	0.00	0.00		
G64DCT	FIELDQC	09/01/1999	FIELDQC	0.00	0.00		
G64DJE	FIELDQC	09/02/1999	FIELDQC	0.00	0.00		
G64DJT	FIELDQC	09/02/1999	FIELDQC	0.00	0.00		
G64DME	FIELDQC	09/07/1999	FIELDQC	0.00	0.00		
G64DMT	FIELDQC	09/07/1999	FIELDQC	0.00	0.00		
G65DAT	FIELDQC	09/14/1999	FIELDQC	0.00	0.00		
G65DCE	FIELDQC	09/14/1999	FIELDQC	0.00	0.00		
G65DFE	FIELDQC	09/15/1999	FIELDQC	0.00	0.00		
G65DFT	FIELDQC	09/15/1999	FIELDQC	0.00	0.00		
G65DJE	FIELDQC	09/16/1999	FIELDQC	0.00	0.00		
G65DJT	FIELDQC	09/16/1999	FIELDQC	0.00	0.00		
G65DOE	FIELDQC	09/17/1999	FIELDQC	0.00	0.00		
G65DOT	FIELDQC	09/17/1999	FIELDQC	0.00	0.00		
G66DAE	FIELDQC	09/07/1999	FIELDQC	0.00	0.00		
G66DHE	FIELDQC	09/09/1999	FIELDQC	0.00	0.00		
G66DHT	FIELDQC	09/09/1999	FIELDQC	0.00	0.00		
G66DNE	FIELDQC	09/10/1999	FIELDQC	0.00	0.00		
G66DNT	FIELDQC	09/10/1999	FIELDQC	0.00	0.00		
G67DAE	FIELDQC	09/22/1999	FIELDQC	0.00	0.00		
G67DAT	FIELDQC	09/22/1999	FIELDQC	0.00	0.00		
G67DGT	FIELDQC	09/24/1999	FIELDQC	0.00	0.00		
G67DIE	FIELDQC	09/27/1999	FIELDQC	0.00	0.00		
G67DIT	FIELDQC	09/27/1999	FIELDQC	0.00	0.00		
G67GDE	FIELDQC	09/24/1999	FIELDQC	0.00	0.00		
G68DAE	FIELDQC	09/07/1999	FIELDQC	0.00	0.00		
G68DCE	FIELDQC	09/08/1999	FIELDQC	0.00	0.00		
G68DCT	FIELDQC	09/08/1999	FIELDQC	0.00	0.00		
G69DAE	FIELDQC	09/17/1999	FIELDQC	0.00	0.00		
G69DAT	FIELDQC	09/17/1999	FIELDQC	0.00	0.00		
G69DEE	FIELDQC	09/20/1999	FIELDQC	0.00	0.00		
G69DET	FIELDQC	09/20/1999	FIELDQC	0.00	0.00		
G69DJT	FIELDQC	09/21/1999	FIELDQC	0.00	0.00		
G69DME	FIELDQC	09/23/1999	FIELDQC	0.00	0.00		
G69DMT	FIELDQC	09/23/1999	FIELDQC	0.00	0.00		
G71DAE	FIELDQC	09/28/1999	FIELDQC	0.00	0.00		
G71DCE	FIELDQC	09/28/1999	FIELDQC	0.00	0.00		
G71DDE	FIELDQC	09/28/1999	FIELDQC	0.00	0.00		
G71DDT	FIELDQC	09/28/1999	FIELDQC	0.00	0.00		
G71DJE	FIELDQC	09/29/1999	FIELDQC	0.00	0.00		
G71DJT	FIELDQC	09/29/1999	FIELDQC	0.00	0.00		
G71DME	FIELDQC	09/30/1999	FIELDQC	0.00	0.00		
G71DMT	FIELDQC	09/30/1999	FIELDQC	0.00	0.00		
W03DDT	FIELDQC	09/03/1999	FIELDQC	0.00	0.00		
W23M1T	FIELDQC	09/13/1999	FIELDQC	0.00	0.00		
W9506E	FIELDQC	09/23/1999	FIELDQC	0.00	0.00		
W9515E	FIELDQC	09/24/1999	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
9/1-9/31

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
WC5EXE	FIELDQC	09/28/1999	FIELDQC	0.00	0.00		
WC7CXE	FIELQC	09/28/1999	FIELDQC	0.00	0.00		
WF03XE	FIELDQC	09/30/1999	FIELDQC	0.00	0.00		
403600J-01G	403600J-01G	09/23/1999	GROUNDWATER	0.00	0.00		
ECMWSNP02D	ECMWSNP02D	09/13/1999	GROUNDWATER			79.90	84.90
ECMWSNP02S	ECMWSNP02S	09/13/1999	GROUNDWATER			40.00	45.00
ECMWSNP03D	ECMWSNP03D	09/10/1999	GROUNDWATER			79.90	84.90
ECMWSNP03S	ECMWSNP03S	09/10/1999	GROUNDWATER			40.00	45.00
W01DDA	MW-1	09/07/1999	GROUNDWATER			174.00	184.00
W01M1A	MW-1	09/08/1999	GROUNDWATER			60.00	65.00
W01M2A	MW-1	09/07/1999	GROUNDWATER			40.00	45.00
W01SSA	MW-1	09/07/1999	GROUNDWATER			0.00	10.00
W02DDA	MW-2	09/03/1999	GROUNDWATER			287.00	295.00
W02M1A	MW-2	09/02/1999	GROUNDWATER			73.00	78.00
W02M2A	MW-2	09/03/1999	GROUNDWATER			31.00	36.00
W02SSA	MW-2	09/02/1999	GROUNDWATER			0.00	10.00
W02SSL	MW-2	09/02/1999	GROUNDWATER			0.00	10.00
W03DDA	MW-3	09/03/1999	GROUNDWATER			218.00	223.00
W03M1A	MW-3	09/03/1999	GROUNDWATER			196.00	201.00
W03M2A	MW-3	09/07/1999	GROUNDWATER			136.00	141.00
W03SSA	MW-3	09/03/1999	GROUNDWATER			0.00	10.00
W04SSA	MW-4	09/02/1999	GROUNDWATER			0.00	10.00
W05DDA	MW-5	09/03/1999	GROUNDWATER			220.00	225.00
W05M1A	MW-5	09/07/1999	GROUNDWATER			55.00	60.00
W05M2A	MW-5	09/07/1999	GROUNDWATER			95.00	100.00
W05SSA	MW-5	09/03/1999	GROUNDWATER			0.00	10.00
W06SSA	MW-6	09/08/1999	GROUNDWATER			0.00	10.00
W07DDA	MW-7	09/08/1999	GROUNDWATER			227.00	337.00
W07DDL	MW-7	09/08/1999	GROUNDWATER			227.00	337.00
W07M1A	MW-7	09/07/1999	GROUNDWATER			67.00	72.00
W07M1D	MW-7	09/07/1999	GROUNDWATER			67.00	72.00
W07M1L	MW-7	09/07/1999	GROUNDWATER			67.00	72.00
W07M1X	MW-7	09/07/1999	GROUNDWATER			67.00	72.00
W07M2A	MW-7	09/08/1999	GROUNDWATER			137.00	142.00
W07SSA	MW-7	09/09/1999	GROUNDWATER			0.00	10.00
W08SSA	MW-8	09/07/1999	GROUNDWATER			0.00	10.00
W09SSA	MW-9	09/08/1999	GROUNDWATER			0.00	10.00
W09SSD	MW-9	09/08/1999	GROUNDWATER			0.00	10.00
W10DDA	MW-10	09/15/1999	GROUNDWATER			177.00	187.00
W10MMA	MW-10	09/15/1999	GROUNDWATER			135.00	140.00
W10SSA	MW-10	09/16/1999	GROUNDWATER			0.00	10.00
W11SSA	MW-11	09/13/1999	GROUNDWATER			0.00	10.00
W12SSA	MW-12	09/09/1999	GROUNDWATER			0.00	10.00
W13DDA	MW-13	09/09/1999	GROUNDWATER			140.00	145.00
W13SSA	MW-13	09/08/1999	GROUNDWATER			0.00	10.00
W13SSD	MW-13	09/08/1999	GROUNDWATER			0.00	10.00
W14SSA	MW-14	09/09/1999	GROUNDWATER			0.00	10.00
W15DDA	MW-15	09/10/1999	GROUNDWATER			217.00	227.00
W15SSA	MW-15	09/09/1999	GROUNDWATER			0.00	10.00

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

TABLE 2
SAMPLING PROGRESS
9/1-9/31

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W16DDA	MW-16	09/09/1999	GROUNDWATER			222.00	227.00
W16SSA	MW-16	09/09/1999	GROUNDWATER			0.00	10.00
W17DDA	MW-17	09/02/1999	GROUNDWATER			197.00	207.00
W17M1A	MW-17	09/01/1999	GROUNDWATER			97.00	107.00
W17M2A	MW-17	09/01/1999	GROUNDWATER			67.00	77.00
W17M3A	MW-17	09/01/1999	GROUNDWATER			37.00	47.00
W17SSA	MW-17	09/02/1999	GROUNDWATER			0.00	10.00
W18DDA	MW-18	09/10/1999	GROUNDWATER			223.00	233.00
W18M1A	MW-18	09/09/1999	GROUNDWATER			178.00	183.00
W18M2A	MW-18	09/09/1999	GROUNDWATER			170.00	175.00
W19DDA	MW-19	09/15/1999	GROUNDWATER			251.00	256.00
W19DDL	MW-10	09/15/1999	GROUNDWATER			251.00	256.00
W19SSA	MW-19	09/10/1999	GROUNDWATER			0.00	10.00
W19SSA	MW-19	09/16/1999	GROUNDWATER			0.00	10.00
W19SSD	MW-19	09/16/1999	GROUNDWATER			0.00	10.00
W20SSA	MW-20	09/10/1999	GROUNDWATER			0.00	10.00
W21DDA	MW-21	09/01/1999	GROUNDWATER			130.00	140.00
W21M1A	MW-21	09/01/1999	GROUNDWATER			93.00	103.00
W21M2A	MW-21	09/02/1999	GROUNDWATER			58.00	68.00
W21M3A	MW-21	09/02/1999	GROUNDWATER			28.00	38.00
W21SSA	MW-21	09/02/1999	GROUNDWATER			0.00	10.00
W22SSA	MW-22	09/20/1999	GROUNDWATER			0.00	10.00
W23DDA	MW-23	09/14/1999	GROUNDWATER			146.00	156.00
W23M1A	MW-23	09/13/1999	GROUNDWATER			99.00	109.00
W23M2A	MW-23	09/13/1999	GROUNDWATER			63.00	73.00
W23M3A	MW-23	09/14/1999	GROUNDWATER			153.00	163.00
W23SSA	MW-23	09/14/1999	GROUNDWATER			0.00	10.00
W24SSA	MW-24	09/14/1999	GROUNDWATER			0.00	10.00
W25SSA	MW-25	09/14/1999	GROUNDWATER			0.00	10.00
W26SSA	MW-26	09/17/1999	GROUNDWATER			0.00	10.00
W27SSA	MW-27	09/17/1999	GROUNDWATER			0.00	10.00
W28SSA	MW-28	09/17/1999	GROUNDWATER			0.00	10.00
W29SSA	MW-29	09/17/1999	GROUNDWATER			0.00	10.00
W30SSA	MW-30	09/15/1999	GROUNDWATER			0.00	10.00
W31DDA	MW-31	09/15/1999	GROUNDWATER			49.00	54.00
W31MMA	MW-31	09/15/1999	GROUNDWATER			29.00	39.00
W31SSA	MW-31	09/15/1999	GROUNDWATER			14.00	19.00
W32DDA	MW-32	09/16/1999	GROUNDWATER			85.50	95.50
W32MMA	MW-32	09/16/1999	GROUNDWATER			65.50	75.50
W32SSA	MW-32	09/16/1999	GROUNDWATER			50.50	55.50
W33DDA	MW-33	09/16/1999	GROUNDWATER			85.50	95.50
W33MMA	MW-33	09/16/1999	GROUNDWATER			65.50	75.50
W33SSA	MW-33	09/16/1999	GROUNDWATER			50.50	55.50
W37M1A	MW-37	09/28/1999	GROUNDWATER			64.00	74.00
W37M2A	MW-37	09/29/1999	GROUNDWATER			28.00	38.00
W37M3A	MW-37	09/28/1999	GROUNDWATER			13.00	23.00
W37M3D	MW-37	09/28/1999	GROUNDWATER			13.00	23.00
W40M1A	MW-40	09/21/1999	GROUNDWATER			110.00	120.00
W40M1D	MW-40	09/21/1999	GROUNDWATER			110.00	120.00

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
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TABLE 2
SAMPLING PROGRESS
9/1-9/31

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W40SSA	MW-40	09/21/1999	GROUNDWATER			0.00	10.00
W44M1A	MW-44	09/20/1999	GROUNDWATER			0.00	10.00
W44M2A	MW-44	09/20/1999	GROUNDWATER			15.00	25.00
W44SSA	MW-44	09/21/1999	GROUNDWATER			55.00	65.00
W59M2A	MW-59	09/01/1999	GROUNDWATER			20.00	30.00
W59SSA	MW-59	09/01/1999	GROUNDWATER			0.00	10.00
W60SSA	MW-60	09/17/1999	GROUNDWATER			0.00	10.00
W61SSA	MW-61	09/17/1999	GROUNDWATER			0.00	10.00
W62SSA	MW-62	09/20/1999	GROUNDWATER			98.00	108.00
W63DDA	MW-63	09/22/1999	GROUNDWATER			221.00	226.00
W63M1A	MW-63	09/22/1999	GROUNDWATER			90.00	100.00
W63M2A	MW-63	09/22/1999	GROUNDWATER			60.00	70.00
W63M3A	MW-63	09/21/1999	GROUNDWATER			28.00	38.00
W63SSA	MW-63	09/21/1999	GROUNDWATER			0.00	10.00
W63SSL	MW-63	09/21/1999	GROUNDWATER			98.00	108.00
W72SSA	MW-72	09/02/1999	GROUNDWATER			0.00	10.00
W73SSA	MW-73	09/16/1999	GROUNDWATER			0.00	10.00
W80DDA	MW-80	09/22/1999	GROUNDWATER			112.00	122.00
W80M1A	MW-80	09/22/1999	GROUNDWATER			84.00	94.00
W80M2A	MW-80	09/27/1999	GROUNDWATER			54.00	64.00
W80M3A	MW-80	09/23/1999	GROUNDWATER			24.00	34.00
W80SSA	MW-80	09/23/1999	GROUNDWATER			0.00	10.00
W9506A	W9506A	09/23/1999	GROUNDWATER			93.00	103.00
W9514A	95-14	09/27/1999	GROUNDWATER			90.00	120.00
W9514L	W9514L	09/28/1999	GROUNDWATER			90.00	120.00
W9515A	95-15	09/24/1999	GROUNDWATER			79.00	89.00
W9701A	97-01	09/23/1999	GROUNDWATER			62.00	72.00
W9702A	W9702A	09/24/1999	GROUNDWATER			53.00	63.00
W9703A	W9703A	09/24/1999	GROUNDWATER			36.00	46.00
W9705A	W9705A	09/27/1999	GROUNDWATER			76.00	86.00
WB703A	BB-703	09/30/1999	GROUNDWATER			0.00	0.00
WC11XA	58MW0011E	09/28/1999	GROUNDWATER			25.00	30.00
WC5EXA	58MW0005E	09/28/1999	GROUNDWATER			0.00	10.00
WC7CXA	58MW0007C	09/28/1999	GROUNDWATER			24.00	29.00
WC7EXA	58MW0007E	09/29/1999	GROUNDWATER			8.00	13.00
WC7EXE	FIELDQC	09/29/1999	GROUNDWATER	0.00	0.00		
WC9EXA	58MW0009E	09/28/1999	GROUNDWATER			21.00	26.00
WC9EXD	58MW0009E	09/28/1999	GROUNDWATER			21.00	26.00
WF03XA	90WT0003	09/30/1999	GROUNDWATER			0.00	10.00
WF08XA	90WT0008	09/27/1999	GROUNDWATER			0.00	10.00
WF10XA	90WT0010	09/29/1999	GROUNDWATER			2.00	12.00
WF143A	11MW0003	09/30/1999	GROUNDWATER			0.00	0.00
WF22XA	90MW0022	09/30/1999	GROUNDWATER			80.00	85.00
WF41XA	90MW0041	09/29/1999	GROUNDWATER			125.00	130.00
WF41XD	90MW0041	09/29/1999	GROUNDWATER			125.00	130.00
WG083A	BHW215083	09/29/1999	GROUNDWATER			0.00	0.00
WG111A	SDW263111	09/29/1999	GROUNDWATER			0.00	0.00
WL23XA	LRWS2-3	09/30/1999	GROUNDWATER			68.00	83.00
WL23XD	LRWS2-3	09/30/1999	GROUNDWATER			68.00	83.00

Profiling methods include: Volatiles and Explosives
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TABLE 2
SAMPLING PROGRESS
9/1-9/31

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
WS122A	03MW0122A	09/30/1999	GROUNDWATER			1.00	11.00
WS122D	03MW0122A	09/30/1999	GROUNDWATER			1.00	11.00
BH02	GAC WATER	09/30/1999	IDW	0.00	0.00		
DW6302	GAC WATER	09/02/1999	IDW	0.00	0.00		
DW6307	GAC WATER	09/07/1999	IDW	0.00	0.00		
DW6401	GAC WATER	09/01/1999	IDW	0.00	0.00		
DW6407	GAC WATER	09/07/1999	IDW	0.00	0.00		
DW6422	GAC WATER	09/22/1999	IDW	0.00	0.00		
DW6514	GAC WATER	09/14/1999	IDW	0.00	0.00		
DW6515	GAC WATER	09/15/1999	IDW	0.00	0.00		
DW6516	GAC WATER	09/16/1999	IDW	0.00	0.00		
DW6517	GAC WATER	09/17/1999	IDW	0.00	0.00		
DW6610	GAC WATER	09/10/1999	IDW	0.00	0.00		
DW6822	GAC WATER	09/22/1999	IDW	0.00	0.00		
DW6924	GAC WATER	09/24/1999	IDW	0.00	0.00		
DW8013	GAC WATER	09/13/1999	IDW	0.00	0.00		
DW8014	GAC WATER	09/14/1999	IDW	0.00	0.00		
DW8221	GAC WATER	09/21/1999	IDW	0.00	0.00		
DW8317	GAC WATER	09/17/1999	IDW	0.00	0.00		
GAC11	GAC WATER	09/13/1999	IDW	0.00	0.00		
GAC6530	GAC WATER	09/30/1999	IDW	0.00	0.00		
GAC6627	GAC WATER	09/27/1999	IDW	0.00	0.00		
GAC7128	GAC WATER	09/28/1999	IDW	0.00	0.00		
GAC7130	GAC WATER	09/30/1999	IDW	0.00	0.00		
GAC8430	GAC WATER	09/30/1999	IDW	0.00	0.00		
SC6501	GAC WATER	09/28/1999	IDW	0.00	0.00		
SC6502	GAC WATER	09/28/1999	IDW	0.00	0.00		
SC6601	GAC WATER	09/28/1999	IDW	0.00	0.00		
SC6602	GAC WATER	09/28/1999	IDW	0.00	0.00		
SC8001	GAC WATER	09/28/1999	IDW	0.00	0.00		
SC8002	GAC WATER	09/28/1999	IDW	0.00	0.00		
SC8101	GAC WATER	09/28/1999	IDW	0.00	0.00		
SC8102	GAC WATER	09/28/1999	IDW	0.00	0.00		
SC8201	GAC WATER	09/28/1999	IDW	0.00	0.00		
SC8202	GAC WATER	09/28/1999	IDW	0.00	0.00		
SC8301	GAC WATER	09/28/1999	IDW	0.00	0.00		
SC8302	GAC WATER	09/28/1999	IDW	0.00	0.00		
SC8401	GAC WATER	09/28/1999	IDW	0.00	0.00		
SC8402	GAC WATER	09/28/1999	IDW	0.00	0.00		
G62DIA	MW-62	09/01/1999	PROFILE	210.00	210.00	82.10	82.10
G62DJA	MW-62	09/01/1999	PROFILE	220.00	220.00	92.10	92.10
G64DCA	MW-64	09/01/1999	PROFILE	110.00	115.00	18.24	23.24
G64DDA	MW-64	09/01/1999	PROFILE	120.00	125.00	28.24	33.24
G64DDD	MW-64	09/01/1999	PROFILE	120.00	125.00	28.24	33.24
G64DEA	MW-64	09/01/1999	PROFILE	130.00	135.00	38.24	43.24
G64DFA	MW-64	09/01/1999	PROFILE	140.00	145.00	48.24	53.24
G64DGA	MW-64	09/01/1999	PROFILE	150.00	155.00	58.24	63.24
G64DHA	MW-64	09/01/1999	PROFILE	160.00	165.00	68.24	73.24
G64DIA	MW-64	09/01/1999	PROFILE	170.00	175.00	78.24	83.24

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TABLE 2
SAMPLING PROGRESS
9/1-9/31

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G64DJA	MW-64	09/02/1999	PROFILE	180.00	185.00	88.24	93.24
G64DKA	MW-64	09/02/1999	PROFILE	190.00	195.00	98.24	103.24
G64DLA	MW-64	09/02/1999	PROFILE	200.00	205.00	108.24	113.24
G64DMA	MW-64	09/07/1999	PROFILE	210.00	215.00	118.24	123.24
G64DNA	MW-64	09/07/1999	PROFILE	220.00	225.00	128.24	133.24
G64DOA	MW-64	09/07/1999	PROFILE	230.00	235.00	138.24	143.24
G64DPA	MW-64	09/07/1999	PROFILE	240.00	245.00	148.24	153.24
G65DAA	MW-65	09/14/1999	PROFILE	124.00	129.00	-5.00	0.00
G65DBA	MW-65	09/14/1999	PROFILE	130.00	135.00	1.00	6.00
G65DCA	MW-65	09/14/1999	PROFILE	140.00	145.00	11.00	16.00
G65DDA	MW-65	09/14/1999	PROFILE	150.00	155.00	21.00	26.00
G65DEA	MW-65	09/14/1999	PROFILE	160.00	165.00	31.00	36.00
G65DFA	MW-65	09/15/1999	PROFILE	170.00	175.00	41.00	46.00
G65DFD	MW-65	09/15/1999	PROFILE	170.00	175.00	41.00	46.00
G65DGA	MW-65	09/15/1999	PROFILE	180.00	185.00	51.00	56.00
G65DIA	MW-65	09/15/1999	PROFILE	200.00	205.00	71.00	76.00
G65DJA	MW-65	09/16/1999	PROFILE	210.00	215.00	81.00	86.00
G65DKA	MW-65	09/16/1999	PROFILE	220.00	225.00	91.00	96.00
G65DKD	MW-65	09/16/1999	PROFILE	220.00	225.00	91.00	96.00
G65DLA	MW-65	09/16/1999	PROFILE	230.00	235.00	101.00	106.00
G65DMA	MW-65	09/16/1999	PROFILE	240.00	245.00	111.00	116.00
G65DNA	MW-65	09/16/1999	PROFILE	250.00	255.00	121.00	126.00
G65DOA	MW-65	09/17/1999	PROFILE	260.00	265.00	131.00	136.00
G65DPA	MW-65	09/17/1999	PROFILE	270.00	275.00	141.00	146.00
G66DAA	MW-66	09/07/1999	PROFILE	135.00	135.00	6.00	6.00
G66DBA	MW-66	09/07/1999	PROFILE	145.00	145.00	16.00	16.00
G66DCA	MW-66	09/07/1999	PROFILE	155.00	155.00	26.00	26.00
G66DCD	MW-66	09/07/1999	PROFILE	155.00	155.00	26.00	26.00
G66DDA	MW-66	09/07/1999	PROFILE	165.00	165.00	36.00	36.00
G66DEA	MW-66	09/07/1999	PROFILE	175.00	175.00	46.00	46.00
G66DFA	MW-66	09/08/1999	PROFILE	185.00	185.00	56.00	56.00
G66DGA	MW-66	09/08/1999	PROFILE	195.00	195.00	66.00	66.00
G66DHA	MW-66	09/09/1999	PROFILE	205.00	205.00	76.00	76.00
G66DIA	MW-66	09/09/1999	PROFILE	215.00	215.00	86.00	86.00
G66DJA	MW-66	09/09/1999	PROFILE	225.00	225.00	96.00	96.00
G66DKA	MW-66	09/09/1999	PROFILE	235.00	235.00	106.00	106.00
G66DLA	MW-66	09/09/1999	PROFILE	245.00	245.00	116.00	116.00
G66DMA	MW-66	09/09/1999	PROFILE	255.00	255.00	126.00	126.00
G66DNA	MW-66	09/10/1999	PROFILE	265.00	265.00	136.00	136.00
G66DOA	MW-66	09/10/1999	PROFILE	275.00	275.00	146.00	146.00
G67DAA	MW-67	09/22/1999	PROFILE	168.00	168.00	12.30	12.30
G67DBA	MW-67	09/22/1999	PROFILE	178.00	178.00	22.30	22.30
G67DCA	MW-67	09/22/1999	PROFILE	188.00	188.00	32.30	32.30
G67DDA	MW-67	09/23/1999	PROFILE	198.00	198.00	42.30	42.30
G67DDD	MW-67	09/23/1999	PROFILE	198.00	198.00	42.30	42.30
G67DEA	MW-67	09/23/1999	PROFILE	208.00	208.00	52.30	52.30
G67DFA	MW-67	09/23/1999	PROFILE	218.00	218.00	62.30	62.30
G67DGA	MW-67	09/24/1999	PROFILE	228.00	228.00	72.30	72.30
G67DHA	MW-67	09/24/1999	PROFILE	238.00	238.00	82.30	82.30

Profiling methods include: Volatiles and Explosives
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TABLE 2
SAMPLING PROGRESS
9/1-9/31

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G67DIA	MW-67	09/27/1999	PROFILE	248.00	248.00	92.30	92.30
G67DJA	MW-67	09/27/1999	PROFILE	258.00	258.00	102.30	102.30
G67DKA	MW-67	09/27/1999	PROFILE	268.00	268.00	112.30	112.30
G67DLA	MW-67	09/27/1999	PROFILE	277.00	277.00	121.30	121.30
G67DMA	MW-67	09/27/1999	PROFILE	287.00	287.00	131.30	131.30
G67DNA	MW-67	09/27/1999	PROFILE	297.00	297.00	141.30	141.30
G67DND	MW-67	09/27/1999	PROFILE	297.00	297.00	141.30	141.30
G67DOA	MW-67	09/27/1999	PROFILE	307.00	307.00	151.30	151.30
G68DAA	MW-68	09/07/1999	PROFILE	95.00	95.00	7.20	7.20
G68DBA	MW-68	09/07/1999	PROFILE	105.00	105.00	17.20	17.20
G68DCA	MW-68	09/08/1999	PROFILE	110.00	110.00	22.20	22.20
G68DDA	MW-68	09/08/1999	PROFILE	120.00	120.00	32.20	32.20
G68DEA	MW-68	09/08/1999	PROFILE	130.00	130.00	42.20	42.20
G68DED	MW-68	09/08/1999	PROFILE	130.00	130.00	42.20	42.20
G68DFA	MW-68	09/08/1999	PROFILE	140.00	140.00	52.20	52.20
G68DGA	MW-68	09/08/1999	PROFILE	150.00	150.00	62.20	62.20
G68DHA	MW-68	09/08/1999	PROFILE	160.00	160.00	72.20	72.20
G68DIA	MW-68	09/08/1999	PROFILE	170.00	170.00	82.20	82.20
G68DJA	MW-68	09/08/1999	PROFILE	180.00	180.00	92.20	92.20
G68DKA	MW-68	09/08/1999	PROFILE	190.00	190.00	102.20	102.20
G68DLA	MW-68	09/08/1999	PROFILE	200.00	200.00	112.20	112.20
G68DLD	MW-68	09/08/1999	PROFILE	200.00	200.00	112.20	112.20
G68DMA	MW-68	09/09/1999	PROFILE	210.00	210.00	122.20	122.20
G68DNA	MW-68	09/09/1999	PROFILE	220.00	220.00	132.20	132.20
G68DOA	MW-68	09/09/1999	PROFILE	230.00	230.00	142.20	142.20
G68DPA	MW-68	09/09/1999	PROFILE	240.00	240.00	152.20	152.20
G68DQA	MW-68	09/09/1999	PROFILE	245.00	245.00	157.20	157.20
G69DAA	MW-69	09/17/1999	PROFILE	120.00	120.00	7.00	7.00
G69DBA	MW-69	09/17/1999	PROFILE	130.00	130.00	17.00	17.00
G69DCA	MW-69	09/17/1999	PROFILE	140.00	140.00	27.00	27.00
G69DDA	MW-69	09/17/1999	PROFILE	150.00	150.00	37.00	37.00
G69DEA	MW-69	09/20/1999	PROFILE	160.00	160.00	47.00	47.00
G69DGA	MW-69	09/20/1999	PROFILE	180.00	180.00	67.00	67.00
G69DHA	MW-69	09/20/1999	PROFILE	190.00	190.00	77.00	77.00
G69DIA	MW-69	09/20/1999	PROFILE	200.00	200.00	87.00	87.00
G69DKA	MW-69	09/22/1999	PROFILE	220.00	220.00	107.00	107.00
G69DLA	MW-69	09/22/1999	PROFILE	230.00	230.00	117.00	117.00
G69DMA	MW-69	09/23/1999	PROFILE	240.00	240.00	127.00	127.00
G69DNA	MW-69	09/23/1999	PROFILE	250.00	250.00	137.00	137.00
G69DOA	MW-69	09/23/1999	PROFILE	260.00	260.00	147.00	147.00
G69DPA	MW-69	09/23/1999	PROFILE	270.00	270.00	157.00	157.00
G71DAA	MW-71	09/27/1999	PROFILE	164.00	169.00	4.00	9.00
G71DBA	MW-71	09/27/1999	PROFILE	170.00	175.00	10.00	15.00
G71DCA	MW-71	09/28/1999	PROFILE	180.00	185.00	20.00	25.00
G71DDA	MW-71	09/28/1999	PROFILE	190.00	195.00	30.00	35.00
G71DDD	MW-71	09/28/1999	PROFILE	190.00	195.00	30.00	35.00
G71DEA	MW-71	09/28/1999	PROFILE	200.00	205.00	40.00	45.00
G71DFA	MW-71	09/28/1999	PROFILE	210.00	215.00	50.00	55.00
G71DGA	MW-71	09/28/1999	PROFILE	220.00	225.00	60.00	65.00

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TABLE 2
SAMPLING PROGRESS
9/1-9/31

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G71DHA	MW-71	09/28/1999	PROFILE	230.00	235.00	70.00	75.00
G71DIA	MW-71	09/28/1999	PROFILE	240.00	245.00	80.00	85.00
G71DJA	MW-71	09/29/1999	PROFILE	250.00	255.00	90.00	95.00
G71DJD	MW-71	09/29/1999	PROFILE	250.00	255.00	90.00	95.00
G71DKA	MW-71	09/29/1999	PROFILE	260.00	265.00	100.00	105.00
G71DLA	MW-71	09/29/1999	PROFILE	270.00	285.00	110.00	125.00
G71DMA	MW-71	09/30/1999	PROFILE	280.00	285.00	120.00	125.00
G71DOA	MW-71	09/30/1999	PROFILE	300.00	305.00	140.00	145.00
G71DPA	MW-71	09/30/1999	PROFILE	310.00	315.00	150.00	155.00
HDJRANGEA	HDJRANGEA	09/30/1999	SOIL BORING	0.00	3.00		
HDJRANGEB	HDJRANGEB	09/30/1999	SOIL BORING	0.00	3.00		
HDJRANGEC	HDJRANGEC	09/30/1999	SOIL BORING	0.00	3.00		
HDJRANGED	HDJRANGED	09/30/1999	SOIL BORING	0.00	3.00		
HDJRANGEF	HDJRANGEF	09/30/1999	SOIL BORING	0.00	3.00		
HDJRANGEG	HDJRANGEG	09/30/1999	SOIL BORING	0.00	3.00		
HDJRANGEH	HDJRANGEH	09/30/1999	SOIL BORING	0.00	3.00		
HDJRANGEI	HDJRANGEI	09/30/1999	SOIL BORING	0.00	3.00		

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TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH SEPTEMBER 1999

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-19	W19SSA	03/05/1998	8330N	2,4,6-TRINITROTOLUENE	10.00	J	UG/L	0.00	10.00	2.00	X
MW-19	W19S2A	07/20/1998	8330N	2,4,6-TRINITROTOLUENE	16.00		UG/L	0.00	10.00	2.00	X
MW-19	W19S2D	07/20/1998	8330N	2,4,6-TRINITROTOLUENE	16.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	02/12/1999	8330N	2,4,6-TRINITROTOLUENE	7.20	J	UG/L	0.00	10.00	2.00	X
58MW0002	WC2XXA	02/26/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	19.00		UG/L	0.00	0.00	2.00	X
58MW0002	WC2XXA	01/14/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	20.00		UG/L	25.00	30.00	2.00	X
58MW0009E	WC9EXA	10/02/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	7.70		UG/L	21.00	26.00	2.00	X
58MW0009E	WC9EXA	01/26/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	17.00		UG/L	21.00	26.00	2.00	X
90MW0022	WF22XA	01/26/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	3.80		UG/L	80.00	85.00	2.00	X
90MW0022	WF22XA	02/16/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	5.40		UG/L	80.00	85.00	2.00	X
90WT0013	WF13XA	01/16/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	5.20	J	UG/L	2.00	12.00	2.00	X
MW-1	W01SSA	09/30/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	2.50		UG/L	0.00	10.00	2.00	X
MW-1	W01SSD	09/30/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	2.40		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	02/22/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	2.80		UG/L	0.00	10.00	2.00	X
MW-1	W01MMA	09/29/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	4.60		UG/L	40.00	45.00	2.00	X
MW-1	W01M2A	03/01/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	2.20		UG/L	40.00	45.00	2.00	X
MW-19	W19SSA	03/05/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	190.00		UG/L	0.00	10.00	2.00	X
MW-19	W19S2A	07/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	260.00		UG/L	0.00	10.00	2.00	X
MW-19	W19S2D	07/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	260.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	02/12/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	250.00		UG/L	0.00	10.00	2.00	X
MW-2	W02M2A	01/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	13.00		UG/L	31.00	36.00	2.00	X
MW-2	W02M2A	02/03/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	6.80		UG/L	31.00	36.00	2.00	X
MW-23	W23M1A	11/07/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	2.30	J	UG/L	99.00	109.00	2.00	X
MW-23	W23M1A	03/18/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	4.40		UG/L	99.00	109.00	2.00	X
MW-23	W23M1D	03/18/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	4.70		UG/L	99.00	109.00	2.00	X
MW-25	W25SSA	10/16/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	2.00		UG/L	0.00	10.00	2.00	X
MW-25	W25SSA	03/17/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	4.10		UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	07/15/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	64.00		UG/L	14.00	19.00	2.00	X
MW-31	W31SSA	02/01/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	210.00		UG/L	14.00	19.00	2.00	X
MW-31	W31MMA	07/15/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	280.00		UG/L	29.00	39.00	2.00	X
MW-31	W31MMA	02/02/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	370.00		UG/L	29.00	39.00	2.00	X
MW-34	W34M2A	02/19/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	6.20		UG/L	55.00	65.00	2.00	X
MW-38	W38M3A	05/06/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	2.50		UG/L	53.00	63.00	2.00	X
MW-3	W03DDL	03/06/1998	IM40MB	ANTIMONY	13.80	J	UG/L	218.00	223.00	6.00	X
MW-2	W02SSA	02/23/1998	IM40MB	LEAD	20.10		UG/L	0.00	10.00	15.00	X
MW-13	W13SSA	01/27/1998	IM40MB	MOLYBDENUM	11.20		UG/L	0.00	10.00	10.00	X
MW-13	W13SSL	01/27/1998	IM40MB	MOLYBDENUM	10.40	J	UG/L	0.00	10.00	10.00	X

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MW-13	W13DDA	01/26/1998	IM40MB	MOLYBDENUM	26.60		UG/L	140.00	145.00	10.00	X
MW-13	W13DDL	01/26/1998	IM40MB	MOLYBDENUM	30.40		UG/L	140.00	145.00	10.00	X
MW-13	W13DDA	03/11/1999	IM40MB	MOLYBDENUM	11.00		UG/L	140.00	145.00	10.00	X
MW-13	W13DDD	03/11/1999	IM40MB	MOLYBDENUM	12.10	J	UG/L	140.00	145.00	10.00	X
MW-16	W16SSA	03/10/1999	IM40MB	MOLYBDENUM	21.00	J	UG/L	0.00	10.00	10.00	X
MW-16	W16DDA	03/09/1999	IM40MB	MOLYBDENUM	22.20		UG/L	222.00	227.00	10.00	X
MW-16	W16DDD	03/09/1999	IM40MB	MOLYBDENUM	23.20		UG/L	222.00	227.00	10.00	X
MW-17	W17M1L	05/18/1999	IM40MB	MOLYBDENUM	12.60		UG/L	97.00	107.00	10.00	X
MW-2	W02SSA	02/23/1998	IM40MB	MOLYBDENUM	72.10		UG/L	0.00	10.00	10.00	X
MW-2	W02SSL	02/23/1998	IM40MB	MOLYBDENUM	63.30		UG/L	0.00	10.00	10.00	X
MW-2	W02SSA	02/01/1999	IM40MB	MOLYBDENUM	26.10	J	UG/L	0.00	10.00	10.00	X
MW-2	W02SSL	02/01/1999	IM40MB	MOLYBDENUM	34.00		UG/L	0.00	10.00	10.00	X
MW-2	W02DDA	02/02/1999	IM40MB	MOLYBDENUM	25.60		UG/L	287.00	295.00	10.00	X
MW-2	W02DDL	02/02/1999	IM40MB	MOLYBDENUM	26.30	J	UG/L	287.00	295.00	10.00	X
MW-46	W46M2A	03/30/1999	IM40MB	MOLYBDENUM	48.90		UG/L	55.00	65.00	10.00	X
MW-46	W46M2L	03/30/1999	IM40MB	MOLYBDENUM	51.00		UG/L	55.00	65.00	10.00	X
MW-46	W46M1A	03/29/1999	IM40MB	MOLYBDENUM	32.80		UG/L	102.00	112.00	10.00	X
MW-46	W46DDA	04/01/1999	IM40MB	MOLYBDENUM	17.20		UG/L	135.00	145.00	10.00	X
MW-47	W47M3A	03/29/1999	IM40MB	MOLYBDENUM	43.10		UG/L	21.00	31.00	10.00	X
MW-47	W47M3L	03/29/1999	IM40MB	MOLYBDENUM	40.50		UG/L	21.00	31.00	10.00	X
MW-47	W47M2A	03/26/1999	IM40MB	MOLYBDENUM	11.00		UG/L	38.00	48.00	10.00	X
MW-5	W05DDA	02/13/1998	IM40MB	MOLYBDENUM	28.30		UG/L	220.00	225.00	10.00	X
MW-5	W05DDL	02/13/1998	IM40MB	MOLYBDENUM	26.60		UG/L	220.00	225.00	10.00	X
MW-50	W50M2A	04/26/1999	IM40MB	MOLYBDENUM	20.60		UG/L	59.00	69.00	10.00	X
MW-50	W50M1A	04/27/1999	IM40MB	MOLYBDENUM	11.80		UG/L	90.00	100.00	10.00	X
MW-52	W52M3A	04/07/1999	IM40MB	MOLYBDENUM	72.60		UG/L	26.00	36.00	10.00	X
MW-52	W52M3L	04/07/1999	IM40MB	MOLYBDENUM	67.60		UG/L	26.00	36.00	10.00	X
MW-52	W52M2A	04/29/1999	IM40MB	MOLYBDENUM	15.30		UG/L	74.00	84.00	10.00	X
MW-52	W52M2L	04/29/1999	IM40MB	MOLYBDENUM	18.50		UG/L	74.00	84.00	10.00	X
MW-52	W52DDA	04/02/1999	IM40MB	MOLYBDENUM	51.10		UG/L	219.00	229.00	10.00	X
MW-52	W52DDL	04/02/1999	IM40MB	MOLYBDENUM	48.90		UG/L	219.00	229.00	10.00	X
MW-53	W53SSA	02/17/1999	IM40MB	MOLYBDENUM	24.90		UG/L	0.00	10.00	10.00	X
MW-53	W53SSL	02/17/1999	IM40MB	MOLYBDENUM	27.60		UG/L	0.00	10.00	10.00	X
MW-53	W53M1A	05/03/1999	IM40MB	MOLYBDENUM	122.00		UG/L	100.00	110.00	10.00	X
MW-53	W53M1L	05/03/1999	IM40MB	MOLYBDENUM	132.00		UG/L	100.00	110.00	10.00	X
MW-53	W53DDA	02/18/1999	IM40MB	MOLYBDENUM	15.90		UG/L	157.00	167.00	10.00	X
MW-53	W53DDL	02/18/1999	IM40MB	MOLYBDENUM	17.40		UG/L	157.00	167.00	10.00	X

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MW-54	W54SSA	04/30/1999	IM40MB	MOLYBDENUM	56.70		UG/L	0.00	10.00	10.00	X
MW-54	W54SSL	04/30/1999	IM40MB	MOLYBDENUM	66.20		UG/L	0.00	10.00	10.00	X
MW-54	W54M2A	05/04/1999	IM40MB	MOLYBDENUM	11.20		UG/L	58.00	68.00	10.00	X
MW-54	W54M2L	05/04/1999	IM40MB	MOLYBDENUM	13.10		UG/L	58.00	68.00	10.00	X
MW-54	W54M1A	04/30/1999	IM40MB	MOLYBDENUM	11.80		UG/L	80.00	90.00	10.00	X
MW-54	W54DDA	05/05/1999	IM40MB	MOLYBDENUM	17.50		UG/L	126.00	136.00	10.00	X
MW-55	W55SSA	05/17/1999	IM40MB	MOLYBDENUM	15.90		UG/L	0.00	10.00	10.00	X
MW-55	W55M2A	05/14/1999	IM40MB	MOLYBDENUM	21.80		UG/L	60.00	70.00	10.00	X
MW-55	W55M1A	05/13/1999	IM40MB	MOLYBDENUM	12.50		UG/L	90.00	100.00	10.00	X
MW-55	W55DDA	05/13/1999	IM40MB	MOLYBDENUM	22.60		UG/L	120.00	130.00	10.00	X
15MW0002	15MW0002	04/08/1999	IM40MB	SODIUM	37,600.00		UG/L	0.00	10.00	20,000.00	X
90WT0015	90WT0015	04/23/1999	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	02/23/1998	IM40MB	SODIUM	27,200.00		UG/L	0.00	10.00	20,000.00	X
MW-2	W02SSL	02/23/1998	IM40MB	SODIUM	26,300.00		UG/L	0.00	10.00	20,000.00	X
MW-2	W02SSA	02/01/1999	IM40MB	SODIUM	20,300.00		UG/L	0.00	10.00	20,000.00	X
MW-2	W02SSL	02/01/1999	IM40MB	SODIUM	20,100.00		UG/L	0.00	10.00	20,000.00	X
MW-2	W02DDA	11/19/1997	IM40MB	SODIUM	21,500.00		UG/L	287.00	295.00	20,000.00	X
MW-2	W02DDL	11/19/1997	IM40MB	SODIUM	22,600.00		UG/L	287.00	295.00	20,000.00	X
MW-21	W21SSA	10/24/1997	IM40MB	SODIUM	24,000.00		UG/L	0.00	10.00	20,000.00	X
MW-21	W21SSL	10/24/1997	IM40MB	SODIUM	24,200.00		UG/L	0.00	10.00	20,000.00	X
MW-46	W46M2A	03/30/1999	IM40MB	SODIUM	23,300.00		UG/L	55.00	65.00	20,000.00	X
MW-46	W46M2L	03/30/1999	IM40MB	SODIUM	24,400.00		UG/L	55.00	65.00	20,000.00	X
SDW261160	WG160L	01/07/1998	IM40MB	SODIUM	20,600.00		UG/L	0.00	0.00	20,000.00	X
SDW261160	WG160A	01/13/1999	IM40MB	SODIUM	27,200.00		UG/L	0.00	0.00	20,000.00	X
SDW261160	WG160L	01/13/1999	IM40MB	SODIUM	28,200.00		UG/L	0.00	0.00	20,000.00	X
03MW0006	03MW0006	04/15/1999	IM40MB	THALLIUM	2.60	J	UG/L	0.00	10.00	2.00	X
03MW0022A	03MW0022A	04/16/1999	IM40MB	THALLIUM	3.90		UG/L	71.00	76.00	2.00	X
03MW0027A	03MW0027A	04/14/1999	IM40MB	THALLIUM	2.00	J	UG/L	64.00	69.00	2.00	X
11MW0004	11MW0004	04/16/1999	IM40MB	THALLIUM	2.30	J	UG/L	0.00	10.00	2.00	X
27MW0020Z	27MW0020Z	04/16/1999	IM40MB	THALLIUM	2.70	J	UG/L	98.00	103.00	2.00	X
90MW0038	90MW0038	04/21/1999	IM40MB	THALLIUM	4.40	J	UG/L	29.00	34.00	2.00	X
90WT0010	WF10XA	01/16/1998	IM40MB	THALLIUM	6.50	J	UG/L	2.00	12.00	2.00	X
LRWS1-4	WL14XA	01/07/1999	IM40MB	THALLIUM	5.20	J	UG/L	107.00	117.00	2.00	X
MW-18	W18SSA	03/12/1999	IM40MB	THALLIUM	2.30	J	UG/L	0.00	10.00	2.00	X
MW-19	W19DDL	02/11/1999	IM40MB	THALLIUM	3.10	J	UG/L	251.00	256.00	2.00	X

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MW-21	W21SSA	10/24/1997	IM40MB	THALLIUM	6.90	J	UG/L	0.00	10.00	2.00	X
MW-38	W38M2A	05/11/1999	IM40MB	THALLIUM	4.90	J	UG/L	70.00	80.00	2.00	X
MW-41	W41M2A	04/02/1999	IM40MB	THALLIUM	2.50	J	UG/L	69.00	79.00	2.00	X
MW-45	W45SSA	05/26/1999	IM40MB	THALLIUM	3.00	J	UG/L	0.00	10.00	2.00	X
MW-47	W47M2A	03/26/1999	IM40MB	THALLIUM	3.20	J	UG/L	38.00	48.00	2.00	X
MW-52	W52M3L	04/07/1999	IM40MB	THALLIUM	3.60	J	UG/L	26.00	36.00	2.00	X
MW-52	W52DDA	04/02/1999	IM40MB	THALLIUM	2.80	J	UG/L	219.00	229.00	2.00	X
MW-52	W52DDL	04/02/1999	IM40MB	THALLIUM	2.60	J	UG/L	219.00	229.00	2.00	X
MW-7	W07MMA	02/23/1999	IM40MB	THALLIUM	4.10	J	UG/L	67.00	72.00	2.00	X
MW-7	W07M2L	02/05/1998	IM40MB	THALLIUM	6.60	J	UG/L	137.00	142.00	2.00	X
MW-7	W07M2A	02/24/1999	IM40MB	THALLIUM	4.40	J	UG/L	137.00	142.00	2.00	X
MW-72	W72SSA	05/27/1999	IM40MB	THALLIUM	4.00		UG/L	0.00	10.00	2.00	X
PPAWSMW-1	PPAWSMW-1	06/22/1999	IM40MB	THALLIUM	3.10	J	UG/L	10.00	20.00	2.00	X
SMR-2	WSMR2A	03/25/1999	IM40MB	THALLIUM	2.00	J	UG/L	0.00	10.00	2.00	X
95-15	W9515A	10/17/1997	IM40MB	ZINC	7,210.00		UG/L	80.00	92.00	2,000.00	X
95-15	W9515L	10/17/1997	IM40MB	ZINC	4,620.00		UG/L	80.00	92.00	2,000.00	X
LRWS3-1	WL31XA	10/21/1997	IM40MB	ZINC	2,480.00		UG/L	102.00	117.00	2,000.00	X
LRWS3-1	WL31XL	10/21/1997	IM40MB	ZINC	2,410.00		UG/L	102.00	117.00	2,000.00	X
LRWS4-1	WL41XA	11/24/1997	IM40MB	ZINC	3,220.00		UG/L	66.00	91.00	2,000.00	X
LRWS4-1	WL41XL	11/24/1997	IM40MB	ZINC	3,060.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51DL	11/25/1997	IM40MB	ZINC	4,410.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XA	11/25/1997	IM40MB	ZINC	4,510.00		UG/L	187.00	202.00	2,000.00	X
LRWS5-1	WL51XD	11/25/1997	IM40MB	ZINC	4,390.00		UG/L	187.00	202.00	2,000.00	X
LRWS5-1	WL51XL	11/25/1997	IM40MB	ZINC	3,900.00		UG/L	187.00	202.00	2,000.00	X
LRWS5-1	WL51XA	01/25/1999	IM40MB	ZINC	3,980.00		UG/L	187.00	202.00	2,000.00	X
LRWS5-1	WL51XL	01/25/1999	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	01/28/1999	IM40MB	ZINC	2,240.00		UG/L	184.00	199.00	2,000.00	X
LRWS6-1	WL61XL	01/28/1999	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	01/22/1999	IM40MB	ZINC	4,160.00		UG/L	186.00	201.00	2,000.00	X
LRWS7-1	WL71XL	01/22/1999	IM40MB	ZINC	4,100.00		UG/L	186.00	201.00	2,000.00	X
11MW0003	WF143A	02/25/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	9.00		UG/L	0.00	0.00	6.00	X
15MW0004	15MW0004	04/09/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	6.00		UG/L	0.00	10.00	6.00	X
15MW0008	15MW0008D	04/12/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	25.00	J	UG/L	0.00	0.00	6.00	X

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28MW0106	WL28XA	02/19/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	18.00	J	UG/L	0.00	10.00	6.00	X
28MW0106	WL28XA	03/23/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	26.00		UG/L	0.00	10.00	6.00	X
58MW0002	WC2XXA	02/26/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	36.00		UG/L	0.00	0.00	6.00	X
58MW0006E	WC6EXA	10/03/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	59.00		UG/L	0.00	10.00	6.00	X
58MW0006E	WC6EXD	10/03/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	57.00		UG/L	0.00	10.00	6.00	X
58MW0006E	WC6EXA	01/29/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	6.00		UG/L	0.00	10.00	6.00	X
90WT0005	WF05XA	01/13/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	47.00		UG/L	0.00	10.00	6.00	X
90WT0013	WF13XA	01/16/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	34.00		UG/L	2.00	12.00	6.00	X
90WT0013	WF13XA	01/14/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	16.00		UG/L	2.00	12.00	6.00	X
97-1	W9701A	11/19/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	54.00	J	UG/L	62.00	72.00	6.00	X
97-1	W9701D	11/19/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	28.00	J	UG/L	62.00	72.00	6.00	X
97-2	W9702A	11/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	7.00		UG/L	53.00	63.00	6.00	X
97-3	W9703A	11/21/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	73.00	J	UG/L	36.00	46.00	6.00	X
97-5	W9705A	11/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	15.00		UG/L	76.00	86.00	6.00	X
BHW215083	WG083A	11/26/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	13.00		UG/L	0.00	0.00	6.00	X
LRWS2-3	WL23XA	11/21/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	20.00	J	UG/L	68.00	83.00	6.00	X
LRWS2-6	WL26XA	10/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	21.00		UG/L	75.00	90.00	6.00	X
LRWS4-1	WL41XA	11/24/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	100.00		UG/L	66.00	91.00	6.00	X
LRWS5-1	WL51XA	11/25/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	7.00		UG/L	187.00	202.00	6.00	X
MW-11	W11SSA	11/06/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	33.00	J	UG/L	0.00	10.00	6.00	X
MW-11	W11SSD	11/06/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	23.00	J	UG/L	0.00	10.00	6.00	X
MW-12	W12SSA	11/06/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	28.00		UG/L	0.00	10.00	6.00	X
MW-14	W14SSA	11/04/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	14.00		UG/L	0.00	10.00	6.00	X
MW-16	W16SSA	11/17/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	28.00		UG/L	0.00	10.00	6.00	X
MW-16	W16DDA	11/17/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	43.00		UG/L	108.00	113.00	6.00	X
MW-17	W17SSD	11/10/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	120.00	J	UG/L	0.00	10.00	6.00	X
MW-17	W17DDA	11/11/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	42.00		UG/L	197.00	207.00	6.00	X
MW-18	W18SSA	10/10/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	36.00		UG/L	0.00	10.00	6.00	X
MW-19	W19DDA	03/04/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	7.00		UG/L	251.00	256.00	6.00	X
MW-2	W02M2A	01/20/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	24.00		UG/L	31.00	36.00	6.00	X
MW-2	W02M1A	01/21/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	10.00	J	UG/L	73.00	78.00	6.00	X
MW-2	W02DDA	02/02/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	9.00		UG/L	287.00	295.00	6.00	X
MW-20	W20SSA	11/07/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	280.00		UG/L	0.00	10.00	6.00	X
MW-21	W21M2A	04/01/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	8.00		UG/L	58.00	68.00	6.00	X
MW-22	W22SSA	11/24/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	96.00		UG/L	0.00	10.00	6.00	X
MW-23	W23SSA	10/27/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	24.00		UG/L	0.00	10.00	6.00	X
MW-23	W23M3A	11/13/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	10.00		UG/L	153.00	163.00	6.00	X

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

VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH SEPTEMBER 1999

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-23	W23M3D	11/13/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	13.00		UG/L	153.00	163.00	6.00	X
MW-24	W24SSA	11/14/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	8.00		UG/L	0.00	10.00	6.00	X
MW-28	W28SSA	11/03/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	11.00		UG/L	0.00	10.00	6.00	X
MW-29	W29SSA	11/03/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	16.00		UG/L	0.00	10.00	6.00	X
MW-38	W38M3A	05/06/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	15.00		UG/L	53.00	63.00	6.00	X
MW-4	W04SSA	11/04/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	30.00		UG/L	0.00	10.00	6.00	X
MW-43	W43M1A	05/26/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	6.00		UG/L	93.00	103.00	6.00	X
MW-45	W45M1A	05/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	37.00		UG/L	98.00	108.00	6.00	X
MW-5	W05DDA	02/13/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	9.00	J	UG/L	220.00	225.00	6.00	X
MW-53	W53DDA	02/18/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	18.00		UG/L	157.00	167.00	6.00	X
MW-55	W55DDA	05/13/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	8.00		UG/L	120.00	130.00	6.00	X
MW-7	W07SSA	10/31/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	10.00		UG/L	0.00	10.00	6.00	X
RW-1	WRW1XA	02/18/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	59.00		UG/L	0.00	9.00	6.00	X
MW-45	W45SSA	05/26/1999	OC21B	NAPHTHALENE	24.00		UG/L	0.00	10.00	20.00	X
03MW0007A	03MW0007A	04/13/1999	OC21V	TETRACHLOROETHYLENE(PCE)	6.00		UG/L	21.00	26.00	5.00	X
03MW0014A	03MW0014A	04/13/1999	OC21V	TETRACHLOROETHYLENE(PCE)	8.00		UG/L	38.00	43.00	5.00	X
03MW0020	03MW0020	04/14/1999	OC21V	TETRACHLOROETHYLENE(PCE)	12.00		UG/L	36.00	41.00	5.00	X
27MW0017B	27MW0017B	04/30/1999	OC21V	VINYL CHLORIDE	2.00		UG/L	21.00	26.00	2.00	X
PPAWSMW-1	PPAWSMW-1	06/22/1999	OL21P	DIELDRIN	3.00		UG/L	10.00	20.00	0.50	X

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G64DME	FIELDQC	09/07/1999	FIELDQC	0.00	0.00			8330N	NITROGLYCERIN	NO
G66DAE	FIELDQC	09/07/1999	FIELDQC	0.00	0.00			8330N	NITROGLYCERIN	NO
G67DIE	FIELDQC	09/27/1999	FIELDQC	0.00	0.00			OC21V	ACETONE	
G67DIE	FIELDQC	09/27/1999	FIELDQC	0.00	0.00			OC21V	METHYL ETHYL KETONE (2-BUTA	
G71DCE	FIELDQC	09/28/1999	FIELDQC	0.00	0.00			8330N	NITROGLYCERIN	NO
G81DSE	FIELDQC	08/16/1999	FIELDQC	0.00	0.00			OC21V	ACETONE	
G81DSE	FIELDQC	08/16/1999	FIELDQC	0.00	0.00			OC21V	METHYL ETHYL KETONE (2-BUTA	
G82DLE	FIELDQC	08/23/1999	FIELDQC	0.00	0.00			OC21V	ACETONE	
G82DLE	FIELDQC	08/23/1999	FIELDQC	0.00	0.00			OC21V	METHYL ETHYL KETONE (2-BUTA	
G83DAE	FIELDQC	08/18/1999	FIELDQC	0.00	0.00			OC21V	ACETONE	
G83DAE	FIELDQC	08/18/1999	FIELDQC	0.00	0.00			OC21V	METHYL ETHYL KETONE (2-BUTA	
G84DME	FIELDQC	08/27/1999	FIELDQC	0.00	0.00			8330N	NITROGLYCERIN	NO
G84DME	FIELDQC	08/27/1999	FIELDQC	0.00	0.00			OC21V	ACETONE	
G84DME	FIELDQC	08/27/1999	FIELDQC	0.00	0.00			OC21V	METHYL ETHYL KETONE (2-BUTA	
W01M2A	MW-1	09/07/1999	GROUNDWATER			40.00	45.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W01SSA	MW-1	09/07/1999	GROUNDWATER			0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W01SSA	MW-1	09/07/1999	GROUNDWATER			0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W02M2A	MW-2	09/03/1999	GROUNDWATER			31.00	36.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W19SSA	MW-19	09/10/1999	GROUNDWATER			0.00	10.00	8330N	2,4,6-TRINITROTOLUENE	YES
W19SSA	MW-19	09/10/1999	GROUNDWATER			0.00	10.00	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W19SSA	MW-19	09/10/1999	GROUNDWATER			0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W19SSA	MW-19	09/10/1999	GROUNDWATER			0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W19SSA	MW-19	09/10/1999	GROUNDWATER			0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W23M1A	MW-23	09/13/1999	GROUNDWATER			99.00	109.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W25SSA	MW-25	09/14/1999	GROUNDWATER			0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W30SSA	MW-30	09/15/1999	GROUNDWATER			0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W31MMA	MW-31	09/15/1999	GROUNDWATER			29.00	39.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W31MMA	MW-31	09/15/1999	GROUNDWATER			29.00	39.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W31MMA	MW-31	09/15/1999	GROUNDWATER			29.00	39.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W31SSA	MW-31	09/15/1999	GROUNDWATER			14.00	19.00	8330N	2,4,6-TRINITROTOLUENE	YES
W31SSA	MW-31	09/15/1999	GROUNDWATER			14.00	19.00	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W31SSA	MW-31	09/15/1999	GROUNDWATER			14.00	19.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.
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DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W31SSA	MW-31	09/15/1999	GROUNDWATER			14.00	19.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W31SSA	MW-31	09/15/1999	GROUNDWATER			14.00	19.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W34M1A	MW-34	08/16/1999	GROUNDWATER			75.00	85.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W34M2A	MW-34	08/16/1999	GROUNDWATER			55.00	65.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W38M3A	MW-38	08/18/1999	GROUNDWATER			53.00	63.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W38M4A	MW-38	08/18/1999	GROUNDWATER			15.00	25.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W39M2A	MW-39	08/18/1999	GROUNDWATER			42.00	52.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W43M2A	MW-43	08/23/1999	GROUNDWATER			70.00	80.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W45SSA	MW-45	08/23/1999	GROUNDWATER			0.00	10.00	8330N	3-NITROTOLUENE	NO
W45SSA	MW-45	08/23/1999	GROUNDWATER			0.00	10.00	8330N	4-NITROTOLUENE	NO
W45SSA	MW-45	08/23/1999	GROUNDWATER			0.00	10.00	8330N	NITROGLYCERIN	NO
W45SSA	MW-45	08/23/1999	GROUNDWATER			0.00	10.00	8330N	PENTAERYTHRITOL TETRANITR/	NO
W45SSA	MW-45	08/23/1999	GROUNDWATER			0.00	10.00	8330N	PICRIC ACID	NO
W50M1A	MW-50	08/24/1999	GROUNDWATER			90.00	100.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W53DDA	MW-53	08/30/1999	GROUNDWATER			157.00	167.00	8330N	NITROGLYCERIN	NO
W59SSA	MW-59	09/01/1999	GROUNDWATER			0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W59SSA	MW-59	09/01/1999	GROUNDWATER			0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W73SSA	MW-73	09/16/1999	GROUNDWATER			0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W73SSA	MW-73	09/16/1999	GROUNDWATER			0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W73SSA	MW-73	09/16/1999	GROUNDWATER			0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
DW6307	GAC WATER	09/07/1999	IDW	0.00	0.00			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G62DAA	MW-62	08/30/1999	PROFILE	135.00	135.00	7.10	7.10	8330N	2-NITROTOLUENE	NO
G62DAA	MW-62	08/30/1999	PROFILE	135.00	135.00	7.10	7.10	8330N	3-NITROTOLUENE	NO
G62DAA	MW-62	08/30/1999	PROFILE	135.00	135.00	7.10	7.10	8330N	4-NITROTOLUENE	NO
G62DAA	MW-62	08/30/1999	PROFILE	135.00	135.00	7.10	7.10	8330N	NITROGLYCERIN	NO
G62DAA	MW-62	08/30/1999	PROFILE	135.00	135.00	7.10	7.10	8330N	PICRIC ACID	NO
G62DBA	MW-62	08/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	2,6-DINITROTOLUENE	NO
G62DBA	MW-62	08/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	2-NITROTOLUENE	NO
G62DBA	MW-62	08/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	3-NITROTOLUENE	NO
G62DBA	MW-62	08/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	4-NITROTOLUENE	NO
G62DBA	MW-62	08/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	NITROGLYCERIN	NO
G62DBA	MW-62	08/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	PENTAERYTHRITOL TETRANITR/	NO

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SAMPLES COLLECTED 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G62DBA	MW-62	08/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	PICRIC ACID	NO
G62DBD	MW-62	08/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	2,6-DINITROTOLUENE	NO
G62DBD	MW-62	08/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	2-NITROTOLUENE	NO
G62DBD	MW-62	08/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	3-NITROTOLUENE	NO
G62DBD	MW-62	08/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	4-NITROTOLUENE	NO
G62DBD	MW-62	08/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	NITROGLYCERIN	NO
G62DBD	MW-62	08/30/1999	PROFILE	140.00	140.00	12.10	12.10	8330N	PICRIC ACID	NO
G62DCA	MW-62	08/31/1999	PROFILE	150.00	150.00	22.10	22.10	8330N	1,3,5-TRINITROBENZENE	NO
G62DCA	MW-62	08/31/1999	PROFILE	150.00	150.00	22.10	22.10	8330N	1,3-DINITROBENZENE	NO
G62DCA	MW-62	08/31/1999	PROFILE	150.00	150.00	22.10	22.10	8330N	2-NITROTOLUENE	NO
G62DCA	MW-62	08/31/1999	PROFILE	150.00	150.00	22.10	22.10	8330N	3-NITROTOLUENE	NO
G62DCA	MW-62	08/31/1999	PROFILE	150.00	150.00	22.10	22.10	8330N	4-NITROTOLUENE	NO
G62DCA	MW-62	08/31/1999	PROFILE	150.00	150.00	22.10	22.10	8330N	NITROGLYCERIN	NO
G62DCA	MW-62	08/31/1999	PROFILE	150.00	150.00	22.10	22.10	8330N	PICRIC ACID	NO
G62DDA	MW-62	08/31/1999	PROFILE	160.00	160.00	32.10	32.10	8330N	2-NITROTOLUENE	NO
G62DDA	MW-62	08/31/1999	PROFILE	160.00	160.00	32.10	32.10	8330N	3-NITROTOLUENE	NO
G62DDA	MW-62	08/31/1999	PROFILE	160.00	160.00	32.10	32.10	8330N	4-NITROTOLUENE	NO
G62DDA	MW-62	08/31/1999	PROFILE	160.00	160.00	32.10	32.10	8330N	NITROGLYCERIN	NO
G62DDA	MW-62	08/31/1999	PROFILE	160.00	160.00	32.10	32.10	8330N	PICRIC ACID	NO
G62DEA	MW-62	08/31/1999	PROFILE	170.00	170.00	42.10	42.10	8330N	NITROGLYCERIN	NO
G62DEA	MW-62	08/31/1999	PROFILE	170.00	170.00	42.10	42.10	8330N	PICRIC ACID	NO
G62DFA	MW-62	08/31/1999	PROFILE	180.00	180.00	52.10	52.10	8330N	2-NITROTOLUENE	NO
G62DFA	MW-62	08/31/1999	PROFILE	180.00	180.00	52.10	52.10	8330N	3-NITROTOLUENE	NO
G62DFA	MW-62	08/31/1999	PROFILE	180.00	180.00	52.10	52.10	8330N	4-NITROTOLUENE	NO
G62DFA	MW-62	08/31/1999	PROFILE	180.00	180.00	52.10	52.10	8330N	NITROGLYCERIN	NO
G62DFA	MW-62	08/31/1999	PROFILE	180.00	180.00	52.10	52.10	8330N	PICRIC ACID	NO
G62DGA	MW-62	08/31/1999	PROFILE	190.00	190.00	62.10	62.10	8330N	2-NITROTOLUENE	NO
G62DGA	MW-62	08/31/1999	PROFILE	190.00	190.00	62.10	62.10	8330N	3-NITROTOLUENE	NO
G62DGA	MW-62	08/31/1999	PROFILE	190.00	190.00	62.10	62.10	8330N	PENTAERYTHRITOL TETRANITR/	NO
G62DGA	MW-62	08/31/1999	PROFILE	190.00	190.00	62.10	62.10	8330N	PICRIC ACID	NO
G62DIA	MW-62	09/01/1999	PROFILE	210.00	210.00	82.10	82.10	8330N	PICRIC ACID	NO
G62DJA	MW-62	09/01/1999	PROFILE	220.00	220.00	92.10	92.10	8330N	NITROGLYCERIN	NO

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BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET
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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G64DAA	MW-64	08/31/1999	PROFILE	92.00	95.00	0.24	3.24	8330N	3-NITROTOLUENE	NO
G64DAA	MW-64	08/31/1999	PROFILE	92.00	95.00	0.24	3.24	8330N	NITROGLYCERIN	NO
G64DAA	MW-64	08/31/1999	PROFILE	92.00	95.00	0.24	3.24	8330N	PICRIC ACID	NO
G64DAA	MW-64	08/31/1999	PROFILE	92.00	95.00	0.24	3.24	OC21V	ACETONE	
G64DBA	MW-64	08/31/1999	PROFILE	100.00	105.00	8.24	13.24	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G64DBA	MW-64	08/31/1999	PROFILE	100.00	105.00	8.24	13.24	8330N	NITROGLYCERIN	NO
G64DBA	MW-64	08/31/1999	PROFILE	100.00	105.00	8.24	13.24	8330N	PICRIC ACID	NO
G64DBA	MW-64	08/31/1999	PROFILE	100.00	105.00	8.24	13.24	OC21V	ACETONE	
G64DDA	MW-64	09/01/1999	PROFILE	120.00	125.00	28.24	33.24	OC21V	CHLOROFORM	
G64DEA	MW-64	09/01/1999	PROFILE	130.00	135.00	38.24	43.24	OC21V	CHLOROFORM	
G64DFA	MW-64	09/01/1999	PROFILE	140.00	145.00	48.24	53.24	OC21V	CHLOROFORM	
G64DGA	MW-64	09/01/1999	PROFILE	150.00	155.00	58.24	63.24	OC21V	CHLOROFORM	
G64DHA	MW-64	09/01/1999	PROFILE	160.00	165.00	68.24	73.24	OC21V	CHLOROFORM	
G64DIA	MW-64	09/01/1999	PROFILE	170.00	175.00	78.24	83.24	OC21V	CHLOROFORM	
G64DJA	MW-64	09/02/1999	PROFILE	180.00	185.00	88.24	93.24	OC21V	CHLOROFORM	
G64DJA	MW-64	09/02/1999	PROFILE	180.00	185.00	88.24	93.24	OC21V	METHYL ETHYL KETONE (2-BUTA	
G64DKA	MW-64	09/02/1999	PROFILE	190.00	195.00	98.24	103.24	OC21V	ACETONE	
G64DKA	MW-64	09/02/1999	PROFILE	190.00	195.00	98.24	103.24	OC21V	CHLOROFORM	
G64DLA	MW-64	09/02/1999	PROFILE	200.00	205.00	108.24	113.24	OC21V	ACETONE	
G64DLA	MW-64	09/02/1999	PROFILE	200.00	205.00	108.24	113.24	OC21V	CHLOROFORM	
G64DMA	MW-64	09/07/1999	PROFILE	210.00	215.00	118.24	123.24	OC21V	CHLOROFORM	
G64DNA	MW-64	09/07/1999	PROFILE	220.00	225.00	128.24	133.24	OC21V	CHLOROFORM	
G65DAA	MW-65	09/14/1999	PROFILE	124.00	129.00	-5.00	0.00	8330N	2,6-DINITROTOLUENE	YES
G65DAA	MW-65	09/14/1999	PROFILE	124.00	129.00	-5.00	0.00	8330N	3-NITROTOLUENE	NO
G65DAA	MW-65	09/14/1999	PROFILE	124.00	129.00	-5.00	0.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G65DAA	MW-65	09/14/1999	PROFILE	124.00	129.00	-5.00	0.00	8330N	NITROGLYCERIN	NO
G65DAA	MW-65	09/14/1999	PROFILE	124.00	129.00	-5.00	0.00	8330N	PICRIC ACID	NO
G65DAA	MW-65	09/14/1999	PROFILE	124.00	129.00	-5.00	0.00	OC21V	ACETONE	
G65DAA	MW-65	09/14/1999	PROFILE	124.00	129.00	-5.00	0.00	OC21V	CHLOROFORM	
G65DAA	MW-65	09/14/1999	PROFILE	124.00	129.00	-5.00	0.00	OC21V	TOLUENE	
G65DBA	MW-65	09/14/1999	PROFILE	130.00	135.00	1.00	6.00	8330N	2,6-DINITROTOLUENE	YES
G65DBA	MW-65	09/14/1999	PROFILE	130.00	135.00	1.00	6.00	8330N	3-NITROTOLUENE	NO

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G65DBA	MW-65	09/14/1999	PROFILE	130.00	135.00	1.00	6.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G65DBA	MW-65	09/14/1999	PROFILE	130.00	135.00	1.00	6.00	8330N	NITROGLYCERIN	NO
G65DBA	MW-65	09/14/1999	PROFILE	130.00	135.00	1.00	6.00	OC21V	ACETONE	
G65DBA	MW-65	09/14/1999	PROFILE	130.00	135.00	1.00	6.00	OC21V	CHLOROFORM	
G65DCA	MW-65	09/14/1999	PROFILE	140.00	145.00	11.00	16.00	OC21V	CHLOROFORM	
G65DDA	MW-65	09/14/1999	PROFILE	150.00	155.00	21.00	26.00	OC21V	CHLOROFORM	
G65DEA	MW-65	09/14/1999	PROFILE	160.00	165.00	31.00	36.00	OC21V	CHLOROFORM	
G65DFA	MW-65	09/15/1999	PROFILE	170.00	175.00	41.00	46.00	OC21V	CHLOROFORM	
G65DGA	MW-65	09/15/1999	PROFILE	180.00	185.00	51.00	56.00	OC21V	ACETONE	
G65DGA	MW-65	09/15/1999	PROFILE	180.00	185.00	51.00	56.00	OC21V	CHLOROFORM	
G65DIA	MW-65	09/15/1999	PROFILE	200.00	205.00	71.00	76.00	OC21V	ACETONE	
G65DIA	MW-65	09/15/1999	PROFILE	200.00	205.00	71.00	76.00	OC21V	CHLOROFORM	
G65DJA	MW-65	09/16/1999	PROFILE	210.00	215.00	81.00	86.00	OC21V	CHLOROFORM	
G65DKA	MW-65	09/16/1999	PROFILE	220.00	225.00	91.00	96.00	OC21V	ACETONE	
G65DKA	MW-65	09/16/1999	PROFILE	220.00	225.00	91.00	96.00	OC21V	CHLOROFORM	
G65DLA	MW-65	09/16/1999	PROFILE	230.00	235.00	101.00	106.00	OC21V	CHLOROFORM	
G65DMA	MW-65	09/16/1999	PROFILE	240.00	245.00	111.00	116.00	OC21V	CHLOROFORM	
G65DNA	MW-65	09/16/1999	PROFILE	250.00	255.00	121.00	126.00	OC21V	CHLOROFORM	
G65DOA	MW-65	09/17/1999	PROFILE	260.00	265.00	131.00	136.00	OC21V	ACETONE	
G65DOA	MW-65	09/17/1999	PROFILE	260.00	265.00	131.00	136.00	OC21V	CHLOROFORM	
G65DOA	MW-65	09/17/1999	PROFILE	260.00	265.00	131.00	136.00	OC21V	TOLUENE	
G65DPA	MW-65	09/17/1999	PROFILE	270.00	275.00	141.00	146.00	OC21V	CHLOROFORM	
G66DAA	MW-66	09/07/1999	PROFILE	135.00	135.00	6.00	6.00	8330N	2,6-DINITROTOLUENE	YES
G66DAA	MW-66	09/07/1999	PROFILE	135.00	135.00	6.00	6.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G66DAA	MW-66	09/07/1999	PROFILE	135.00	135.00	6.00	6.00	8330N	3-NITROTOLUENE	NO
G66DAA	MW-66	09/07/1999	PROFILE	135.00	135.00	6.00	6.00	8330N	4-NITROTOLUENE	NO
G66DAA	MW-66	09/07/1999	PROFILE	135.00	135.00	6.00	6.00	8330N	NITROGLYCERIN	NO
G66DAA	MW-66	09/07/1999	PROFILE	135.00	135.00	6.00	6.00	8330N	PICRIC ACID	NO
G66DAA	MW-66	09/07/1999	PROFILE	135.00	135.00	6.00	6.00	OC21V	ACETONE	
G66DAA	MW-66	09/07/1999	PROFILE	135.00	135.00	6.00	6.00	OC21V	CHLOROFORM	
G66DAA	MW-66	09/07/1999	PROFILE	135.00	135.00	6.00	6.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G66DBA	MW-66	09/07/1999	PROFILE	145.00	145.00	16.00	16.00	8330N	2,6-DINITROTOLUENE	YES

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PDA/NO = Photo Diode Array, Detect Not Confirmed

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G66DBA	MW-66	09/07/1999	PROFILE	145.00	145.00	16.00	16.00	8330N	3-NITROTOLUENE	NO
G66DBA	MW-66	09/07/1999	PROFILE	145.00	145.00	16.00	16.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G66DBA	MW-66	09/07/1999	PROFILE	145.00	145.00	16.00	16.00	8330N	4-NITROTOLUENE	NO
G66DBA	MW-66	09/07/1999	PROFILE	145.00	145.00	16.00	16.00	8330N	NITROGLYCERIN	NO
G66DBA	MW-66	09/07/1999	PROFILE	145.00	145.00	16.00	16.00	8330N	PICRIC ACID	NO
G66DBA	MW-66	09/07/1999	PROFILE	145.00	145.00	16.00	16.00	OC21V	ACETONE	
G66DBA	MW-66	09/07/1999	PROFILE	145.00	145.00	16.00	16.00	OC21V	CHLOROFORM	
G66DBA	MW-66	09/07/1999	PROFILE	145.00	145.00	16.00	16.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G66DCA	MW-66	09/07/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	2,6-DINITROTOLUENE	YES
G66DCA	MW-66	09/07/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	3-NITROTOLUENE	NO
G66DCA	MW-66	09/07/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	4-NITROTOLUENE	NO
G66DCA	MW-66	09/07/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	NITROGLYCERIN	NO
G66DCA	MW-66	09/07/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	PENTAERYTHRITOL TETRANITRA	NO
G66DCA	MW-66	09/07/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	PICRIC ACID	NO
G66DCA	MW-66	09/07/1999	PROFILE	155.00	155.00	26.00	26.00	OC21V	ACETONE	
G66DCD	MW-66	09/07/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	3-NITROTOLUENE	NO
G66DCD	MW-66	09/07/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	NITROGLYCERIN	NO
G66DCD	MW-66	09/07/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	PENTAERYTHRITOL TETRANITRA	NO
G66DCD	MW-66	09/07/1999	PROFILE	155.00	155.00	26.00	26.00	8330N	PICRIC ACID	NO
G66DDA	MW-66	09/07/1999	PROFILE	165.00	165.00	36.00	36.00	8330N	3-NITROTOLUENE	NO
G66DDA	MW-66	09/07/1999	PROFILE	165.00	165.00	36.00	36.00	8330N	NITROGLYCERIN	NO
G66DDA	MW-66	09/07/1999	PROFILE	165.00	165.00	36.00	36.00	8330N	PENTAERYTHRITOL TETRANITRA	NO
G66DDA	MW-66	09/07/1999	PROFILE	165.00	165.00	36.00	36.00	8330N	PICRIC ACID	NO
G66DDA	MW-66	09/07/1999	PROFILE	165.00	165.00	36.00	36.00	OC21V	ACETONE	
G66DDA	MW-66	09/07/1999	PROFILE	165.00	165.00	36.00	36.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G66DEA	MW-66	09/07/1999	PROFILE	175.00	175.00	46.00	46.00	8330N	NITROGLYCERIN	NO
G66DEA	MW-66	09/07/1999	PROFILE	175.00	175.00	46.00	46.00	8330N	PENTAERYTHRITOL TETRANITRA	NO
G66DEA	MW-66	09/07/1999	PROFILE	175.00	175.00	46.00	46.00	8330N	PICRIC ACID	NO
G66DEA	MW-66	09/07/1999	PROFILE	175.00	175.00	46.00	46.00	OC21V	CHLOROFORM	
G66DFA	MW-66	09/08/1999	PROFILE	185.00	185.00	56.00	56.00	8330N	3-NITROTOLUENE	NO
G66DFA	MW-66	09/08/1999	PROFILE	185.00	185.00	56.00	56.00	8330N	4-NITROTOLUENE	NO
G66DFA	MW-66	09/08/1999	PROFILE	185.00	185.00	56.00	56.00	8330N	NITROGLYCERIN	NO

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G66DFA	MW-66	09/08/1999	PROFILE	185.00	185.00	56.00	56.00	8330N	PICRIC ACID	NO
G66DFA	MW-66	09/08/1999	PROFILE	185.00	185.00	56.00	56.00	OC21V	ACETONE	
G66DFA	MW-66	09/08/1999	PROFILE	185.00	185.00	56.00	56.00	OC21V	CHLOROFORM	
G66DFA	MW-66	09/08/1999	PROFILE	185.00	185.00	56.00	56.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G66DGA	MW-66	09/08/1999	PROFILE	195.00	195.00	66.00	66.00	8330N	3-NITROTOLUENE	NO
G66DGA	MW-66	09/08/1999	PROFILE	195.00	195.00	66.00	66.00	8330N	NITROGLYCERIN	NO
G66DGA	MW-66	09/08/1999	PROFILE	195.00	195.00	66.00	66.00	8330N	PICRIC ACID	NO
G66DGA	MW-66	09/08/1999	PROFILE	195.00	195.00	66.00	66.00	OC21V	ACETONE	
G66DGA	MW-66	09/08/1999	PROFILE	195.00	195.00	66.00	66.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G66DHA	MW-66	09/09/1999	PROFILE	205.00	205.00	76.00	76.00	8330N	3-NITROTOLUENE	NO
G66DHA	MW-66	09/09/1999	PROFILE	205.00	205.00	76.00	76.00	8330N	NITROGLYCERIN	NO
G66DHA	MW-66	09/09/1999	PROFILE	205.00	205.00	76.00	76.00	8330N	PICRIC ACID	NO
G66DHA	MW-66	09/09/1999	PROFILE	205.00	205.00	76.00	76.00	OC21V	ACETONE	
G66DHA	MW-66	09/09/1999	PROFILE	205.00	205.00	76.00	76.00	OC21V	CHLOROFORM	
G66DIA	MW-66	09/09/1999	PROFILE	215.00	215.00	86.00	86.00	8330N	3-NITROTOLUENE	NO
G66DIA	MW-66	09/09/1999	PROFILE	215.00	215.00	86.00	86.00	8330N	4-NITROTOLUENE	NO
G66DIA	MW-66	09/09/1999	PROFILE	215.00	215.00	86.00	86.00	8330N	PICRIC ACID	NO
G66DIA	MW-66	09/09/1999	PROFILE	215.00	215.00	86.00	86.00	OC21V	ACETONE	
G66DIA	MW-66	09/09/1999	PROFILE	215.00	215.00	86.00	86.00	OC21V	CHLOROFORM	
G66DIA	MW-66	09/09/1999	PROFILE	215.00	215.00	86.00	86.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G66DJA	MW-66	09/09/1999	PROFILE	225.00	225.00	96.00	96.00	8330N	3-NITROTOLUENE	NO
G66DJA	MW-66	09/09/1999	PROFILE	225.00	225.00	96.00	96.00	8330N	NITROGLYCERIN	NO
G66DJA	MW-66	09/09/1999	PROFILE	225.00	225.00	96.00	96.00	8330N	PICRIC ACID	NO
G66DJA	MW-66	09/09/1999	PROFILE	225.00	225.00	96.00	96.00	OC21V	ACETONE	
G66DJA	MW-66	09/09/1999	PROFILE	225.00	225.00	96.00	96.00	OC21V	CHLOROFORM	
G66DJA	MW-66	09/09/1999	PROFILE	225.00	225.00	96.00	96.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G66DKA	MW-66	09/09/1999	PROFILE	235.00	235.00	106.00	106.00	8330N	2,6-DINITROTOLUENE	YES
G66DKA	MW-66	09/09/1999	PROFILE	235.00	235.00	106.00	106.00	8330N	3-NITROTOLUENE	NO
G66DKA	MW-66	09/09/1999	PROFILE	235.00	235.00	106.00	106.00	8330N	4-NITROTOLUENE	NO
G66DKA	MW-66	09/09/1999	PROFILE	235.00	235.00	106.00	106.00	8330N	NITROGLYCERIN	NO
G66DKA	MW-66	09/09/1999	PROFILE	235.00	235.00	106.00	106.00	8330N	PICRIC ACID	NO
G66DKA	MW-66	09/09/1999	PROFILE	235.00	235.00	106.00	106.00	OC21V	ACETONE	

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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 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G66DKA	MW-66	09/09/1999	PROFILE	235.00	235.00	106.00	106.00	OC21V	CHLOROFORM	
G66DKA	MW-66	09/09/1999	PROFILE	235.00	235.00	106.00	106.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G66DLA	MW-66	09/09/1999	PROFILE	245.00	245.00	116.00	116.00	8330N	3-NITROTOLUENE	NO
G66DLA	MW-66	09/09/1999	PROFILE	245.00	245.00	116.00	116.00	8330N	NITROBENZENE	NO
G66DLA	MW-66	09/09/1999	PROFILE	245.00	245.00	116.00	116.00	8330N	PENTAERYTHRITOL TETRANITRA	NO
G66DLA	MW-66	09/09/1999	PROFILE	245.00	245.00	116.00	116.00	8330N	PICRIC ACID	NO
G66DLA	MW-66	09/09/1999	PROFILE	245.00	245.00	116.00	116.00	OC21V	ACETONE	
G66DLA	MW-66	09/09/1999	PROFILE	245.00	245.00	116.00	116.00	OC21V	CHLOROFORM	
G66DMA	MW-66	09/09/1999	PROFILE	255.00	255.00	126.00	126.00	8330N	3-NITROTOLUENE	NO
G66DMA	MW-66	09/09/1999	PROFILE	255.00	255.00	126.00	126.00	8330N	4-NITROTOLUENE	NO
G66DMA	MW-66	09/09/1999	PROFILE	255.00	255.00	126.00	126.00	8330N	NITROGLYCERIN	NO
G66DMA	MW-66	09/09/1999	PROFILE	255.00	255.00	126.00	126.00	8330N	PICRIC ACID	NO
G66DMA	MW-66	09/09/1999	PROFILE	255.00	255.00	126.00	126.00	OC21V	ACETONE	
G66DMA	MW-66	09/09/1999	PROFILE	255.00	255.00	126.00	126.00	OC21V	CHLOROFORM	
G66DMA	MW-66	09/09/1999	PROFILE	255.00	255.00	126.00	126.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G66DNA	MW-66	09/10/1999	PROFILE	265.00	265.00	136.00	136.00	8330N	3-NITROTOLUENE	NO
G66DNA	MW-66	09/10/1999	PROFILE	265.00	265.00	136.00	136.00	8330N	NITROGLYCERIN	NO
G66DNA	MW-66	09/10/1999	PROFILE	265.00	265.00	136.00	136.00	8330N	PICRIC ACID	NO
G66DNA	MW-66	09/10/1999	PROFILE	265.00	265.00	136.00	136.00	OC21V	ACETONE	
G66DNA	MW-66	09/10/1999	PROFILE	265.00	265.00	136.00	136.00	OC21V	CHLOROFORM	
G66DOA	MW-66	09/10/1999	PROFILE	275.00	275.00	146.00	146.00	8330N	NITROGLYCERIN	NO
G66DOA	MW-66	09/10/1999	PROFILE	275.00	275.00	146.00	146.00	8330N	PICRIC ACID	NO
G66DOA	MW-66	09/10/1999	PROFILE	275.00	275.00	146.00	146.00	OC21V	ACETONE	
G66DOA	MW-66	09/10/1999	PROFILE	275.00	275.00	146.00	146.00	OC21V	CHLOROFORM	
G66DOA	MW-66	09/10/1999	PROFILE	275.00	275.00	146.00	146.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G67DAA	MW-67	09/22/1999	PROFILE	168.00	168.00	12.30	12.30	8330N	2,6-DINITROTOLUENE	YES
G67DAA	MW-67	09/22/1999	PROFILE	168.00	168.00	12.30	12.30	8330N	2-NITROTOLUENE	NO
G67DAA	MW-67	09/22/1999	PROFILE	168.00	168.00	12.30	12.30	8330N	3-NITROTOLUENE	NO
G67DAA	MW-67	09/22/1999	PROFILE	168.00	168.00	12.30	12.30	8330N	4-NITROTOLUENE	NO
G67DAA	MW-67	09/22/1999	PROFILE	168.00	168.00	12.30	12.30	8330N	NITROGLYCERIN	NO
G67DAA	MW-67	09/22/1999	PROFILE	168.00	168.00	12.30	12.30	8330N	PICRIC ACID	NO
G67DAA	MW-67	09/22/1999	PROFILE	168.00	168.00	12.30	12.30	OC21V	ACETONE	

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.
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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 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G67DAA	MW-67	09/22/1999	PROFILE	168.00	168.00	12.30	12.30	OC21V	CHLOROETHANE	
G67DAA	MW-67	09/22/1999	PROFILE	168.00	168.00	12.30	12.30	OC21V	CHLOROFORM	
G67DAA	MW-67	09/22/1999	PROFILE	168.00	168.00	12.30	12.30	OC21V	CHLOROMETHANE	
G67DAA	MW-67	09/22/1999	PROFILE	168.00	168.00	12.30	12.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G67DBA	MW-67	09/22/1999	PROFILE	178.00	178.00	22.30	22.30	8330N	2,6-DINITROTOLUENE	YES
G67DBA	MW-67	09/22/1999	PROFILE	178.00	178.00	22.30	22.30	8330N	3-NITROTOLUENE	NO
G67DBA	MW-67	09/22/1999	PROFILE	178.00	178.00	22.30	22.30	8330N	4-NITROTOLUENE	NO
G67DBA	MW-67	09/22/1999	PROFILE	178.00	178.00	22.30	22.30	8330N	NITROGLYCERIN	NO
G67DBA	MW-67	09/22/1999	PROFILE	178.00	178.00	22.30	22.30	8330N	PICRIC ACID	NO
G67DBA	MW-67	09/22/1999	PROFILE	178.00	178.00	22.30	22.30	OC21V	ACETONE	
G67DBA	MW-67	09/22/1999	PROFILE	178.00	178.00	22.30	22.30	OC21V	CHLOROFORM	
G67DBA	MW-67	09/22/1999	PROFILE	178.00	178.00	22.30	22.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G67DCA	MW-67	09/22/1999	PROFILE	188.00	188.00	32.30	32.30	8330N	2,6-DINITROTOLUENE	YES
G67DCA	MW-67	09/22/1999	PROFILE	188.00	188.00	32.30	32.30	8330N	3-NITROTOLUENE	NO
G67DCA	MW-67	09/22/1999	PROFILE	188.00	188.00	32.30	32.30	8330N	4-NITROTOLUENE	NO
G67DCA	MW-67	09/22/1999	PROFILE	188.00	188.00	32.30	32.30	8330N	NITROGLYCERIN	NO
G67DCA	MW-67	09/22/1999	PROFILE	188.00	188.00	32.30	32.30	8330N	PENTAERYTHRITOL TETRANITRA	NO
G67DCA	MW-67	09/22/1999	PROFILE	188.00	188.00	32.30	32.30	8330N	PICRIC ACID	NO
G67DCA	MW-67	09/22/1999	PROFILE	188.00	188.00	32.30	32.30	OC21V	ACETONE	
G67DCA	MW-67	09/22/1999	PROFILE	188.00	188.00	32.30	32.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G67DDA	MW-67	09/23/1999	PROFILE	198.00	198.00	42.30	42.30	8330N	3-NITROTOLUENE	NO
G67DDA	MW-67	09/23/1999	PROFILE	198.00	198.00	42.30	42.30	8330N	NITROGLYCERIN	NO
G67DDA	MW-67	09/23/1999	PROFILE	198.00	198.00	42.30	42.30	8330N	PENTAERYTHRITOL TETRANITRA	NO
G67DDA	MW-67	09/23/1999	PROFILE	198.00	198.00	42.30	42.30	8330N	PICRIC ACID	NO
G67DDA	MW-67	09/23/1999	PROFILE	198.00	198.00	42.30	42.30	OC21V	ACETONE	
G67DDA	MW-67	09/23/1999	PROFILE	198.00	198.00	42.30	42.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G67DDD	MW-67	09/23/1999	PROFILE	198.00	198.00	42.30	42.30	8330N	3-NITROTOLUENE	NO
G67DDD	MW-67	09/23/1999	PROFILE	198.00	198.00	42.30	42.30	8330N	NITROGLYCERIN	NO
G67DDD	MW-67	09/23/1999	PROFILE	198.00	198.00	42.30	42.30	8330N	PENTAERYTHRITOL TETRANITRA	NO
G67DDD	MW-67	09/23/1999	PROFILE	198.00	198.00	42.30	42.30	8330N	PICRIC ACID	NO
G67DEA	MW-67	09/23/1999	PROFILE	208.00	208.00	52.30	52.30	8330N	3-NITROTOLUENE	NO
G67DEA	MW-67	09/23/1999	PROFILE	208.00	208.00	52.30	52.30	8330N	4-NITROTOLUENE	NO

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PDA/NO = Photo Diode Array, Detect Not Confirmed

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G67DEA	MW-67	09/23/1999	PROFILE	208.00	208.00	52.30	52.30	8330N	NITROGLYCERIN	NO
G67DEA	MW-67	09/23/1999	PROFILE	208.00	208.00	52.30	52.30	8330N	PENTAERYTHRITOL TETRANITR/	NO
G67DEA	MW-67	09/23/1999	PROFILE	208.00	208.00	52.30	52.30	8330N	PICRIC ACID	NO
G67DEA	MW-67	09/23/1999	PROFILE	208.00	208.00	52.30	52.30	OC21V	ACETONE	
G67DEA	MW-67	09/23/1999	PROFILE	208.00	208.00	52.30	52.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G67DFA	MW-67	09/23/1999	PROFILE	218.00	218.00	62.30	62.30	8330N	NITROGLYCERIN	NO
G67DFA	MW-67	09/23/1999	PROFILE	218.00	218.00	62.30	62.30	8330N	PENTAERYTHRITOL TETRANITR/	NO
G67DFA	MW-67	09/23/1999	PROFILE	218.00	218.00	62.30	62.30	OC21V	ACETONE	
G67DFA	MW-67	09/23/1999	PROFILE	218.00	218.00	62.30	62.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G67DGA	MW-67	09/24/1999	PROFILE	228.00	228.00	72.30	72.30	8330N	3-NITROTOLUENE	NO
G67DGA	MW-67	09/24/1999	PROFILE	228.00	228.00	72.30	72.30	8330N	4-NITROTOLUENE	NO
G67DGA	MW-67	09/24/1999	PROFILE	228.00	228.00	72.30	72.30	8330N	NITROGLYCERIN	NO
G67DGA	MW-67	09/24/1999	PROFILE	228.00	228.00	72.30	72.30	8330N	PICRIC ACID	NO
G67DGA	MW-67	09/24/1999	PROFILE	228.00	228.00	72.30	72.30	OC21V	ACETONE	
G67DGA	MW-67	09/24/1999	PROFILE	228.00	228.00	72.30	72.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G67DHA	MW-67	09/24/1999	PROFILE	238.00	238.00	82.30	82.30	8330N	3-NITROTOLUENE	NO
G67DHA	MW-67	09/24/1999	PROFILE	238.00	238.00	82.30	82.30	8330N	NITROGLYCERIN	NO
G67DHA	MW-67	09/24/1999	PROFILE	238.00	238.00	82.30	82.30	8330N	PENTAERYTHRITOL TETRANITR/	NO
G67DHA	MW-67	09/24/1999	PROFILE	238.00	238.00	82.30	82.30	8330N	PICRIC ACID	NO
G67DHA	MW-67	09/24/1999	PROFILE	238.00	238.00	82.30	82.30	OC21V	ACETONE	
G67DHA	MW-67	09/24/1999	PROFILE	238.00	238.00	82.30	82.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G67DIA	MW-67	09/27/1999	PROFILE	248.00	248.00	92.30	92.30	8330N	1,3,5-TRINITROBENZENE	NO
G67DIA	MW-67	09/27/1999	PROFILE	248.00	248.00	92.30	92.30	8330N	1,3-DINITROBENZENE	NO
G67DIA	MW-67	09/27/1999	PROFILE	248.00	248.00	92.30	92.30	8330N	3-NITROTOLUENE	NO
G67DIA	MW-67	09/27/1999	PROFILE	248.00	248.00	92.30	92.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G67DIA	MW-67	09/27/1999	PROFILE	248.00	248.00	92.30	92.30	8330N	NITROGLYCERIN	NO
G67DIA	MW-67	09/27/1999	PROFILE	248.00	248.00	92.30	92.30	8330N	PENTAERYTHRITOL TETRANITR/	NO
G67DIA	MW-67	09/27/1999	PROFILE	248.00	248.00	92.30	92.30	8330N	PICRIC ACID	NO
G67DIA	MW-67	09/27/1999	PROFILE	248.00	248.00	92.30	92.30	OC21V	ACETONE	
G67DIA	MW-67	09/27/1999	PROFILE	248.00	248.00	92.30	92.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G67DJA	MW-67	09/27/1999	PROFILE	258.00	258.00	102.30	102.30	8330N	1,3,5-TRINITROBENZENE	NO
G67DJA	MW-67	09/27/1999	PROFILE	258.00	258.00	102.30	102.30	8330N	1,3-DINITROBENZENE	NO

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BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET
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PDA/NO = Photo Diode Array, Detect Not Confirmed

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G67DJA	MW-67	09/27/1999	PROFILE	258.00	258.00	102.30	102.30	8330N	3-NITROTOLUENE	NO
G67DJA	MW-67	09/27/1999	PROFILE	258.00	258.00	102.30	102.30	8330N	4-NITROTOLUENE	NO
G67DJA	MW-67	09/27/1999	PROFILE	258.00	258.00	102.30	102.30	8330N	PENTAERYTHRITOL TETRANITR/	NO
G67DJA	MW-67	09/27/1999	PROFILE	258.00	258.00	102.30	102.30	8330N	PICRIC ACID	NO
G67DJA	MW-67	09/27/1999	PROFILE	258.00	258.00	102.30	102.30	OC21V	ACETONE	
G67DJA	MW-67	09/27/1999	PROFILE	258.00	258.00	102.30	102.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G67DKA	MW-67	09/27/1999	PROFILE	268.00	268.00	112.30	112.30	8330N	1,3,5-TRINITROBENZENE	NO
G67DKA	MW-67	09/27/1999	PROFILE	268.00	268.00	112.30	112.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G67DKA	MW-67	09/27/1999	PROFILE	268.00	268.00	112.30	112.30	8330N	NITROGLYCERIN	NO
G67DKA	MW-67	09/27/1999	PROFILE	268.00	268.00	112.30	112.30	8330N	PENTAERYTHRITOL TETRANITR/	NO
G67DKA	MW-67	09/27/1999	PROFILE	268.00	268.00	112.30	112.30	OC21V	ACETONE	
G67DLA	MW-67	09/27/1999	PROFILE	277.00	277.00	121.30	121.30	8330N	1,3,5-TRINITROBENZENE	NO
G67DLA	MW-67	09/27/1999	PROFILE	277.00	277.00	121.30	121.30	8330N	3-NITROTOLUENE	NO
G67DLA	MW-67	09/27/1999	PROFILE	277.00	277.00	121.30	121.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G67DLA	MW-67	09/27/1999	PROFILE	277.00	277.00	121.30	121.30	8330N	NITROGLYCERIN	NO
G67DLA	MW-67	09/27/1999	PROFILE	277.00	277.00	121.30	121.30	OC21V	ACETONE	
G67DMA	MW-67	09/27/1999	PROFILE	287.00	287.00	131.30	131.30	8330N	1,3,5-TRINITROBENZENE	NO
G67DMA	MW-67	09/27/1999	PROFILE	287.00	287.00	131.30	131.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G67DMA	MW-67	09/27/1999	PROFILE	287.00	287.00	131.30	131.30	8330N	PENTAERYTHRITOL TETRANITR/	NO
G67DMA	MW-67	09/27/1999	PROFILE	287.00	287.00	131.30	131.30	8330N	PICRIC ACID	NO
G67DMA	MW-67	09/27/1999	PROFILE	287.00	287.00	131.30	131.30	OC21V	ACETONE	
G67DNA	MW-67	09/27/1999	PROFILE	297.00	297.00	141.30	141.30	8330N	1,3,5-TRINITROBENZENE	NO
G67DNA	MW-67	09/27/1999	PROFILE	297.00	297.00	141.30	141.30	8330N	3-NITROTOLUENE	NO
G67DNA	MW-67	09/27/1999	PROFILE	297.00	297.00	141.30	141.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G67DNA	MW-67	09/27/1999	PROFILE	297.00	297.00	141.30	141.30	8330N	NITROGLYCERIN	NO
G67DNA	MW-67	09/27/1999	PROFILE	297.00	297.00	141.30	141.30	8330N	PENTAERYTHRITOL TETRANITR/	NO
G67DNA	MW-67	09/27/1999	PROFILE	297.00	297.00	141.30	141.30	8330N	PICRIC ACID	NO
G67DNA	MW-67	09/27/1999	PROFILE	297.00	297.00	141.30	141.30	OC21V	ACETONE	
G67DNA	MW-67	09/27/1999	PROFILE	297.00	297.00	141.30	141.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G67DOA	MW-67	09/27/1999	PROFILE	307.00	307.00	151.30	151.30	8330N	1,3,5-TRINITROBENZENE	NO
G67DOA	MW-67	09/27/1999	PROFILE	307.00	307.00	151.30	151.30	8330N	3-NITROTOLUENE	NO
G67DOA	MW-67	09/27/1999	PROFILE	307.00	307.00	151.30	151.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO

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BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET
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PDA/NO = Photo Diode Array, Detect Not Confirmed

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G67DOA	MW-67	09/27/1999	PROFILE	307.00	307.00	151.30	151.30	8330N	NITROGLYCERIN	NO
G67DOA	MW-67	09/27/1999	PROFILE	307.00	307.00	151.30	151.30	8330N	PENTAERYTHRITOL TETRANITR/	NO
G67DOA	MW-67	09/27/1999	PROFILE	307.00	307.00	151.30	151.30	8330N	PICRIC ACID	NO
G67DOA	MW-67	09/27/1999	PROFILE	307.00	307.00	151.30	151.30	OC21V	ACETONE	
G67DOA	MW-67	09/27/1999	PROFILE	307.00	307.00	151.30	151.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G68DAA	MW-68	09/07/1999	PROFILE	95.00	95.00	7.20	7.20	8330N	3-NITROTOLUENE	NO
G68DAA	MW-68	09/07/1999	PROFILE	95.00	95.00	7.20	7.20	8330N	4-NITROTOLUENE	NO
G68DAA	MW-68	09/07/1999	PROFILE	95.00	95.00	7.20	7.20	8330N	NITROGLYCERIN	NO
G68DAA	MW-68	09/07/1999	PROFILE	95.00	95.00	7.20	7.20	8330N	PENTAERYTHRITOL TETRANITR/	NO
G68DAA	MW-68	09/07/1999	PROFILE	95.00	95.00	7.20	7.20	8330N	PICRIC ACID	NO
G68DAA	MW-68	09/07/1999	PROFILE	95.00	95.00	7.20	7.20	OC21V	ACETONE	
G68DAA	MW-68	09/07/1999	PROFILE	95.00	95.00	7.20	7.20	OC21V	CHLOROFORM	
G68DAA	MW-68	09/07/1999	PROFILE	95.00	95.00	7.20	7.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G68DBA	MW-68	09/07/1999	PROFILE	105.00	105.00	17.20	17.20	8330N	NITROGLYCERIN	NO
G68DBA	MW-68	09/07/1999	PROFILE	105.00	105.00	17.20	17.20	8330N	PICRIC ACID	NO
G68DBA	MW-68	09/07/1999	PROFILE	105.00	105.00	17.20	17.20	OC21V	ACETONE	
G68DBA	MW-68	09/07/1999	PROFILE	105.00	105.00	17.20	17.20	OC21V	CHLOROFORM	
G68DBA	MW-68	09/07/1999	PROFILE	105.00	105.00	17.20	17.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G68DCA	MW-68	09/08/1999	PROFILE	110.00	110.00	22.20	22.20	8330N	2-NITROTOLUENE	NO
G68DCA	MW-68	09/08/1999	PROFILE	110.00	110.00	22.20	22.20	8330N	3-NITROTOLUENE	NO
G68DCA	MW-68	09/08/1999	PROFILE	110.00	110.00	22.20	22.20	8330N	4-NITROTOLUENE	NO
G68DCA	MW-68	09/08/1999	PROFILE	110.00	110.00	22.20	22.20	8330N	NITROGLYCERIN	NO
G68DCA	MW-68	09/08/1999	PROFILE	110.00	110.00	22.20	22.20	8330N	PENTAERYTHRITOL TETRANITR/	NO
G68DCA	MW-68	09/08/1999	PROFILE	110.00	110.00	22.20	22.20	8330N	PICRIC ACID	NO
G68DCA	MW-68	09/08/1999	PROFILE	110.00	110.00	22.20	22.20	OC21V	ACETONE	
G68DCA	MW-68	09/08/1999	PROFILE	110.00	110.00	22.20	22.20	OC21V	CHLOROETHANE	
G68DCA	MW-68	09/08/1999	PROFILE	110.00	110.00	22.20	22.20	OC21V	CHLOROFORM	
G68DCA	MW-68	09/08/1999	PROFILE	110.00	110.00	22.20	22.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G68DDA	MW-68	09/08/1999	PROFILE	120.00	120.00	32.20	32.20	OC21V	ACETONE	
G68DDA	MW-68	09/08/1999	PROFILE	120.00	120.00	32.20	32.20	OC21V	CHLOROFORM	
G68DDA	MW-68	09/08/1999	PROFILE	120.00	120.00	32.20	32.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G68DEA	MW-68	09/08/1999	PROFILE	130.00	130.00	42.20	42.20	8330N	4-NITROTOLUENE	NO

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.
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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 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G68DEA	MW-68	09/08/1999	PROFILE	130.00	130.00	42.20	42.20	8330N	PENTAERYTHRITOL TETRANITR/	NO
G68DEA	MW-68	09/08/1999	PROFILE	130.00	130.00	42.20	42.20	8330N	PICRIC ACID	NO
G68DEA	MW-68	09/08/1999	PROFILE	130.00	130.00	42.20	42.20	OC21V	ACETONE	
G68DEA	MW-68	09/08/1999	PROFILE	130.00	130.00	42.20	42.20	OC21V	CHLOROFORM	
G68DEA	MW-68	09/08/1999	PROFILE	130.00	130.00	42.20	42.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G68DED	MW-68	09/08/1999	PROFILE	130.00	130.00	42.20	42.20	8330N	3-NITROTOLUENE	NO
G68DED	MW-68	09/08/1999	PROFILE	130.00	130.00	42.20	42.20	8330N	4-NITROTOLUENE	NO
G68DED	MW-68	09/08/1999	PROFILE	130.00	130.00	42.20	42.20	8330N	NITROGLYCERIN	NO
G68DED	MW-68	09/08/1999	PROFILE	130.00	130.00	42.20	42.20	8330N	PENTAERYTHRITOL TETRANITR/	NO
G68DED	MW-68	09/08/1999	PROFILE	130.00	130.00	42.20	42.20	8330N	PICRIC ACID	NO
G68DFA	MW-68	09/08/1999	PROFILE	140.00	140.00	52.20	52.20	8330N	2-NITROTOLUENE	NO
G68DFA	MW-68	09/08/1999	PROFILE	140.00	140.00	52.20	52.20	8330N	3-NITROTOLUENE	NO
G68DFA	MW-68	09/08/1999	PROFILE	140.00	140.00	52.20	52.20	8330N	4-NITROTOLUENE	NO
G68DFA	MW-68	09/08/1999	PROFILE	140.00	140.00	52.20	52.20	8330N	PENTAERYTHRITOL TETRANITR/	NO
G68DFA	MW-68	09/08/1999	PROFILE	140.00	140.00	52.20	52.20	8330N	PICRIC ACID	NO
G68DFA	MW-68	09/08/1999	PROFILE	140.00	140.00	52.20	52.20	OC21V	ACETONE	
G68DFA	MW-68	09/08/1999	PROFILE	140.00	140.00	52.20	52.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G68DGA	MW-68	09/08/1999	PROFILE	150.00	150.00	62.20	62.20	8330N	PICRIC ACID	NO
G68DGA	MW-68	09/08/1999	PROFILE	150.00	150.00	62.20	62.20	OC21V	ACETONE	
G68DGA	MW-68	09/08/1999	PROFILE	150.00	150.00	62.20	62.20	OC21V	CHLOROFORM	
G68DGA	MW-68	09/08/1999	PROFILE	150.00	150.00	62.20	62.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G68DHA	MW-68	09/08/1999	PROFILE	160.00	160.00	72.20	72.20	8330N	PICRIC ACID	NO
G68DHA	MW-68	09/08/1999	PROFILE	160.00	160.00	72.20	72.20	OC21V	ACETONE	
G68DHA	MW-68	09/08/1999	PROFILE	160.00	160.00	72.20	72.20	OC21V	CHLOROFORM	
G68DHA	MW-68	09/08/1999	PROFILE	160.00	160.00	72.20	72.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G68DIA	MW-68	09/08/1999	PROFILE	170.00	170.00	82.20	82.20	8330N	PICRIC ACID	NO
G68DIA	MW-68	09/08/1999	PROFILE	170.00	170.00	82.20	82.20	OC21V	ACETONE	
G68DIA	MW-68	09/08/1999	PROFILE	170.00	170.00	82.20	82.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G68DJA	MW-68	09/08/1999	PROFILE	180.00	180.00	92.20	92.20	8330N	PENTAERYTHRITOL TETRANITR/	NO
G68DJA	MW-68	09/08/1999	PROFILE	180.00	180.00	92.20	92.20	8330N	PICRIC ACID	NO
G68DJA	MW-68	09/08/1999	PROFILE	180.00	180.00	92.20	92.20	OC21V	ACETONE	
G68DJA	MW-68	09/08/1999	PROFILE	180.00	180.00	92.20	92.20	OC21V	METHYL ETHYL KETONE (2-BUTA	

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BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET
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PDA/NO = Photo Diode Array, Detect Not Confirmed

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G68DKA	MW-68	09/08/1999	PROFILE	190.00	190.00	102.20	102.20	8330N	PICRIC ACID	NO
G68DKA	MW-68	09/08/1999	PROFILE	190.00	190.00	102.20	102.20	OC21V	ACETONE	
G68DKA	MW-68	09/08/1999	PROFILE	190.00	190.00	102.20	102.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G68DLA	MW-68	09/08/1999	PROFILE	200.00	200.00	112.20	112.20	8330N	2-NITROTOLUENE	NO
G68DLA	MW-68	09/08/1999	PROFILE	200.00	200.00	112.20	112.20	8330N	3-NITROTOLUENE	NO
G68DLA	MW-68	09/08/1999	PROFILE	200.00	200.00	112.20	112.20	8330N	4-NITROTOLUENE	NO
G68DLA	MW-68	09/08/1999	PROFILE	200.00	200.00	112.20	112.20	OC21V	ACETONE	
G68DLA	MW-68	09/08/1999	PROFILE	200.00	200.00	112.20	112.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G68DLD	MW-68	09/08/1999	PROFILE	200.00	200.00	112.20	112.20	8330N	3-NITROTOLUENE	NO
G68DLD	MW-68	09/08/1999	PROFILE	200.00	200.00	112.20	112.20	8330N	4-NITROTOLUENE	NO
G68DLD	MW-68	09/08/1999	PROFILE	200.00	200.00	112.20	112.20	8330N	PICRIC ACID	NO
G68DMA	MW-68	09/09/1999	PROFILE	210.00	210.00	122.20	122.20	8330N	2,4-DINITROTOLUENE	NO
G68DMA	MW-68	09/09/1999	PROFILE	210.00	210.00	122.20	122.20	8330N	2-NITROTOLUENE	NO
G68DMA	MW-68	09/09/1999	PROFILE	210.00	210.00	122.20	122.20	8330N	3-NITROTOLUENE	NO
G68DMA	MW-68	09/09/1999	PROFILE	210.00	210.00	122.20	122.20	8330N	4-NITROTOLUENE	NO
G68DMA	MW-68	09/09/1999	PROFILE	210.00	210.00	122.20	122.20	8330N	PENTAERYTHRITOL TETRANITRA	NO
G68DMA	MW-68	09/09/1999	PROFILE	210.00	210.00	122.20	122.20	8330N	PICRIC ACID	NO
G68DMA	MW-68	09/09/1999	PROFILE	210.00	210.00	122.20	122.20	OC21V	2-HEXANONE	
G68DMA	MW-68	09/09/1999	PROFILE	210.00	210.00	122.20	122.20	OC21V	ACETONE	
G68DMA	MW-68	09/09/1999	PROFILE	210.00	210.00	122.20	122.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G68DNA	MW-68	09/09/1999	PROFILE	220.00	220.00	132.20	132.20	8330N	2-NITROTOLUENE	NO
G68DNA	MW-68	09/09/1999	PROFILE	220.00	220.00	132.20	132.20	8330N	3-NITROTOLUENE	NO
G68DNA	MW-68	09/09/1999	PROFILE	220.00	220.00	132.20	132.20	8330N	4-NITROTOLUENE	NO
G68DNA	MW-68	09/09/1999	PROFILE	220.00	220.00	132.20	132.20	8330N	PENTAERYTHRITOL TETRANITRA	NO
G68DNA	MW-68	09/09/1999	PROFILE	220.00	220.00	132.20	132.20	8330N	PICRIC ACID	NO
G68DNA	MW-68	09/09/1999	PROFILE	220.00	220.00	132.20	132.20	OC21V	2-HEXANONE	
G68DNA	MW-68	09/09/1999	PROFILE	220.00	220.00	132.20	132.20	OC21V	ACETONE	
G68DNA	MW-68	09/09/1999	PROFILE	220.00	220.00	132.20	132.20	OC21V	CHLOROFORM	
G68DNA	MW-68	09/09/1999	PROFILE	220.00	220.00	132.20	132.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G68DOA	MW-68	09/09/1999	PROFILE	230.00	230.00	142.20	142.20	8330N	PENTAERYTHRITOL TETRANITRA	NO
G68DOA	MW-68	09/09/1999	PROFILE	230.00	230.00	142.20	142.20	8330N	PICRIC ACID	NO
G68DOA	MW-68	09/09/1999	PROFILE	230.00	230.00	142.20	142.20	OC21V	ACETONE	

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PDA/NO = Photo Diode Array, Detect Not Confirmed

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G68DOA	MW-68	09/09/1999	PROFILE	230.00	230.00	142.20	142.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G68DPA	MW-68	09/09/1999	PROFILE	240.00	240.00	152.20	152.20	OC21V	ACETONE	
G68DPA	MW-68	09/09/1999	PROFILE	240.00	240.00	152.20	152.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G68DQA	MW-68	09/09/1999	PROFILE	245.00	245.00	157.20	157.20	OC21V	ACETONE	
G68DQA	MW-68	09/09/1999	PROFILE	245.00	245.00	157.20	157.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G69DAA	MW-69	09/17/1999	PROFILE	120.00	120.00	7.00	7.00	8330N	2-NITROTOLUENE	NO
G69DAA	MW-69	09/17/1999	PROFILE	120.00	120.00	7.00	7.00	8330N	3-NITROTOLUENE	NO
G69DAA	MW-69	09/17/1999	PROFILE	120.00	120.00	7.00	7.00	8330N	4-NITROTOLUENE	NO
G69DAA	MW-69	09/17/1999	PROFILE	120.00	120.00	7.00	7.00	8330N	NITROGLYCERIN	NO
G69DAA	MW-69	09/17/1999	PROFILE	120.00	120.00	7.00	7.00	8330N	PENTAERYTHRITOL TETRANITRA	NO
G69DAA	MW-69	09/17/1999	PROFILE	120.00	120.00	7.00	7.00	8330N	PICRIC ACID	NO
G69DAA	MW-69	09/17/1999	PROFILE	120.00	120.00	7.00	7.00	OC21V	2-HEXANONE	
G69DAA	MW-69	09/17/1999	PROFILE	120.00	120.00	7.00	7.00	OC21V	ACETONE	
G69DAA	MW-69	09/17/1999	PROFILE	120.00	120.00	7.00	7.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G69DBA	MW-69	09/17/1999	PROFILE	130.00	130.00	17.00	17.00	8330N	3-NITROTOLUENE	NO
G69DBA	MW-69	09/17/1999	PROFILE	130.00	130.00	17.00	17.00	8330N	4-NITROTOLUENE	NO
G69DBA	MW-69	09/17/1999	PROFILE	130.00	130.00	17.00	17.00	8330N	PICRIC ACID	NO
G69DBA	MW-69	09/17/1999	PROFILE	130.00	130.00	17.00	17.00	OC21V	2-HEXANONE	
G69DBA	MW-69	09/17/1999	PROFILE	130.00	130.00	17.00	17.00	OC21V	ACETONE	
G69DBA	MW-69	09/17/1999	PROFILE	130.00	130.00	17.00	17.00	OC21V	CHLOROFORM	
G69DBA	MW-69	09/17/1999	PROFILE	130.00	130.00	17.00	17.00	OC21V	CHLOROMETHANE	
G69DBA	MW-69	09/17/1999	PROFILE	130.00	130.00	17.00	17.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G69DBA	MW-69	09/17/1999	PROFILE	130.00	130.00	17.00	17.00	OC21V	TOLUENE	
G69DCA	MW-69	09/17/1999	PROFILE	140.00	140.00	27.00	27.00	8330N	3-NITROTOLUENE	NO
G69DCA	MW-69	09/17/1999	PROFILE	140.00	140.00	27.00	27.00	8330N	4-NITROTOLUENE	NO
G69DCA	MW-69	09/17/1999	PROFILE	140.00	140.00	27.00	27.00	8330N	PENTAERYTHRITOL TETRANITRA	NO
G69DCA	MW-69	09/17/1999	PROFILE	140.00	140.00	27.00	27.00	8330N	PICRIC ACID	NO
G69DCA	MW-69	09/17/1999	PROFILE	140.00	140.00	27.00	27.00	OC21V	ACETONE	
G69DCA	MW-69	09/17/1999	PROFILE	140.00	140.00	27.00	27.00	OC21V	CHLOROFORM	
G69DCA	MW-69	09/17/1999	PROFILE	140.00	140.00	27.00	27.00	OC21V	CHLOROMETHANE	
G69DCA	MW-69	09/17/1999	PROFILE	140.00	140.00	27.00	27.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G69DDA	MW-69	09/17/1999	PROFILE	150.00	150.00	37.00	37.00	8330N	PICRIC ACID	NO

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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 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G69DDA	MW-69	09/17/1999	PROFILE	150.00	150.00	37.00	37.00	OC21V	ACETONE	
G69DDA	MW-69	09/17/1999	PROFILE	150.00	150.00	37.00	37.00	OC21V	CHLOROMETHANE	
G69DDA	MW-69	09/17/1999	PROFILE	150.00	150.00	37.00	37.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G69DEA	MW-69	09/20/1999	PROFILE	160.00	160.00	47.00	47.00	8330N	2-NITROTOLUENE	NO
G69DEA	MW-69	09/20/1999	PROFILE	160.00	160.00	47.00	47.00	8330N	3-NITROTOLUENE	NO
G69DEA	MW-69	09/20/1999	PROFILE	160.00	160.00	47.00	47.00	8330N	4-NITROTOLUENE	NO
G69DEA	MW-69	09/20/1999	PROFILE	160.00	160.00	47.00	47.00	8330N	NITROBENZENE	NO
G69DEA	MW-69	09/20/1999	PROFILE	160.00	160.00	47.00	47.00	8330N	NITROGLYCERIN	NO
G69DEA	MW-69	09/20/1999	PROFILE	160.00	160.00	47.00	47.00	8330N	PICRIC ACID	NO
G69DEA	MW-69	09/20/1999	PROFILE	160.00	160.00	47.00	47.00	OC21V	ACETONE	
G69DEA	MW-69	09/20/1999	PROFILE	160.00	160.00	47.00	47.00	OC21V	CHLOROMETHANE	
G69DEA	MW-69	09/20/1999	PROFILE	160.00	160.00	47.00	47.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G69DEA	MW-69	09/20/1999	PROFILE	160.00	160.00	47.00	47.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G69DGA	MW-69	09/20/1999	PROFILE	180.00	180.00	67.00	67.00	8330N	2-NITROTOLUENE	NO
G69DGA	MW-69	09/20/1999	PROFILE	180.00	180.00	67.00	67.00	8330N	3-NITROTOLUENE	NO
G69DGA	MW-69	09/20/1999	PROFILE	180.00	180.00	67.00	67.00	8330N	4-NITROTOLUENE	NO
G69DGA	MW-69	09/20/1999	PROFILE	180.00	180.00	67.00	67.00	8330N	NITROGLYCERIN	NO
G69DGA	MW-69	09/20/1999	PROFILE	180.00	180.00	67.00	67.00	8330N	PENTAERYTHRITOL TETRANITRA	NO
G69DGA	MW-69	09/20/1999	PROFILE	180.00	180.00	67.00	67.00	8330N	PICRIC ACID	NO
G69DGA	MW-69	09/20/1999	PROFILE	180.00	180.00	67.00	67.00	OC21V	2-HEXANONE	
G69DGA	MW-69	09/20/1999	PROFILE	180.00	180.00	67.00	67.00	OC21V	ACETONE	
G69DGA	MW-69	09/20/1999	PROFILE	180.00	180.00	67.00	67.00	OC21V	BENZENE	
G69DGA	MW-69	09/20/1999	PROFILE	180.00	180.00	67.00	67.00	OC21V	CHLOROETHANE	
G69DGA	MW-69	09/20/1999	PROFILE	180.00	180.00	67.00	67.00	OC21V	CHLOROMETHANE	
G69DGA	MW-69	09/20/1999	PROFILE	180.00	180.00	67.00	67.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G69DGA	MW-69	09/20/1999	PROFILE	180.00	180.00	67.00	67.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G69DGA	MW-69	09/20/1999	PROFILE	180.00	180.00	67.00	67.00	OC21V	TOLUENE	
G69DHA	MW-69	09/20/1999	PROFILE	190.00	190.00	77.00	77.00	8330N	NITROGLYCERIN	NO
G69DHA	MW-69	09/20/1999	PROFILE	190.00	190.00	77.00	77.00	8330N	PENTAERYTHRITOL TETRANITRA	NO
G69DHA	MW-69	09/20/1999	PROFILE	190.00	190.00	77.00	77.00	8330N	PICRIC ACID	NO
G69DHA	MW-69	09/20/1999	PROFILE	190.00	190.00	77.00	77.00	OC21V	2-HEXANONE	
G69DHA	MW-69	09/20/1999	PROFILE	190.00	190.00	77.00	77.00	OC21V	ACETONE	

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PDA/YES = Photo Diode Array, Detect Confirmed
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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G69DHA	MW-69	09/20/1999	PROFILE	190.00	190.00	77.00	77.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G69DHA	MW-69	09/20/1999	PROFILE	190.00	190.00	77.00	77.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G69DIA	MW-69	09/20/1999	PROFILE	200.00	200.00	87.00	87.00	8330N	PENTAERYTHRITOL TETRANITRA	NO
G69DIA	MW-69	09/20/1999	PROFILE	200.00	200.00	87.00	87.00	OC21V	2-HEXANONE	
G69DIA	MW-69	09/20/1999	PROFILE	200.00	200.00	87.00	87.00	OC21V	ACETONE	
G69DIA	MW-69	09/20/1999	PROFILE	200.00	200.00	87.00	87.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G69DKA	MW-69	09/22/1999	PROFILE	220.00	220.00	107.00	107.00	8330N	2,6-DINITROTOLUENE	NO
G69DKA	MW-69	09/22/1999	PROFILE	220.00	220.00	107.00	107.00	8330N	2-NITROTOLUENE	NO
G69DKA	MW-69	09/22/1999	PROFILE	220.00	220.00	107.00	107.00	8330N	3-NITROTOLUENE	NO
G69DKA	MW-69	09/22/1999	PROFILE	220.00	220.00	107.00	107.00	8330N	4-NITROTOLUENE	NO
G69DKA	MW-69	09/22/1999	PROFILE	220.00	220.00	107.00	107.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G69DKA	MW-69	09/22/1999	PROFILE	220.00	220.00	107.00	107.00	8330N	PICRIC ACID	NO
G69DKA	MW-69	09/22/1999	PROFILE	220.00	220.00	107.00	107.00	OC21V	2-HEXANONE	
G69DKA	MW-69	09/22/1999	PROFILE	220.00	220.00	107.00	107.00	OC21V	ACETONE	
G69DKA	MW-69	09/22/1999	PROFILE	220.00	220.00	107.00	107.00	OC21V	CHLOROETHANE	
G69DKA	MW-69	09/22/1999	PROFILE	220.00	220.00	107.00	107.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G69DKA	MW-69	09/22/1999	PROFILE	220.00	220.00	107.00	107.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G69DLA	MW-69	09/22/1999	PROFILE	230.00	230.00	117.00	117.00	OC21V	ACETONE	
G69DLA	MW-69	09/22/1999	PROFILE	230.00	230.00	117.00	117.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G69DMA	MW-69	09/23/1999	PROFILE	240.00	240.00	127.00	127.00	8330N	2-NITROTOLUENE	NO
G69DMA	MW-69	09/23/1999	PROFILE	240.00	240.00	127.00	127.00	8330N	3-NITROTOLUENE	NO
G69DMA	MW-69	09/23/1999	PROFILE	240.00	240.00	127.00	127.00	8330N	4-NITROTOLUENE	NO
G69DMA	MW-69	09/23/1999	PROFILE	240.00	240.00	127.00	127.00	8330N	PENTAERYTHRITOL TETRANITRA	NO
G69DMA	MW-69	09/23/1999	PROFILE	240.00	240.00	127.00	127.00	8330N	PICRIC ACID	NO
G69DMA	MW-69	09/23/1999	PROFILE	240.00	240.00	127.00	127.00	OC21V	ACETONE	
G69DMA	MW-69	09/23/1999	PROFILE	240.00	240.00	127.00	127.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G69DNA	MW-69	09/23/1999	PROFILE	250.00	250.00	137.00	137.00	OC21V	ACETONE	
G69DNA	MW-69	09/23/1999	PROFILE	250.00	250.00	137.00	137.00	OC21V	CARBON DISULFIDE	
G69DNA	MW-69	09/23/1999	PROFILE	250.00	250.00	137.00	137.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G69DOA	MW-69	09/23/1999	PROFILE	260.00	260.00	147.00	147.00	8330N	1,3-DINITROBENZENE	NO
G69DOA	MW-69	09/23/1999	PROFILE	260.00	260.00	147.00	147.00	OC21V	ACETONE	
G69DOA	MW-69	09/23/1999	PROFILE	260.00	260.00	147.00	147.00	OC21V	CHLOROMETHANE	

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G69DOA	MW-69	09/23/1999	PROFILE	260.00	260.00	147.00	147.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G69DPA	MW-69	09/23/1999	PROFILE	270.00	270.00	157.00	157.00	OC21V	ACETONE	
G71DAA	MW-71	09/27/1999	PROFILE	164.00	169.00	4.00	9.00	8330N	3-NITROTOLUENE	NO
G71DAA	MW-71	09/27/1999	PROFILE	164.00	169.00	4.00	9.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G71DAA	MW-71	09/27/1999	PROFILE	164.00	169.00	4.00	9.00	8330N	NITROGLYCERIN	NO
G71DAA	MW-71	09/27/1999	PROFILE	164.00	169.00	4.00	9.00	8330N	PENTAERYTHRITOL TETRANITR/	NO
G71DAA	MW-71	09/27/1999	PROFILE	164.00	169.00	4.00	9.00	8330N	PICRIC ACID	NO
G71DAA	MW-71	09/27/1999	PROFILE	164.00	169.00	4.00	9.00	OC21V	ACETONE	
G71DAA	MW-71	09/27/1999	PROFILE	164.00	169.00	4.00	9.00	OC21V	BENZENE	
G71DAA	MW-71	09/27/1999	PROFILE	164.00	169.00	4.00	9.00	OC21V	CHLOROFORM	
G71DAA	MW-71	09/27/1999	PROFILE	164.00	169.00	4.00	9.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G71DAA	MW-71	09/27/1999	PROFILE	164.00	169.00	4.00	9.00	OC21V	TOLUENE	
G71DBA	MW-71	09/27/1999	PROFILE	170.00	175.00	10.00	15.00	8330N	3-NITROTOLUENE	NO
G71DBA	MW-71	09/27/1999	PROFILE	170.00	175.00	10.00	15.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G71DBA	MW-71	09/27/1999	PROFILE	170.00	175.00	10.00	15.00	8330N	NITROGLYCERIN	NO
G71DBA	MW-71	09/27/1999	PROFILE	170.00	175.00	10.00	15.00	8330N	PICRIC ACID	NO
G71DBA	MW-71	09/27/1999	PROFILE	170.00	175.00	10.00	15.00	OC21V	ACETONE	
G71DBA	MW-71	09/27/1999	PROFILE	170.00	175.00	10.00	15.00	OC21V	CHLOROFORM	
G71DBA	MW-71	09/27/1999	PROFILE	170.00	175.00	10.00	15.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G71DCA	MW-71	09/28/1999	PROFILE	180.00	185.00	20.00	25.00	OC21V	CHLOROFORM	
G71DEA	MW-71	09/28/1999	PROFILE	200.00	205.00	40.00	45.00	OC21V	CHLOROFORM	
G71DFA	MW-71	09/28/1999	PROFILE	210.00	215.00	50.00	55.00	OC21V	CHLOROFORM	
G71DGA	MW-71	09/28/1999	PROFILE	220.00	225.00	60.00	65.00	OC21V	CHLOROFORM	
G71DHA	MW-71	09/28/1999	PROFILE	230.00	235.00	70.00	75.00	OC21V	CHLOROFORM	
G71DIA	MW-71	09/28/1999	PROFILE	240.00	245.00	80.00	85.00	OC21V	CHLOROFORM	
G71DJA	MW-71	09/29/1999	PROFILE	250.00	255.00	90.00	95.00	OC21V	CHLOROFORM	
G71DKA	MW-71	09/29/1999	PROFILE	260.00	265.00	100.00	105.00	OC21V	CHLOROFORM	
G71DLA	MW-71	09/29/1999	PROFILE	270.00	285.00	110.00	125.00	OC21V	CHLOROFORM	
G71DMA	MW-71	09/30/1999	PROFILE	280.00	285.00	120.00	125.00	OC21V	CHLOROFORM	
G81DPA	MW-81	08/16/1999	PROFILE	180.00	185.00	151.50	156.50	OC21V	CHLOROFORM	
G81DQA	MW-81	08/16/1999	PROFILE	190.00	195.00	161.50	166.50	OC21V	CHLOROFORM	
G81DRA	MW-81	08/16/1999	PROFILE	200.00	205.00	171.50	176.50	OC21V	CHLOROFORM	

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G81DSA	MW-81	08/16/1999	PROFILE	210.00	215.00	181.50	186.50	OC21V	CHLOROFORM	
G81DTA	MW-81	08/16/1999	PROFILE	220.00	225.00	191.50	196.50	OC21V	CHLOROFORM	
G81DUA	MW-81	08/16/1999	PROFILE	230.00	235.00	201.50	206.50	8330N	3-NITROTOLUENE	NO
G81DUA	MW-81	08/16/1999	PROFILE	230.00	235.00	201.50	206.50	8330N	NITROGLYCERIN	NO
G82DAA	MW-82	08/17/1999	PROFILE	32.00	32.00	2.90	2.90	8330N	3-NITROTOLUENE	NO
G82DAA	MW-82	08/17/1999	PROFILE	32.00	32.00	2.90	2.90	8330N	NITROGLYCERIN	NO
G82DAA	MW-82	08/17/1999	PROFILE	32.00	32.00	2.90	2.90	OC21V	2-HEXANONE	
G82DAA	MW-82	08/17/1999	PROFILE	32.00	32.00	2.90	2.90	OC21V	ACETONE	
G82DAA	MW-82	08/17/1999	PROFILE	32.00	32.00	2.90	2.90	OC21V	CHLOROFORM	
G82DAA	MW-82	08/17/1999	PROFILE	32.00	32.00	2.90	2.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G82DAA	MW-82	08/17/1999	PROFILE	32.00	32.00	2.90	2.90	OC21V	TOLUENE	
G82DBA	MW-82	08/17/1999	PROFILE	40.00	45.00	10.90	15.90	8330N	3-NITROTOLUENE	NO
G82DBA	MW-82	08/17/1999	PROFILE	40.00	45.00	10.90	15.90	8330N	NITROGLYCERIN	NO
G82DBA	MW-82	08/17/1999	PROFILE	40.00	45.00	10.90	15.90	OC21V	2-HEXANONE	
G82DBA	MW-82	08/17/1999	PROFILE	40.00	45.00	10.90	15.90	OC21V	ACETONE	
G82DBA	MW-82	08/17/1999	PROFILE	40.00	45.00	10.90	15.90	OC21V	CHLOROFORM	
G82DBA	MW-82	08/17/1999	PROFILE	40.00	45.00	10.90	15.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G82DBA	MW-82	08/17/1999	PROFILE	40.00	45.00	10.90	15.90	OC21V	TOLUENE	
G82DCA	MW-82	08/17/1999	PROFILE	50.00	55.00	20.90	25.90	OC21V	ACETONE	
G82DCA	MW-82	08/17/1999	PROFILE	50.00	55.00	20.90	25.90	OC21V	CHLOROFORM	
G82DCA	MW-82	08/17/1999	PROFILE	50.00	55.00	20.90	25.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G82DCA	MW-82	08/17/1999	PROFILE	50.00	55.00	20.90	25.90	OC21V	TOLUENE	
G82DDA	MW-82	08/18/1999	PROFILE	60.00	65.00	30.90	35.90	OC21V	ACETONE	
G82DDA	MW-82	08/18/1999	PROFILE	60.00	65.00	30.90	35.90	OC21V	CHLOROFORM	
G82DDA	MW-82	08/18/1999	PROFILE	60.00	65.00	30.90	35.90	OC21V	TOLUENE	
G82DEA	MW-82	08/18/1999	PROFILE	70.00	75.00	40.90	45.90	OC21V	ACETONE	
G82DEA	MW-82	08/18/1999	PROFILE	70.00	75.00	40.90	45.90	OC21V	CHLOROFORM	
G82DEA	MW-82	08/18/1999	PROFILE	70.00	75.00	40.90	45.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G82DEA	MW-82	08/18/1999	PROFILE	70.00	75.00	40.90	45.90	OC21V	TOLUENE	
G82DFA	MW-82	08/18/1999	PROFILE	80.00	85.00	50.90	55.90	OC21V	ACETONE	
G82DFA	MW-82	08/18/1999	PROFILE	80.00	85.00	50.90	55.90	OC21V	CHLOROFORM	
G82DFA	MW-82	08/18/1999	PROFILE	80.00	85.00	50.90	55.90	OC21V	TOLUENE	

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/99-9/30/99

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G82DGA	MW-82	08/18/1999	PROFILE	90.00	95.00	60.90	65.90	OC21V	ACETONE	
G82DGA	MW-82	08/18/1999	PROFILE	90.00	95.00	60.90	65.90	OC21V	CHLOROFORM	
G82DGA	MW-82	08/18/1999	PROFILE	90.00	95.00	60.90	65.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G82DGA	MW-82	08/18/1999	PROFILE	90.00	95.00	60.90	65.90	OC21V	TOLUENE	
G82DHA	MW-82	08/18/1999	PROFILE	100.00	105.00	70.90	75.90	OC21V	ACETONE	
G82DHA	MW-82	08/18/1999	PROFILE	100.00	105.00	70.90	75.90	OC21V	CHLOROFORM	
G82DHA	MW-82	08/18/1999	PROFILE	100.00	105.00	70.90	75.90	OC21V	TOLUENE	
G82DIA	MW-82	08/18/1999	PROFILE	110.00	115.00	80.90	85.90	OC21V	CHLOROFORM	
G82DKA	MW-82	08/20/1999	PROFILE	130.00	135.00	100.90	105.90	OC21V	CHLOROFORM	
G82DLA	MW-82	08/23/1999	PROFILE	140.00	145.00	110.90	115.90	OC21V	CHLOROFORM	
G82DNA	MW-82	08/23/1999	PROFILE	160.00	165.00	130.90	135.90	OC21V	CHLOROFORM	
G82DND	MW-82	08/23/1999	PROFILE	160.00	165.00	130.90	135.90	OC21V	CHLOROFORM	
G83DAA	MW-83	08/18/1999	PROFILE	37.00	42.00	0.00	5.00	OC21V	ACETONE	
G83DAA	MW-83	08/18/1999	PROFILE	37.00	42.00	0.00	5.00	OC21V	CHLOROFORM	
G83DAA	MW-83	08/18/1999	PROFILE	37.00	42.00	0.00	5.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G83DAA	MW-83	08/18/1999	PROFILE	37.00	42.00	0.00	5.00	OC21V	TOLUENE	
G83DBA	MW-83	08/18/1999	PROFILE	50.00	55.00	13.00	18.00	OC21V	ACETONE	
G83DBA	MW-83	08/18/1999	PROFILE	50.00	55.00	13.00	18.00	OC21V	CHLOROFORM	
G83DBA	MW-83	08/18/1999	PROFILE	50.00	55.00	13.00	18.00	OC21V	TOLUENE	
G83DCA	MW-83	08/19/1999	PROFILE	60.00	65.00	23.00	28.00	OC21V	CHLOROFORM	
G83DCA	MW-83	08/19/1999	PROFILE	60.00	65.00	23.00	28.00	OC21V	TOLUENE	
G83DDA	MW-83	08/19/1999	PROFILE	70.00	75.00	33.00	38.00	OC21V	CHLOROFORM	
G83DDA	MW-83	08/19/1999	PROFILE	70.00	75.00	33.00	38.00	OC21V	TOLUENE	
G83DEA	MW-83	08/19/1999	PROFILE	80.00	85.00	43.00	48.00	OC21V	CHLOROFORM	
G83DEA	MW-83	08/19/1999	PROFILE	80.00	85.00	43.00	48.00	OC21V	TOLUENE	
G83DFA	MW-83	08/19/1999	PROFILE	90.00	95.00	53.00	58.00	OC21V	CHLOROFORM	
G83DFA	MW-83	08/19/1999	PROFILE	90.00	95.00	53.00	58.00	OC21V	TOLUENE	
G83DGA	MW-83	08/19/1999	PROFILE	100.00	105.00	63.00	68.00	OC21V	CHLOROFORM	
G83DGA	MW-83	08/19/1999	PROFILE	100.00	105.00	63.00	68.00	OC21V	TOLUENE	
G83DHA	MW-83	08/19/1999	PROFILE	110.00	115.00	73.00	78.00	OC21V	TOLUENE	
G83DIA	MW-83	08/19/1999	PROFILE	120.00	125.00	83.00	88.00	OC21V	CHLOROFORM	
G83DJA	MW-83	08/19/1999	PROFILE	130.00	135.00	93.00	98.00	OC21V	CHLOROFORM	

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(UNVALIDATED)
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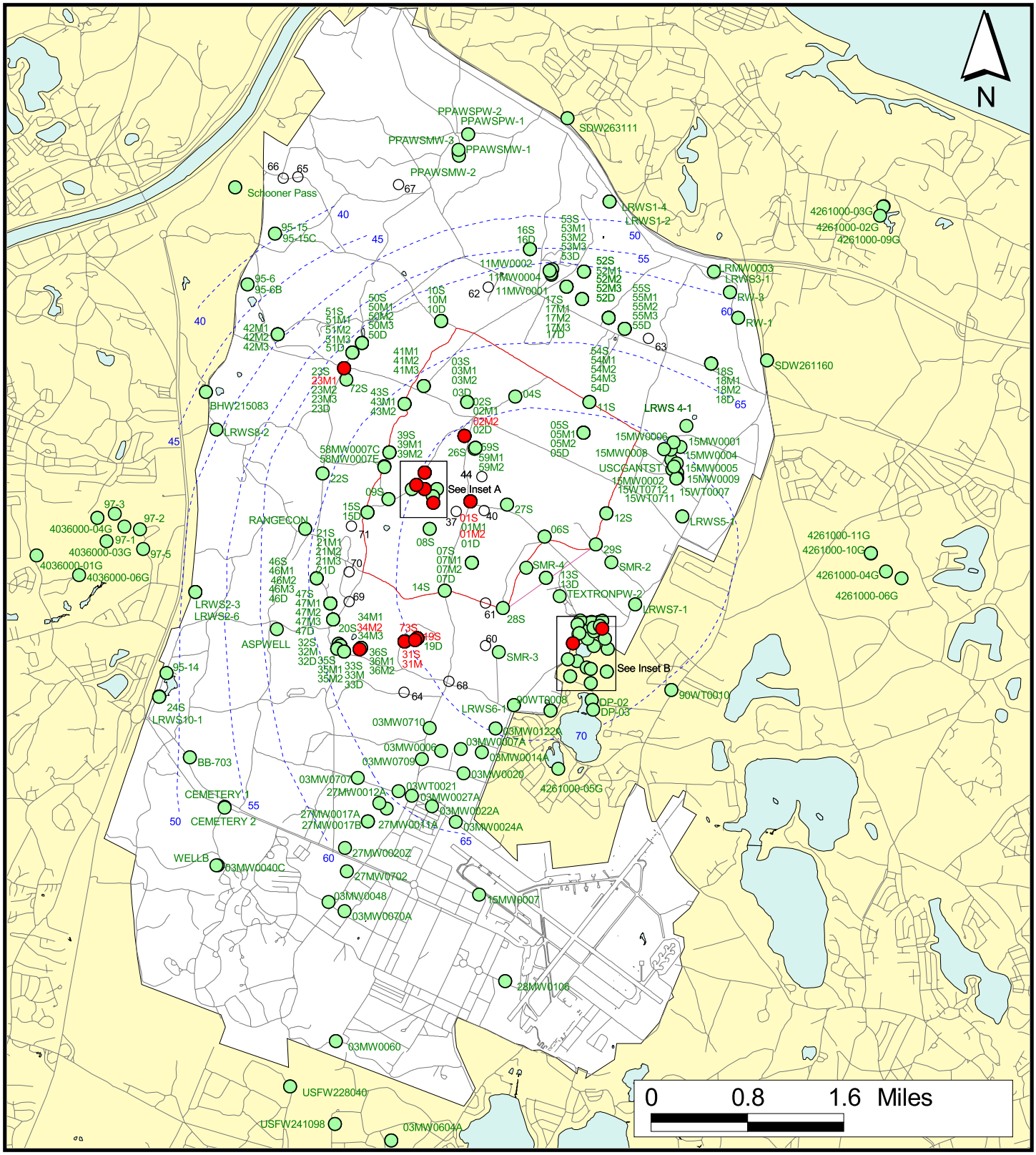
OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G83DKA	MW-83	08/19/1999	PROFILE	140.00	145.00	103.00	108.00	OC21V	CHLOROFORM	
G83DLA	MW-83	08/20/1999	PROFILE	150.00	155.00	113.00	118.00	OC21V	CHLOROFORM	
G83DMA	MW-83	08/20/1999	PROFILE	160.00	165.00	123.00	128.00	8330N	PICRIC ACID	NO
G83DNA	MW-83	08/20/1999	PROFILE	170.00	175.00	133.00	138.00	OC21V	ACETONE	
G83DOA	MW-83	08/23/1999	PROFILE	180.00	185.00	143.00	148.00	8330N	3-NITROTOLUENE	NO
G83DOA	MW-83	08/23/1999	PROFILE	180.00	185.00	143.00	148.00	8330N	PICRIC ACID	NO
G83DOA	MW-83	08/23/1999	PROFILE	180.00	185.00	143.00	148.00	OC21V	STYRENE	
G83DOA	MW-83	08/23/1999	PROFILE	180.00	185.00	143.00	148.00	OC21V	TOLUENE	
G83DPA	MW-83	08/23/1999	PROFILE	190.00	195.00	153.00	158.00	OC21V	ACETONE	
G83DPA	MW-83	08/23/1999	PROFILE	190.00	195.00	153.00	158.00	OC21V	TOLUENE	
G84DAA	MW-84	08/25/1999	PROFILE	40.00	45.00	1.15	6.15	OC21V	ACETONE	
G84DBA	MW-84	08/25/1999	PROFILE	50.00	55.00	11.15	16.15	OC21V	CHLOROFORM	
G84DCA	MW-84	08/25/1999	PROFILE	60.00	65.00	21.15	26.15	OC21V	CHLOROFORM	
G84DDA	MW-84	08/25/1999	PROFILE	70.00	75.00	31.15	36.15	OC21V	CHLOROFORM	
G84DEA	MW-84	08/25/1999	PROFILE	80.00	85.00	41.15	46.15	OC21V	CHLOROFORM	
G84DFA	MW-84	08/25/1999	PROFILE	90.00	95.00	51.15	56.15	OC21V	CHLOROFORM	
G84DGA	MW-84	08/26/1999	PROFILE	100.00	105.00	61.15	66.15	OC21V	CHLOROFORM	
G84DHA	MW-84	08/26/1999	PROFILE	110.00	115.00	71.15	76.15	OC21V	CHLOROFORM	
G84DIA	MW-84	08/26/1999	PROFILE	120.00	125.00	81.15	86.15	OC21V	CHLOROFORM	
G84DJA	MW-84	08/26/1999	PROFILE	130.00	135.00	91.15	96.15	OC21V	CHLOROFORM	
G84DKA	MW-84	08/26/1999	PROFILE	140.00	145.00	101.15	106.15	OC21V	CHLOROFORM	
G84DLA	MW-84	08/26/1999	PROFILE	150.00	155.00	111.15	116.15	OC21V	CHLOROFORM	
G84DMA	MW-84	08/27/1999	PROFILE	160.00	165.00	121.15	126.15	OC21V	CHLOROFORM	
G84DNA	MW-84	08/27/1999	PROFILE	170.00	175.00	131.15	136.15	OC21V	CHLOROFORM	
G84DOA	MW-84	08/27/1999	PROFILE	180.00	185.00	141.15	146.15	OC21V	CHLOROFORM	
G84DPA	MW-84	08/27/1999	PROFILE	190.00	195.00	151.15	156.15	OC21V	CHLOROFORM	
G84DQA	MW-84	08/27/1999	PROFILE	200.00	205.00	161.15	166.15	OC21V	CHLOROFORM	
G84DRA	MW-84	08/30/1999	PROFILE	208.00	213.00	169.15	174.15	OC21V	ACETONE	

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



Sources & Notes

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

Legend

- Validated Data GTE MCL/HAs
- Validated Data LT MCL/HAs
- No Data Available

Figure 1
Explosives in Groundwater
Compared to MCL/HAs
Validated Data As Of 9/28/99

Analyte Group
1

October 8, 1999 DRAFT

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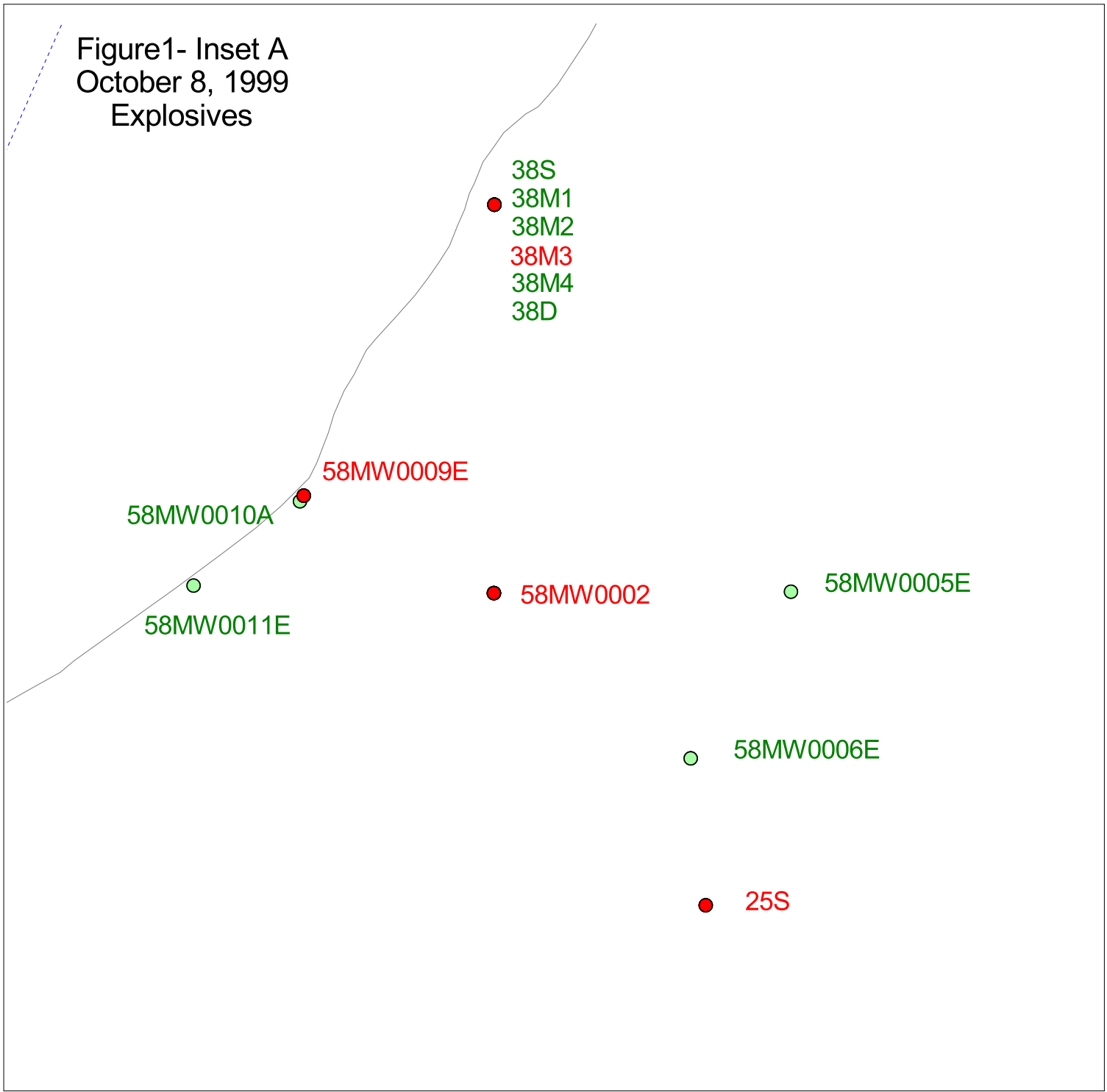


Figure1- Inset A
October 8, 1999
Explosives
38S
38M1
38M2
38M3
38M4
38D
58MW0009E
58MW0010A
58MW0011E
58MW0002
58MW0005E
58MW0006E
25S

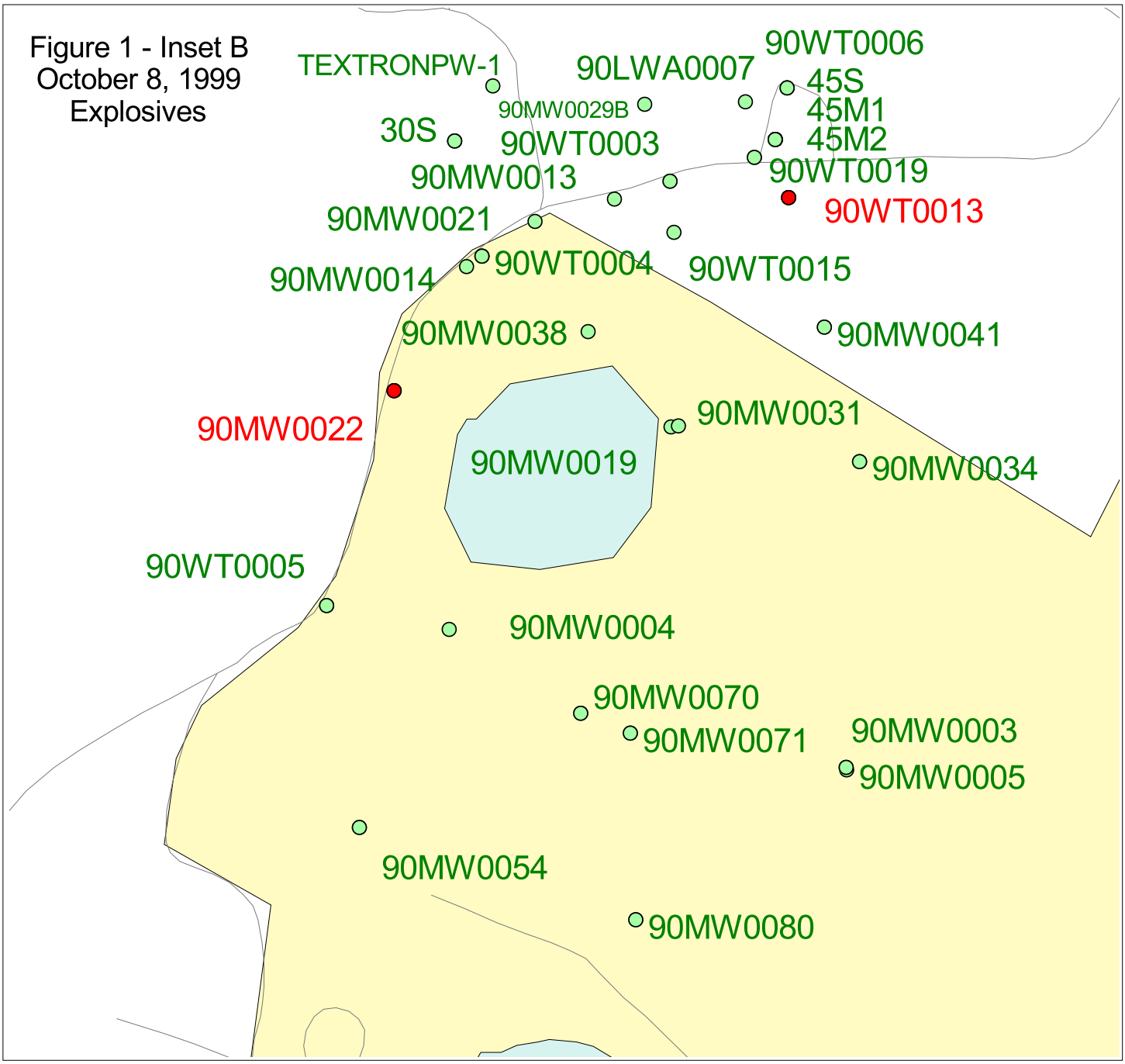
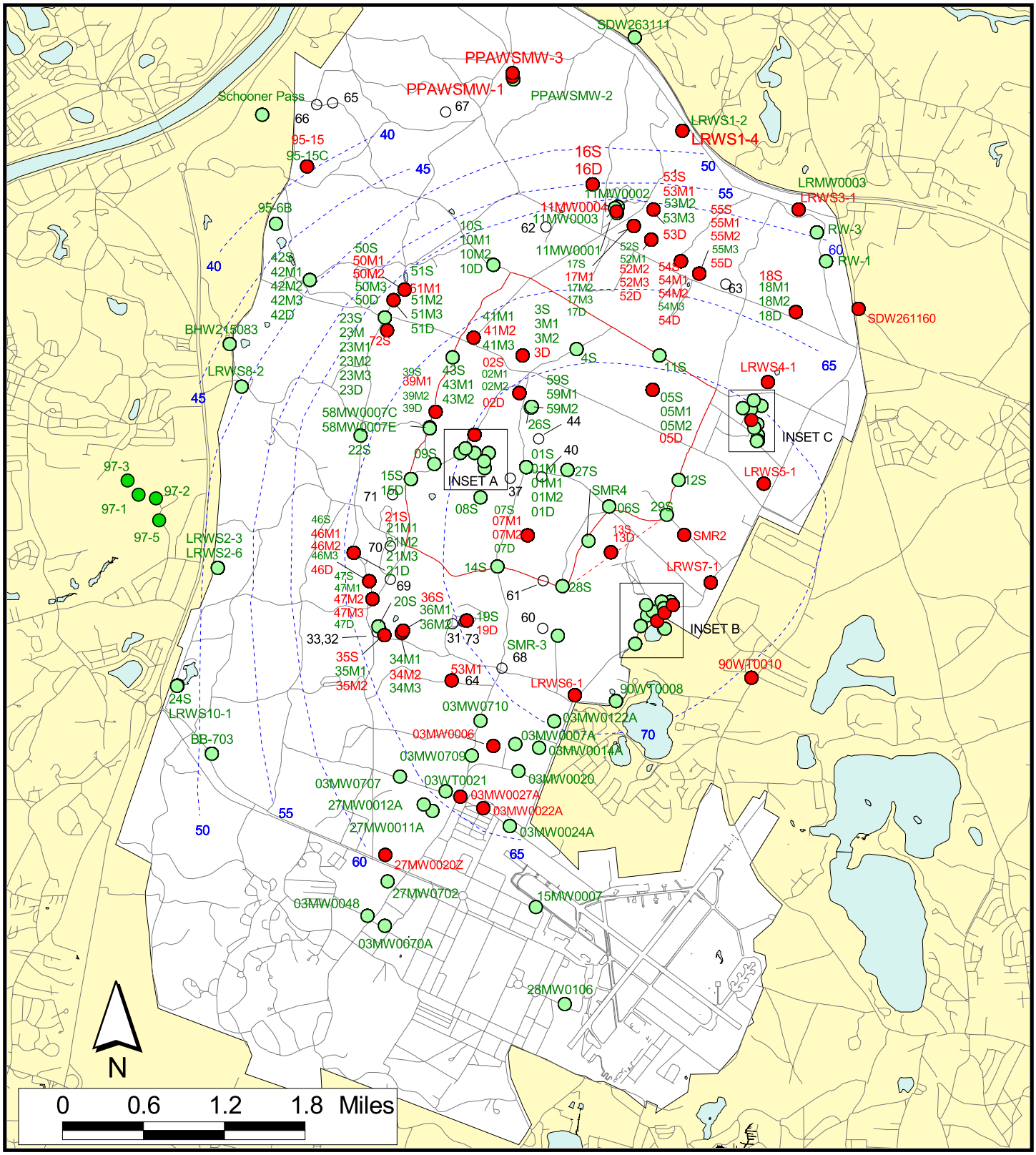


Figure 1 - Inset B
October 8, 1999
Explosives
TEXTRONPW-1
90LWA0007
90WT0006
45S
45M1
45M2
90MW0029B
30S
90WT0003
90MW0013
90WT0019
90WT0013
90MW0021
90MW0014
90WT0004
90WT0015
90MW0038
90MW0041
90MW0022
90MW0031
90MW0019
90MW0034
90WT0005
90MW0004
90MW0070
90MW0071
90MW0003
90MW0005
90MW0054
90MW0080



Sources & Notes

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

Legend

- Validated Data GTE MCL/HAs
- Validated Data LT MCL/HAs
- No Data Available

Figure 2
Metals in Groundwater Compared to MCL/HAs Validated Data As Of 9/28/99

Analyte Group 2

October 08, 1999 DRAFT

L:\MMR\GIS\October99\Monthly Maps\Metal MCL Detects - 1999 Data

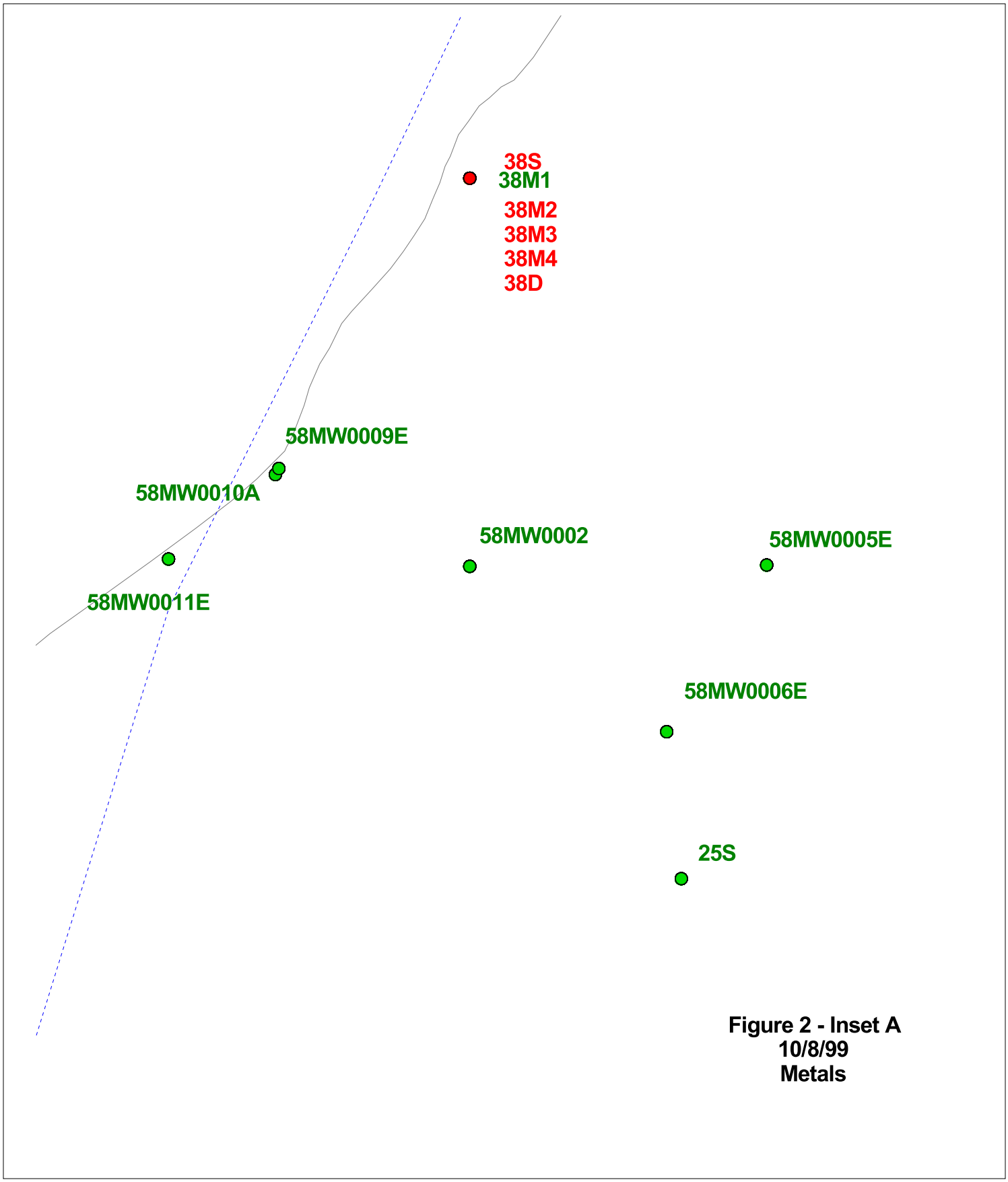


Figure 2 - Inset A
10/8/99
Metals

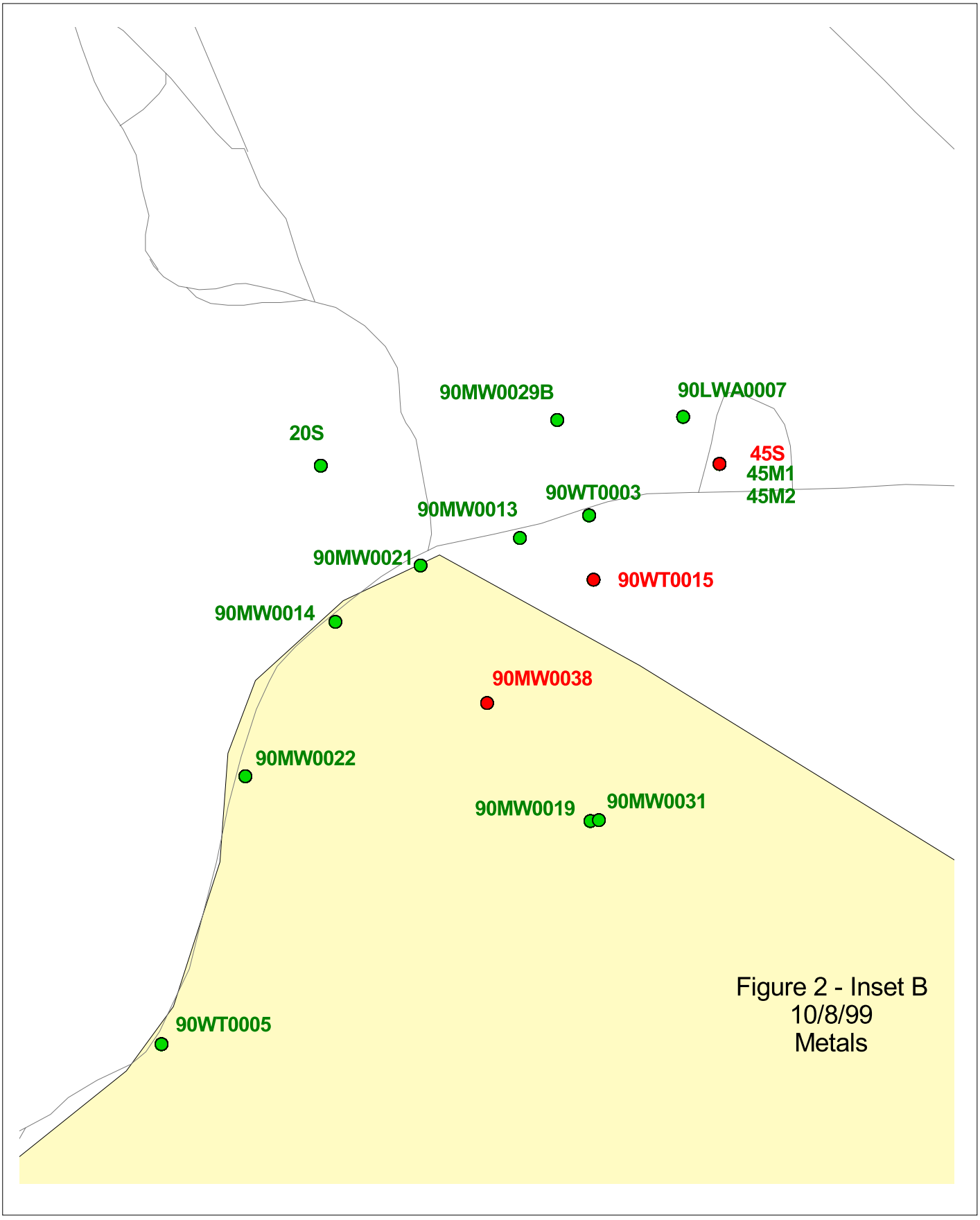


Figure 2 - Inset B
10/8/99
Metals

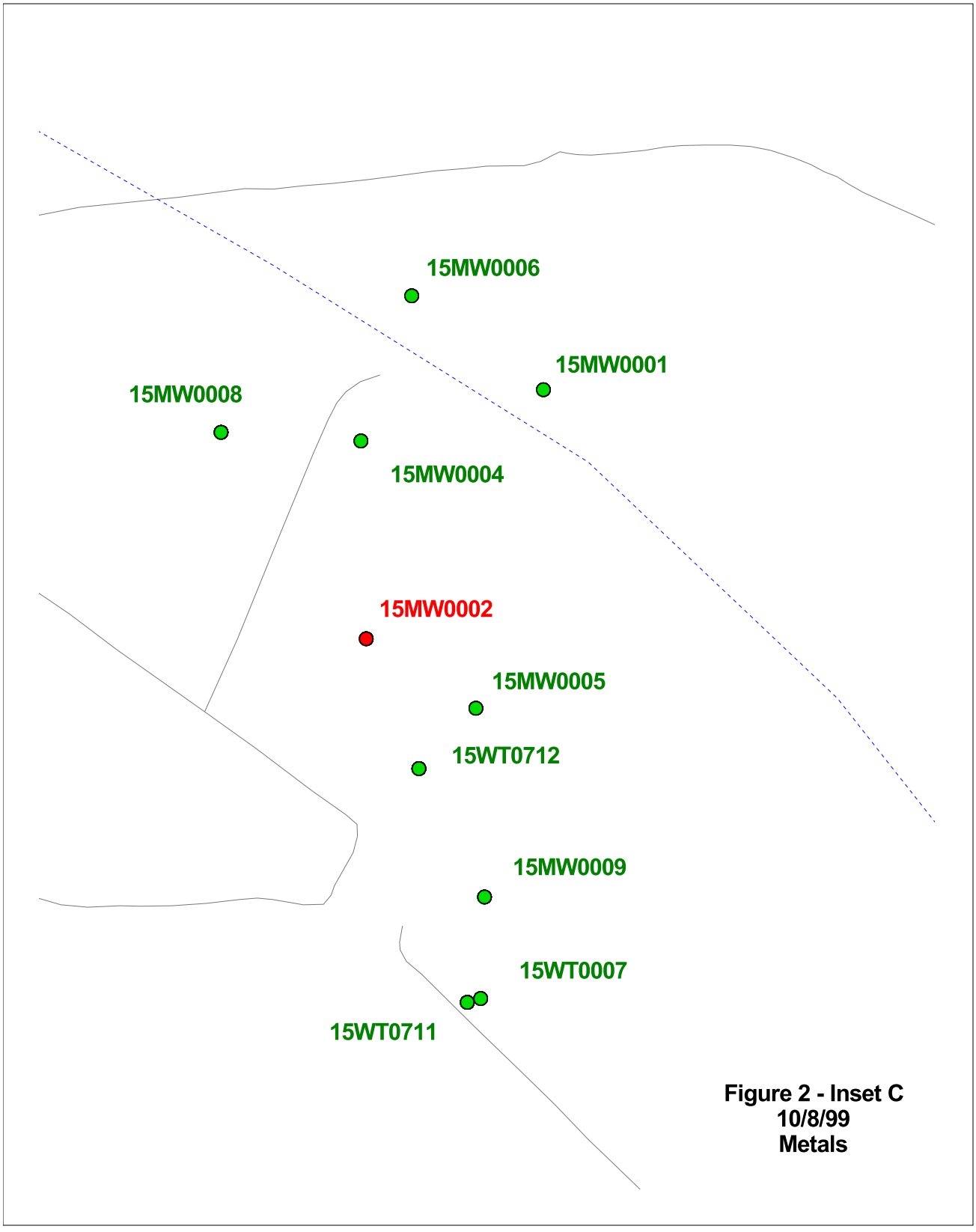
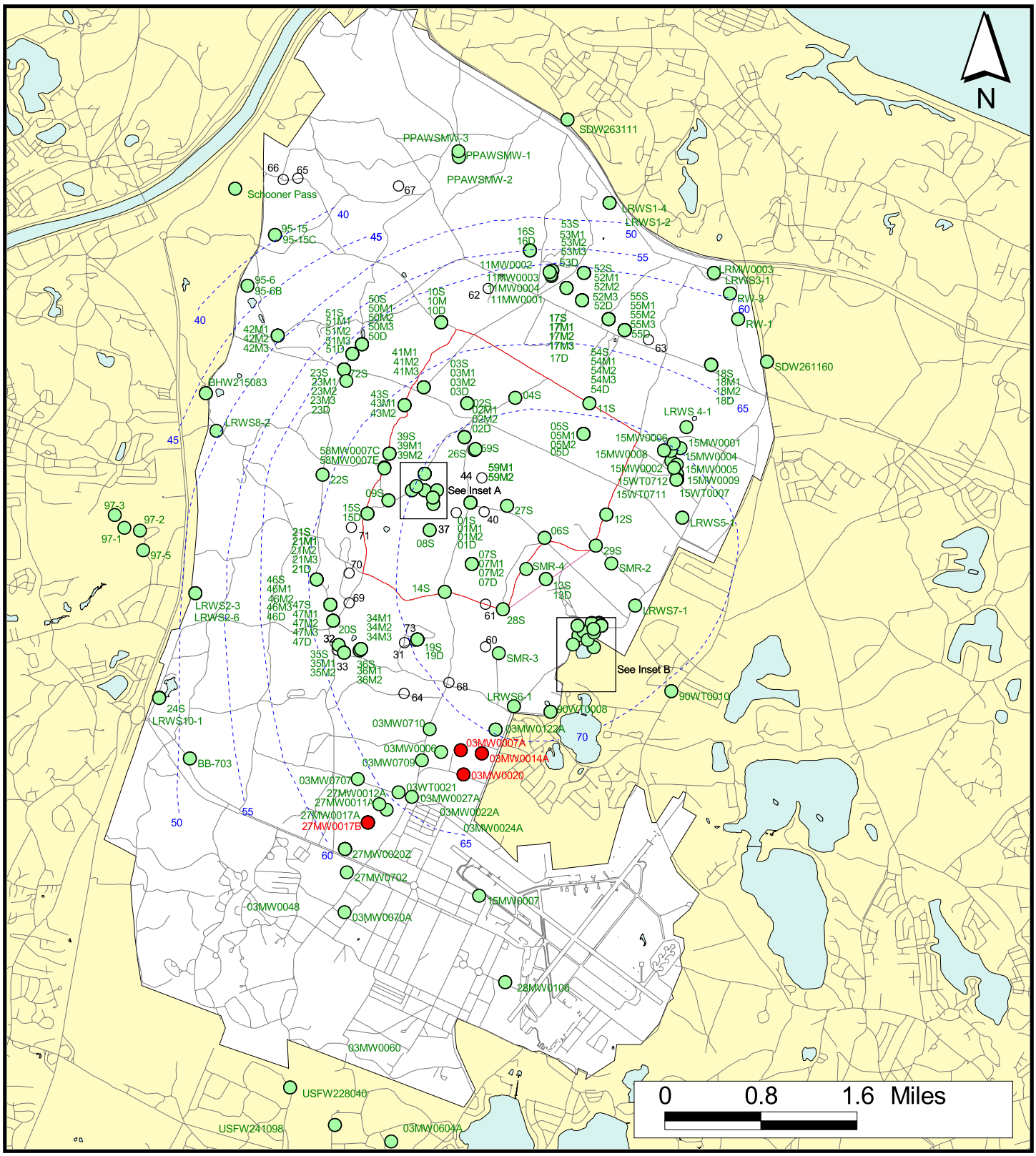


Figure 2 - Inset C
10/8/99
Metals



Sources & Notes

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

Legend

- Validated Data GTE MCL/HAs
- Validated Data LT MCL/HAs
- No Data Available

Figure 3
VOCs in Groundwater
Compared To MCL/HAs
Validated Data As Of 9/28/99

Analyte Group
3

October 8, 1999 DRAFT

L:\MMR\GIS\October99\Monthly Maps\VOC GTE MCL\HA

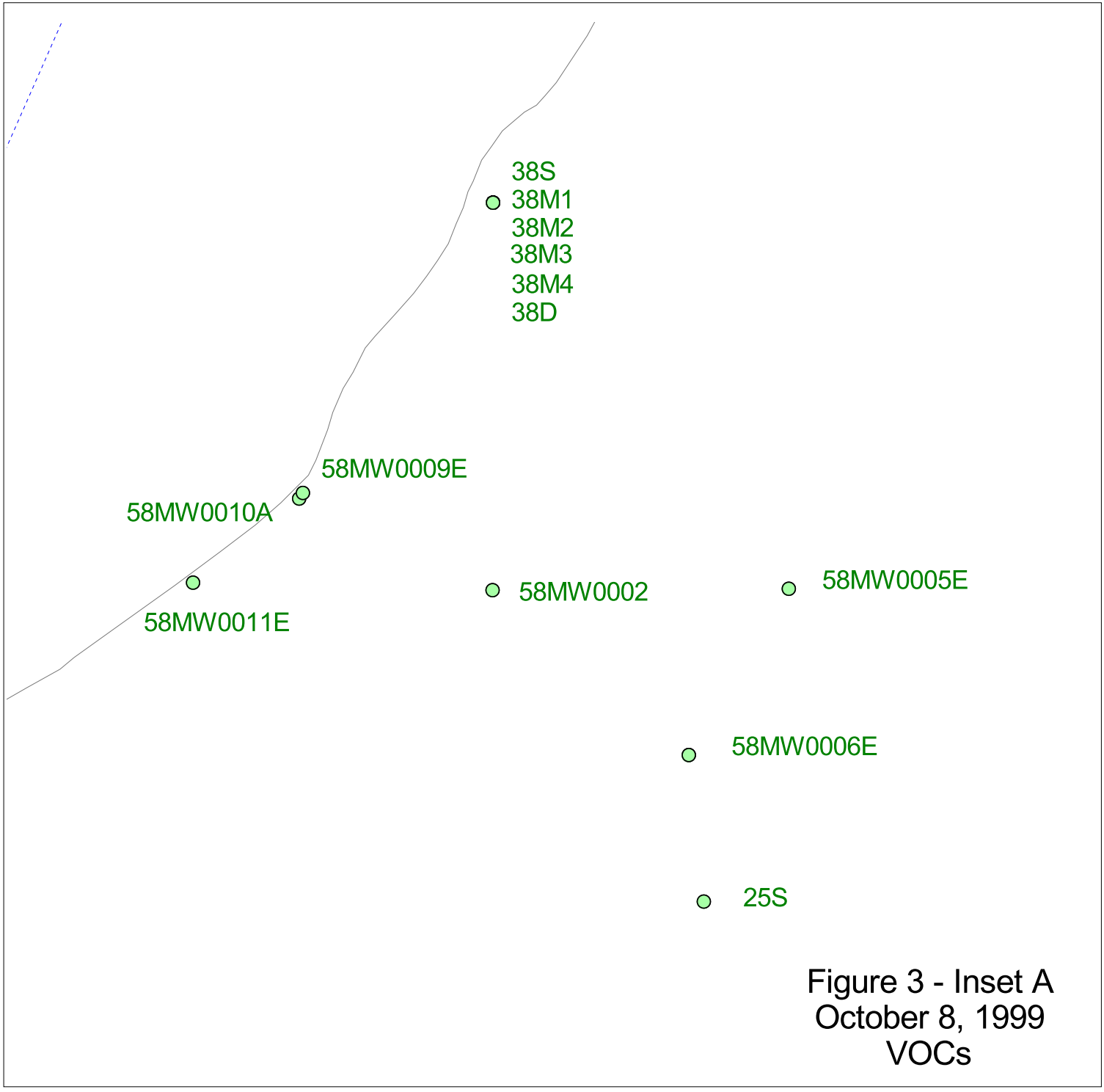


Figure 3 - Inset A
October 8, 1999
VOCs

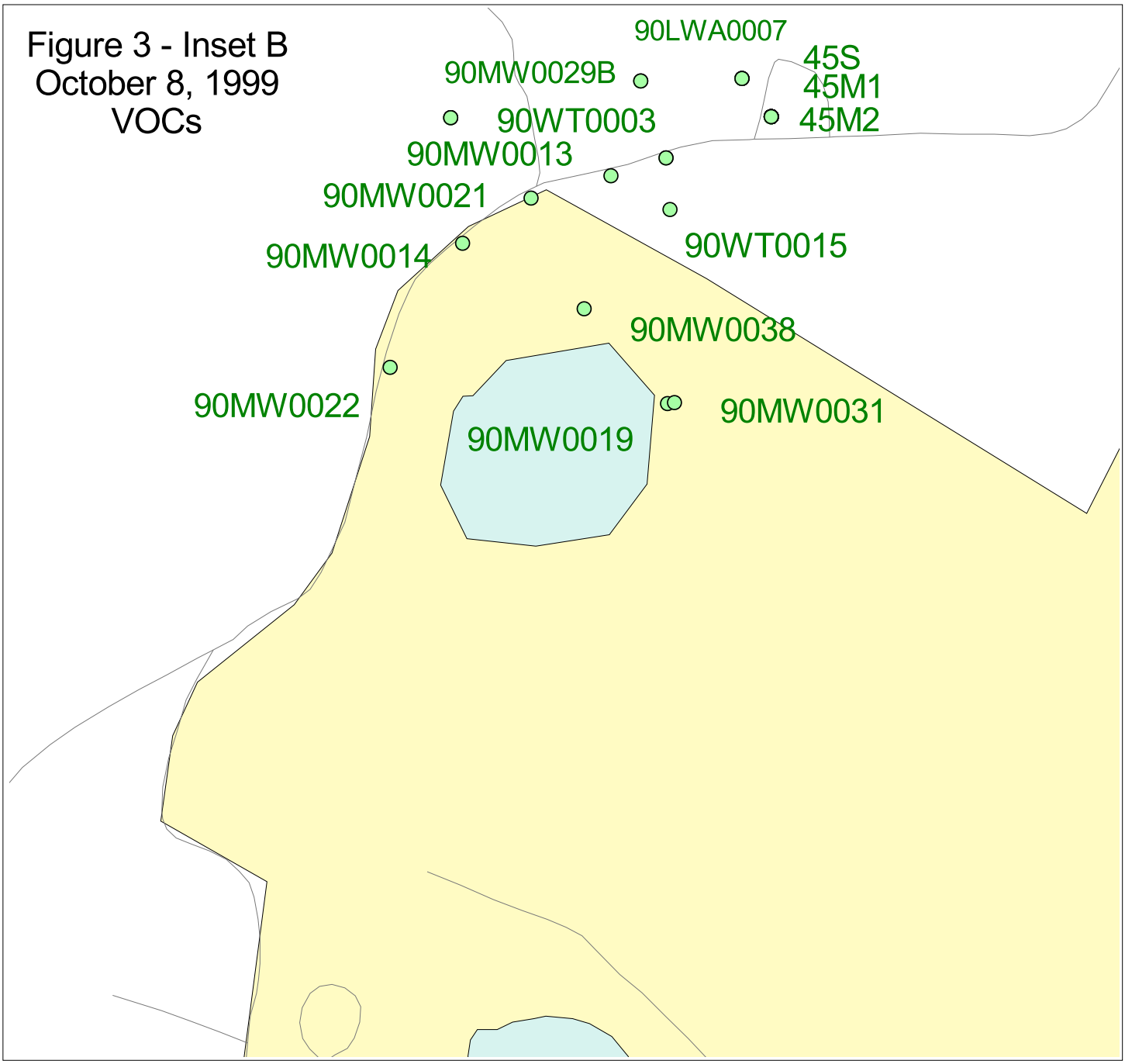
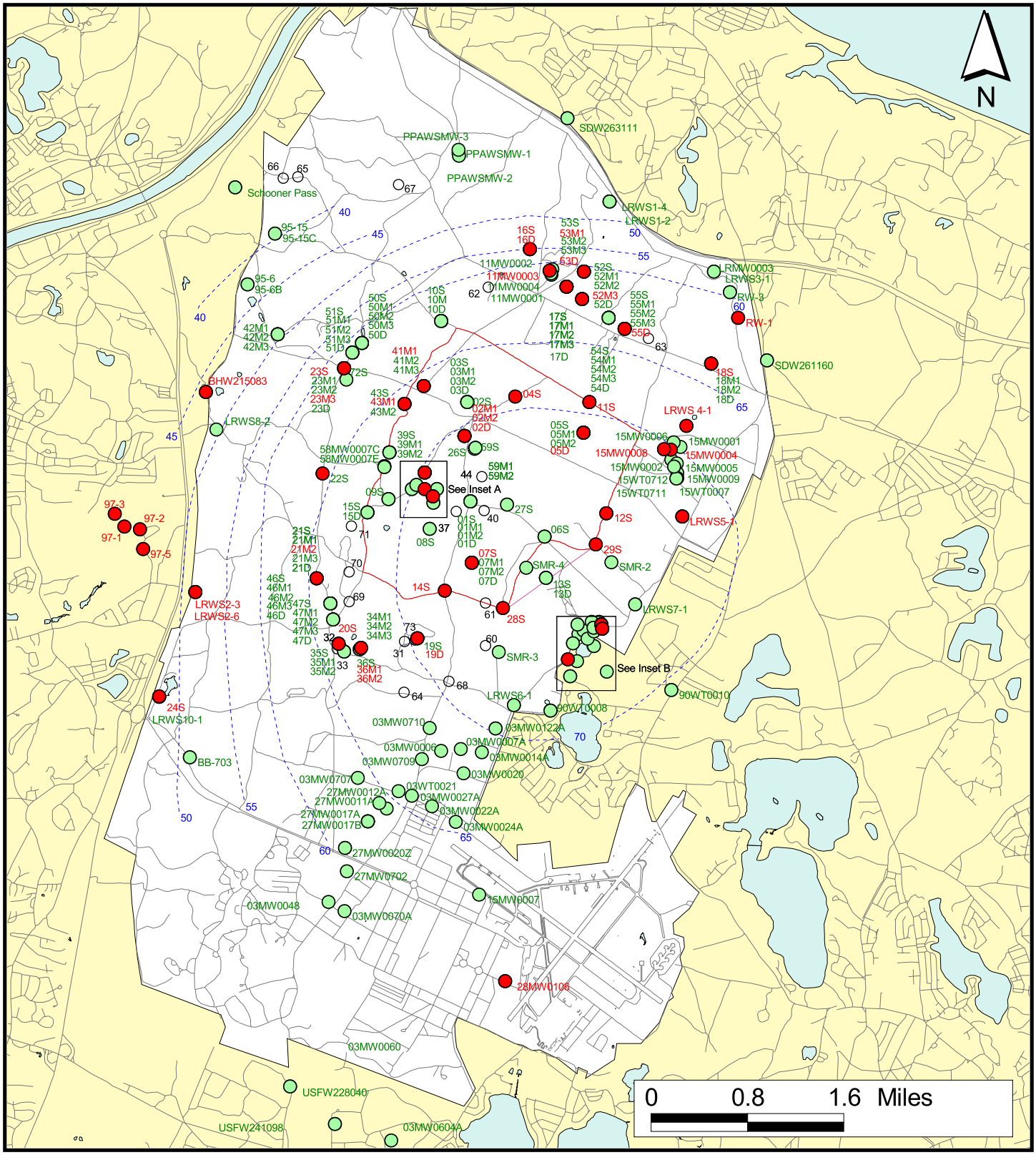


Figure 3 - Inset B
October 8, 1999
VOCs
90LWA0007
90MW0029B
45S
45M1
45M2
90WT0003
90MW0013
90MW0021
90WT0015
90MW0014
90MW0038
90MW0022
90MW0031
90MW0019



Sources & Notes

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

Legend

- Validated Data GTE MCL/HAs
- Validated Data LT MCL/HAs
- No Data Available

Figure 4
SVOCs in Groundwater
Compared To MCL/HAs
Validated Data As Of 9/28/99

Analyte Group
4

October 8, 1999 DRAFT

L:\MMR\GIS\October99\Monthly Maps\SVOC GTE MCL\HA

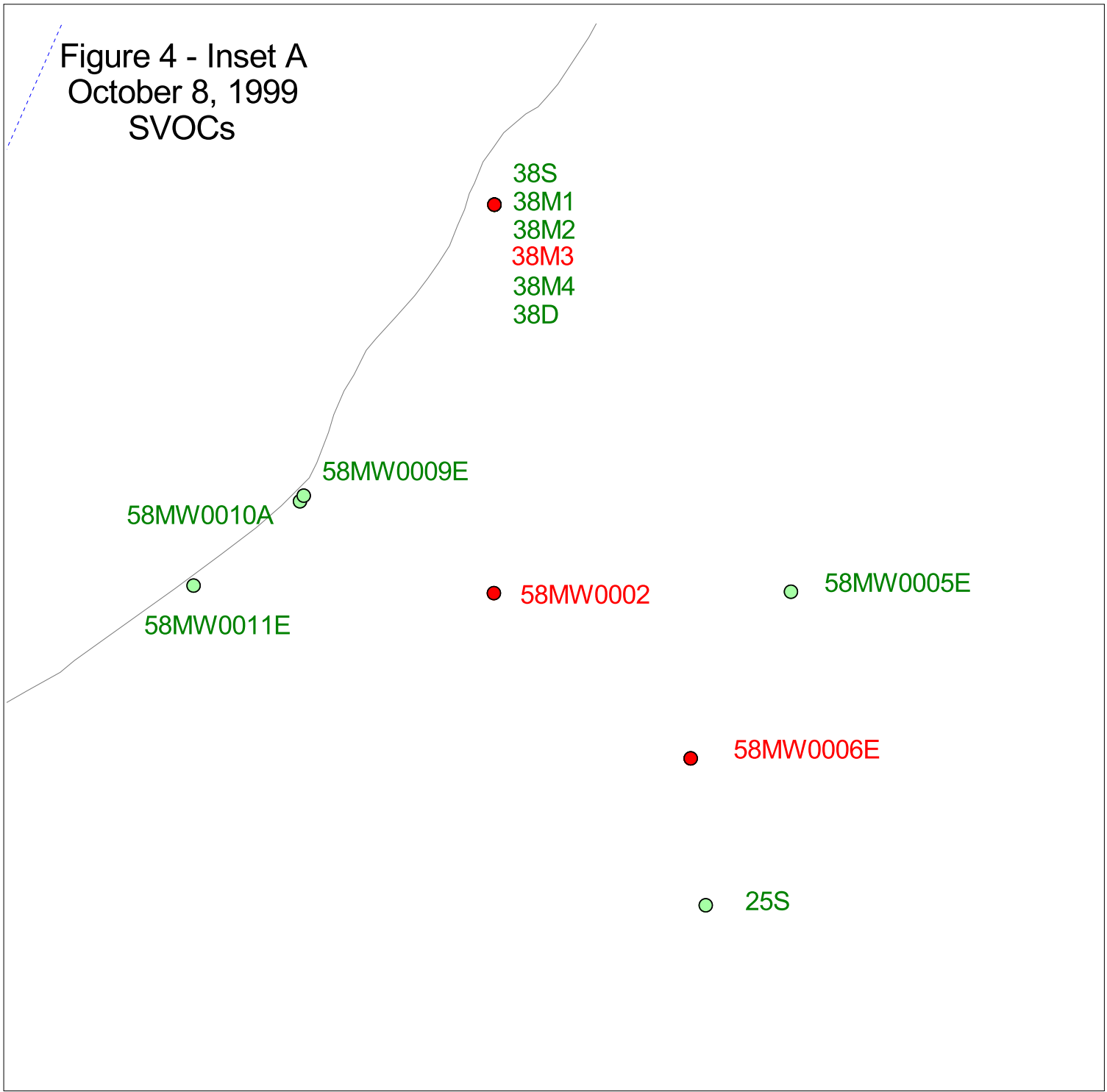


Figure 4 - Inset A
October 8, 1999
SVOCs
38S
38M1
38M2
38M3
38M4
38D
58MW0009E
58MW0010A
58MW0011E
58MW0002
58MW0005E
58MW0006E
25S

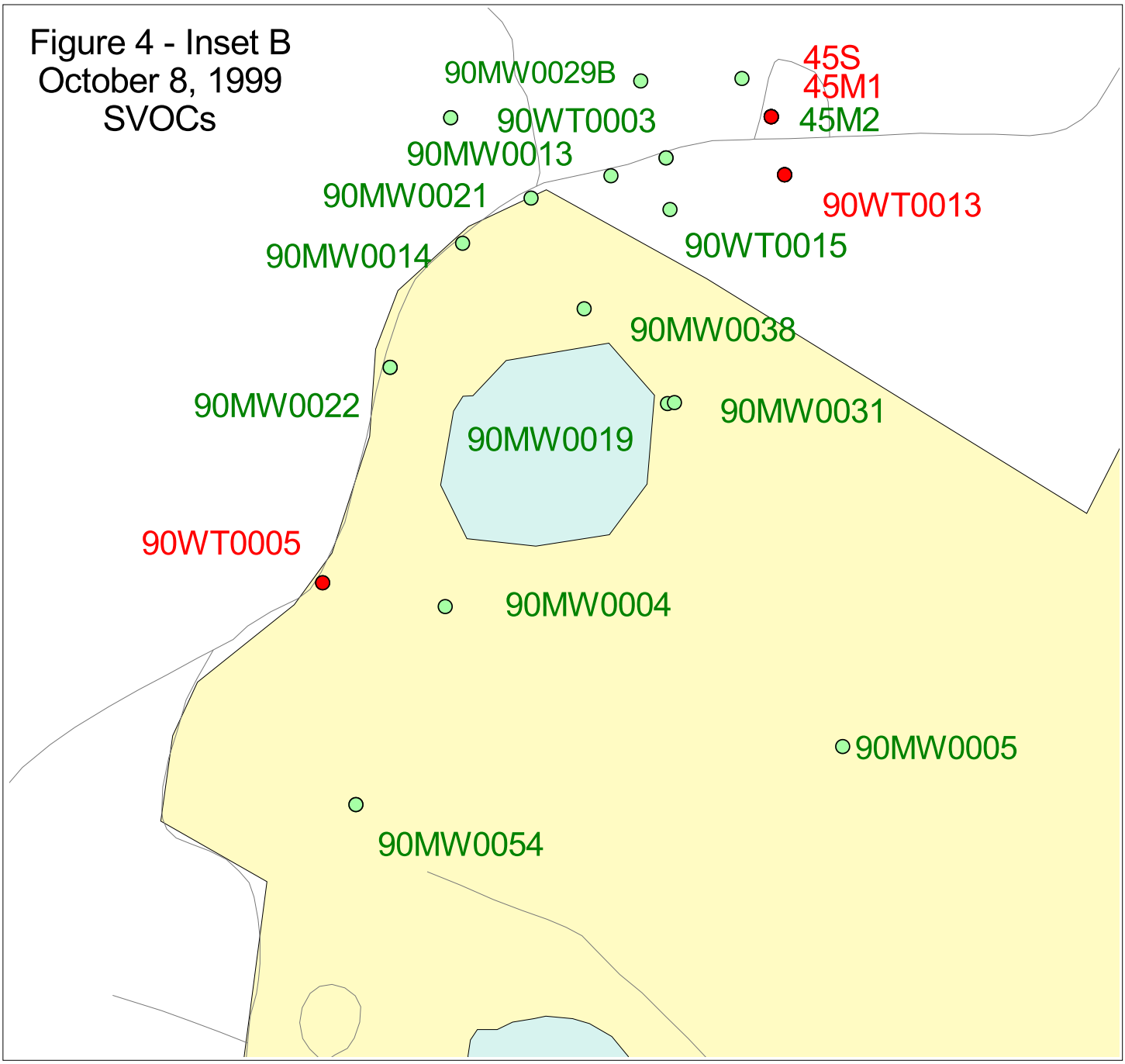
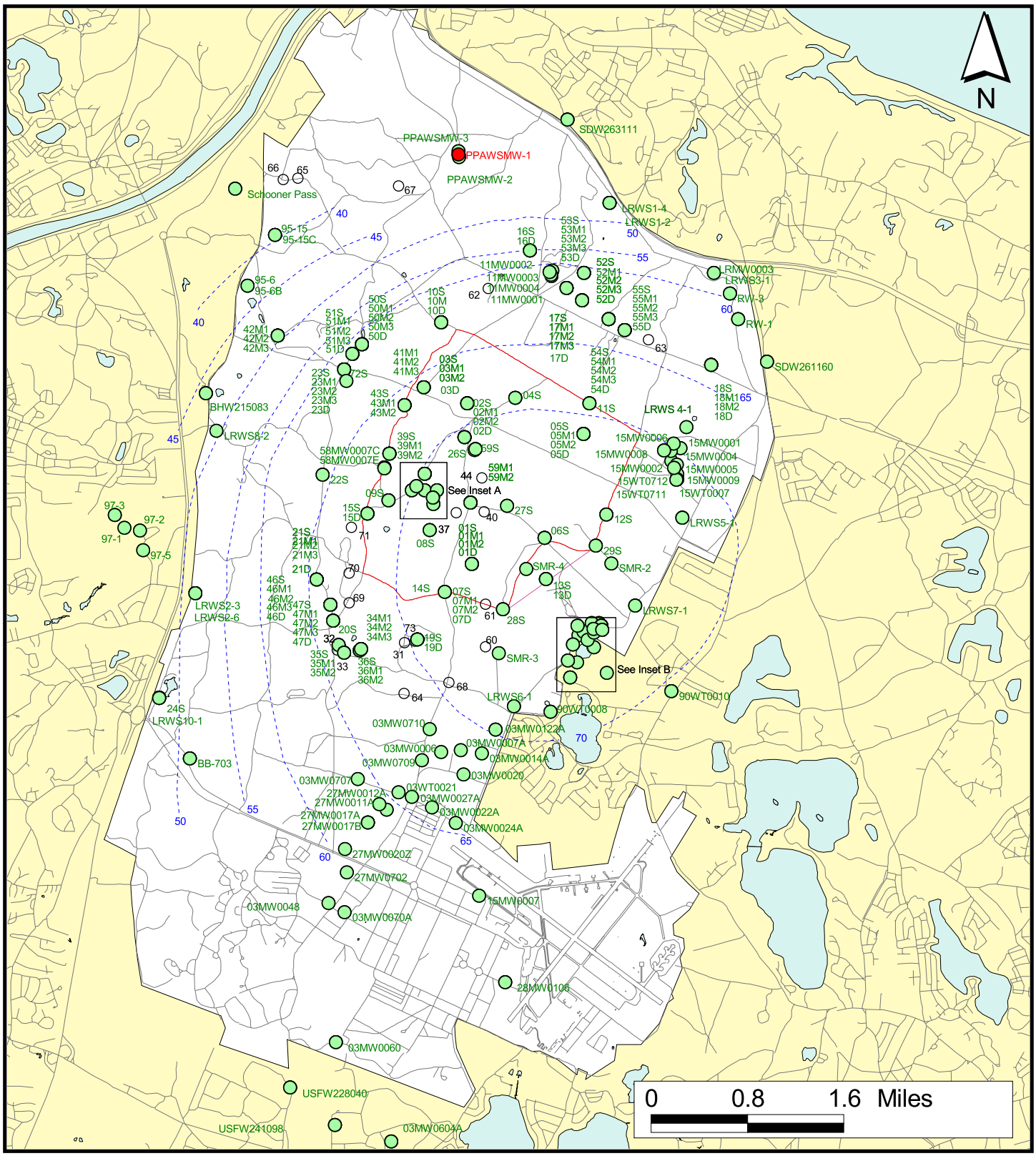


Figure 4 - Inset B
October 8, 1999
SVOCs
90MW0029B
45S
45M1
45M2
90WT0003
90MW0013
90MW0021
90WT0013
90WT0015
90MW0014
90MW0038
90MW0022
90MW0031
90MW0019
90WT0005
90MW0004
90MW0005
90MW0054



Sources & Notes

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

Legend

- Validated Data GTE MCL/HAs
- Validated Data LT MCL/HAs
- No Data Available

Figure 5
Herbicides and Pesticides in Groundwater
Compared to MCL/HAs
Validated Data As Of 9/28/99

Analyte Group
5

October 8, 1999 DRAFT

L:\MMR\GIS\October99\Monthly Maps\HerbPest GTE MCL\HA

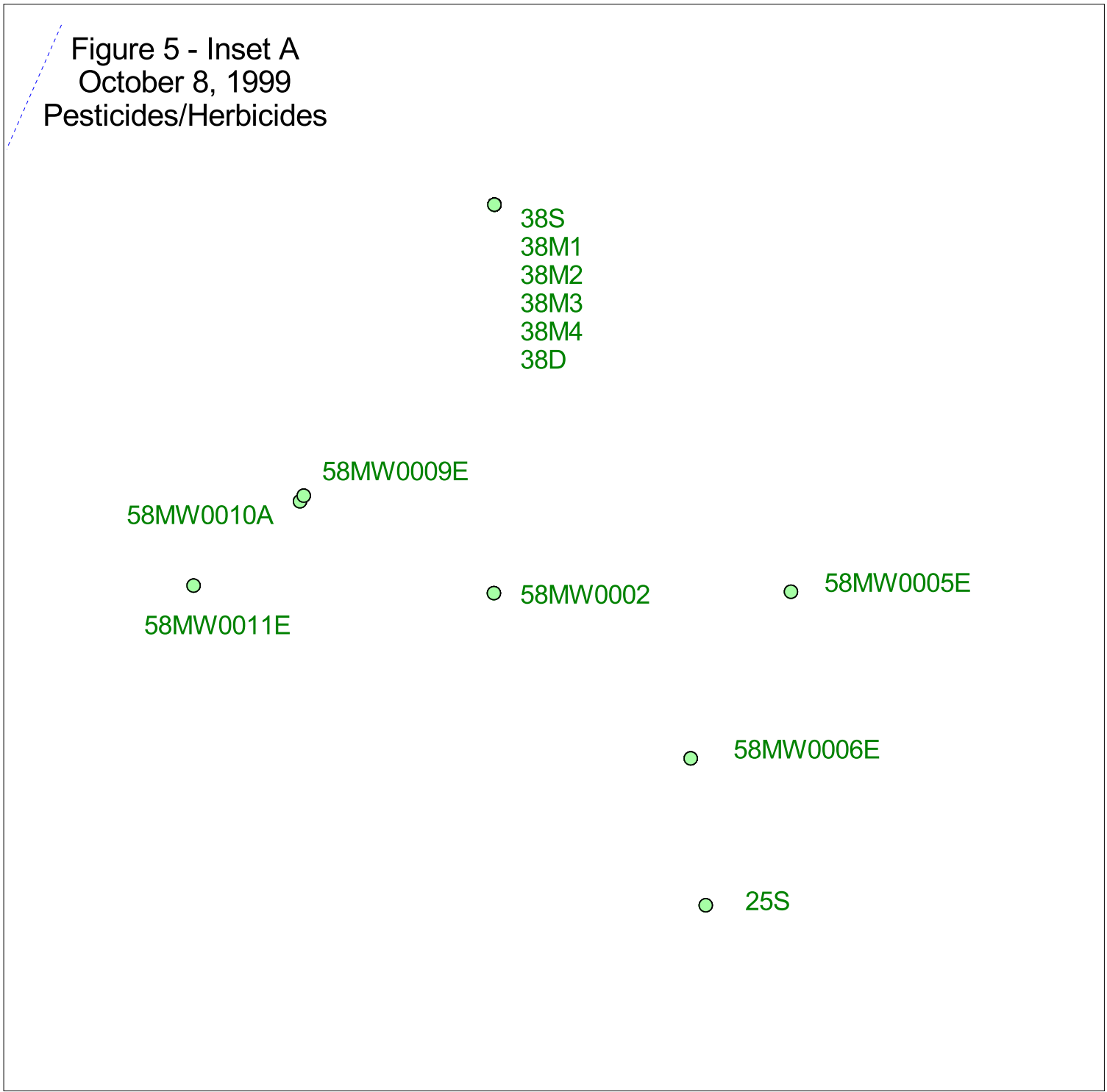


Figure 5 - Inset A
October 8, 1999
Pesticides/Herbicides
38S
38M1
38M2
38M3
38M4
38D
58MW0009E
58MW0010A
58MW0011E
58MW0002
58MW0005E
58MW0006E
25S

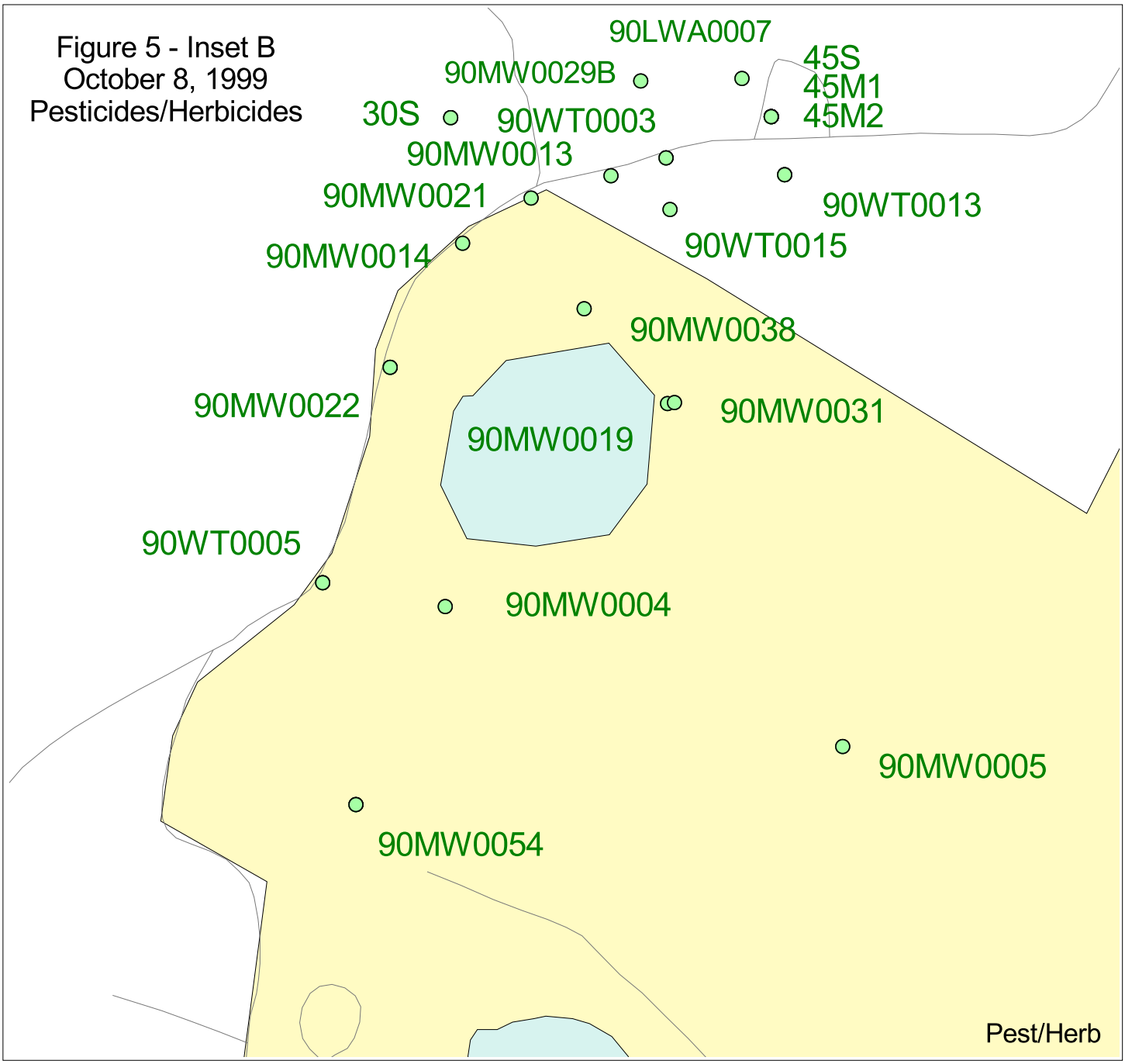
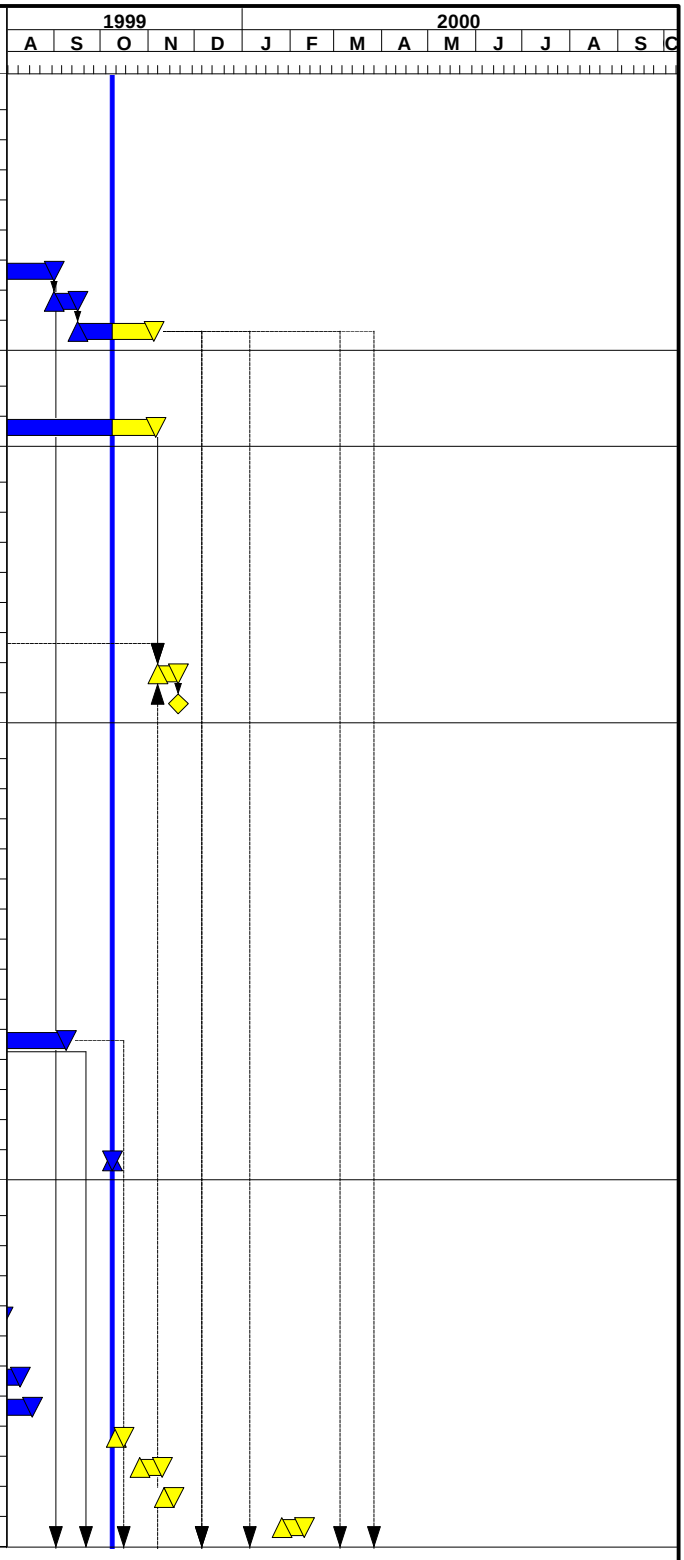


Figure 5 - Inset B
October 8, 1999
Pesticides/Herbicides
90LWA0007
45S
45M1
45M2
90MW0029B
30S
90WT0003
90MW0013
90MW0021
90WT0013
90WT0015
90MW0014
90MW0038
90MW0022
90MW0031
90MW0019
90WT0005
90MW0004
90MW0005
90MW0054
Pest/Herb

Activity Description	Early Start	Early Finish
1. Receive Funding		
Appropriation of money for NGB budget	26OCT98A	
NGB Contracting ($4M)	26OCT98A	18DEC98A
Procure Supplemental Funding ($1.4M)	21DEC98A	10FEB99A
Procure Supplemental Funding ($1.0M)	11FEB99A	16APR99A
Procure Supplemental Funding ($1.6M)	16APR99A	02JUN99A
Procure Supplemental Funding ($2.1M)	02JUN99A	31AUG99A
Procure Supplemental Funding ($2.9M)	01SEP99A	16SEP99A
Procure Supplemental Funding	17SEP99A	04NOV99
2. Evaluate Analytical Methods		
Complete Draft PEP Analytical Report	05NOV98A	30NOV98A
EPA Comments and Revisions	01DEC98A	05NOV99
3. Phase I Completion Workplan		
Prepare Phase I+ Workplan	13AUG98A	21AUG98A
Phase I+ Workplan due to EPA		21AUG98A
EPA Comments/Workplan Revisions	24AUG98A	06OCT98A
Submit Revised Workplan		06OCT98A
EPA Comments/Workplan Revisions	07OCT98A	29OCT98A
Submit Change Document		30OCT98A
Prepare Final Workplan	08NOV99	19NOV99
Submit Final Workplan		19NOV99
4. Phase I/II Installation of Wells		
Mobilization	21DEC98A	04JAN99A
USGS Modeling Well Screens	07JAN99A	01FEB99A
Prepare FSP for Far Field Wells	21DEC98A	12JAN99A
Review/Revise FSP for FF Wells	13JAN99A	12APR99A
Prepare FSP for Phase IIa Wells	21JAN99A	29JAN99A
Review/Revise FSP for Phase IIa Wells	01FEB99A	12APR99A
Install Group 1 FF Wells	06JAN99A	23MAR99A
Install Phase IIa Wells	01FEB99A	19APR99A
Mobilize for Group 2 FF Wells	02JUN99A	29JUN99A
Install Group 2 FF Wells	30JUN99A	08SEP99A
Synoptic water levels round 1	26JAN99A	26JAN99A
Synoptic water levels round 2	07APR99A	07APR99A
Synoptic water levels round 3	12JUL99A	12JUL99A
Synoptic water levels round 4	08OCT99A	08OCT99A
5. Phase I Sampling of Water Supply Wells		
Procure lab for SDWA parameters	21DEC98A	06JAN99A
Prepare QA/QC plan addendum	07JAN99A	02MAR99A
EPA review/comment	03MAR99A	10JUN99A
Sample (6a) MMR Wells DW/PEP	11JUN99A	27JUL99A
Setup split sampling for wells	08JAN99A	09JUL99A
Sample (6b) non-MMR wells PEP 1st Qtr	12JUL99A	09AUG99A
Sample (6c) MMR wells PEP 1st Qtr	12JUL99A	17AUG99A
Sample (6d) MMR wells DW/PEP 1st Yr	11OCT99	15OCT99*
Sample (6b) non-MMR wells PEP 2nd Qtr	27OCT99	09NOV99*
Sample (6c) MMR wells PEP 2nd Qtr	11NOV99	17NOV99*
Sample (6b) non-MMR wells PEP 3rd Qtr	27JAN00	09FEB00*



Project Start 14AUG98
Project Finish 17MAY01
Data Date 08OCT99
Run Date 10OCT99

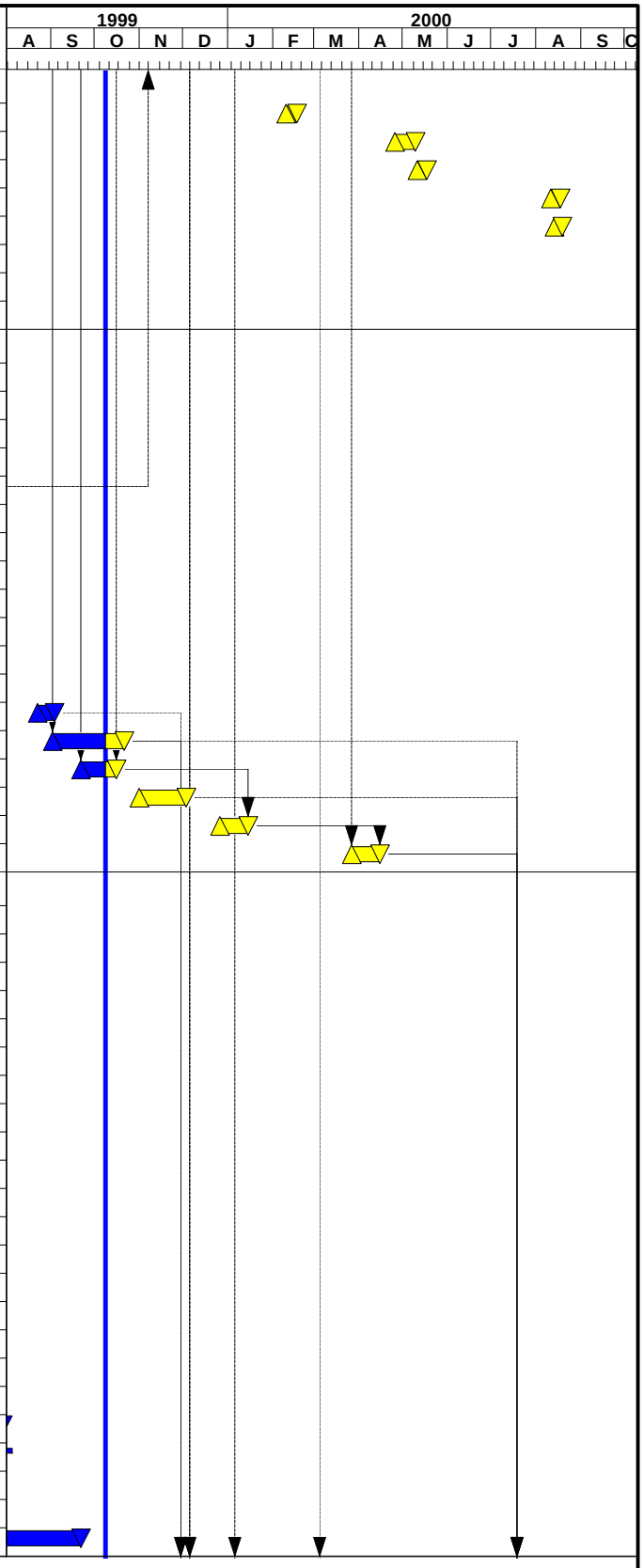
Early Bar
Progress Bar

M002

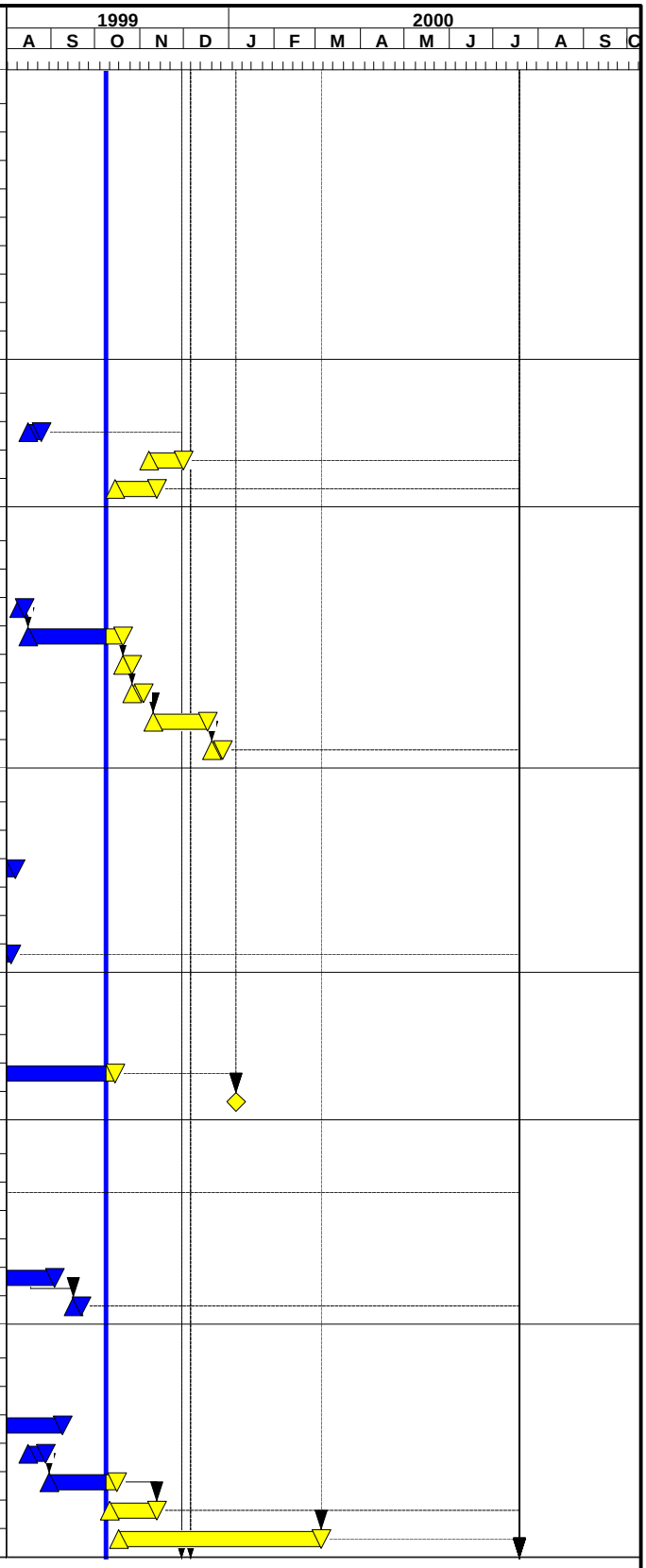
Sheet 1 of 4

Figure 6. Schedule for Completion of the Impact Area Groundwater Study as of 10/8/99

Activity Description	Early Start	Early Finish
5. Phase I Sampling of Water Supply Wells		
Sample (6c) MMR wells PEP 3rd Qtr	10FEB00	17FEB00*
Sample (6b) non-MMR wells PEP 4th Qtr	26APR00	09MAY00*
Sample (6c) MMR wells PEP 4th Qtr	11MAY00	17MAY00*
Sample (6c) MMR wells PEP 5th Qtr	11AUG00	17AUG00*
Sample (6d) MMR wells DW/PEP 2nd Yr	14AUG00	18AUG00*
Sample (6c) MMR wells PEP 6th Qtr	13NOV00	17NOV00*
Sample (6c) MMR wells PEP 7th Qtr	12FEB01	16FEB01*
Sample (6c) MMR wells PEP 8th Qtr	11MAY01	17MAY01*
6. Phase I Sampling of Monitoring Wells		
Review Selection of IRP wells	05NOV98A	30NOV98A
Submit IRP well selection/rationale	30NOV98A	
EPA comments on IRP Wells	01DEC98A	19JAN99A
Change document for IRP Wells	20JAN99A	29JAN99A
EPA cond. approve IRP well changes	01FEB99A	18FEB99A
USGS model selected IRP wells	01FEB99A	11FEB99A
Changes to address MADEP comments	19FEB99A	09MAR99A
Prepare FSP for Supplemental IRP Wells	10MAR99A	22APR99A
Mobilization for Phase I Wells	21DEC98A	05JAN99A
Sample/Analyze Supplemental IRP Wells	08APR99A	22JUL99A
Sample/Analyze Phase I Wells Round 2	06JAN99A	14JUN99A
Sample/Analyze G1 FF Wells Round 1	17FEB99A	27MAY99A
Sample/Analyze G1 FF Wells Round 2	23AUG99A	02SEP99A
Sample/Analyze Phase I Wells Round 3	02SEP99A	20OCT99
Sample/Analyze G2 FF Wells Round 1	21SEP99A	15OCT99
Sample/Analyze G1 FF Wells Round 3	01NOV99	02DEC99*
Sample/Analyze G2 FF Wells Round 2	27DEC99	14JAN00
Sample/Analyze G2 FF Wells Round 3	27MAR00	14APR00
7. Phase I Response Actions for Demo Area 1		
Roadbuilding for MW34	28DEC98A	04JAN99A
Install/Profile MW34	06JAN99A	18JAN99A
Roadbuilding for MW35	18JAN99A	18JAN99A
Install/Profile MW35	19JAN99A	29JAN99A
Develop/Sample/Analyze MW34	11FEB99A	19FEB99A
Develop/Sample/Analyze MW35	11FEB99A	22FEB99A
Install/Profile/Develop MW36	09MAR99A	20APR99A
Sample/Analyze MW36	05MAY99A	14MAY99A
Evaluate Groundwater Data	07MAY99A	17MAY99A
Submit GW Data/Response Plan to EPA		17MAY99A
Review/Revise Response Plan	18MAY99A	15JUL99A
UXO Clearance Demo 1	28DEC98A	13JAN99A
Standby for Demo 1 to dry up	14JAN99A	07APR99A
Mobilize ATV drill rig	08APR99A	03MAY99A
Demo 1 Soil Sampling to 15 ft	03MAY99A	07MAY99A
Soil Sample Analysis/Evaluation	04MAY99A	27MAY99A
Mobilize ATV drill rig	28MAY99A	04JUN99A
Demo 1 Soil Sampling to 40 ft	07JUN99A	09JUN99A
Soil Sample Analysis/Evaluation	08JUN99A	27JUL99A
Submit Soil Data to EPA		27JUL99A
Evaluate Pilot Testing & Remedies	21DEC98A	18MAY99A
Submit draft remedy evaluation to EPA		18MAY99A
EPA review/approve Response Plan	16JUL99A	20SEP99A



Activity Description	Early Start	Early Finish
8. Phase II (a) Workplan		
Prepare Phase II(a) Workplan	24AUG98A	11SEP98A
Submit Phase II(a) Workplan to EPA		11SEP98A
EPA Review Phase II(a) Workplan	14SEP98A	28OCT98A
Meeting to discuss Phase II(a)	04NOV98A	04NOV98A
Revise Phase II(a) workplan	05NOV98A	12NOV98A
EPA review/comment	13NOV98A	22DEC98A
Prepare change document	28DEC98A	08FEB99A
EPA approve change document	09FEB99A	05APR99A
Final Phase II(a) Workplan	06APR99A	22JUL99A
9. Phase II Investigate Exceedances		
Sample/Analyze Ph. II(a) Wells Round 1	30MAR99A	26MAY99A
Sample/Analyze Ph. II(a) Wells Round 2	16AUG99A	24AUG99A
Sample/Analyze Ph. II(a) Wells Round 3	08NOV99	30NOV99*
Soil Sampling/Analysis for Source Areas	15OCT99	12NOV99*
10. Phase II Characterize J Ranges		
Sampling/Analysis for J-3 Wetland	15APR99A	20APR99A
Review J-3 Wetland Results with EPA	13MAY99A	01JUL99A
Mobilization for Steel Pit	10AUG99A	13AUG99A
UXO Clearance for steel pit	16AUG99A	19OCT99
Soil sampling/analysis for Steel Pit	20OCT99	26OCT99
Monitoring well installation for Steel Pit	27OCT99	02NOV99
Sample/Analyze monitoring well	10NOV99	17DEC99
Review Steel Pit Results with EPA	20DEC99	27DEC99
11. Phase II Survey for Munitions Disposal		
Technology Meeting	09DEC98A	09DEC98A
Prepare Survey Work Plan	10DEC98A	01FEB99A
Review/Revise Workplan	02FEB99A	06AUG99A
Excavation/Sampling of Brick-lined Pits	19FEB99A	22FEB99A
Analysis of Brick-lined Pit Samples	23FEB99A	01JUL99A
Prepare Tech Memo for Brick-lined Pit	02JUL99A	04AUG99A
12. Phase II Characterize Training Areas		
Completion of Archives Search Report		31MAR99A
Phase II (a) Workplan for Training Areas	01APR99A	22JUL99A
EPA Review/Approve Workplan	23JUL99A	14OCT99
Begin Training Area Investigations	06JAN00*	
13. Phase II Characterize KD and U Ranges		
MIDAS search for analytes	27APR99A	06MAY99A
Soil Sampling/Analysis for KD and U	10MAY99A	17MAY99A
UXO Clearance for Monitoring Wells	28JUN99A	02JUL99A
Roadbuilding	06JUL99A	09JUL99A
Monitoring Well installations at KD and U	20JUL99A	02SEP99A
Sample/Analyze monitoring wells	17SEP99A	20SEP99A
14. Phase II Characterize Gun/Mortar Positions		
Completion of Archives Search Report		31MAR99A
Develop Field Sampling Plan	01APR99A	02JUL99A
Agencies Review FSP	06JUL99A	08SEP99A
Mobilize drilling equipment	16AUG99A	27AUG99A
Install Monitoring Wells at Gun/Mortar	30AUG99A	15OCT99
Sample/Analyze monitoring wells	11OCT99	12NOV99
Soil Sampling/Analysis at Gun/Mortar	18OCT99*	03MAR00



Activity Description	Early Start	Early Finish
15. Phase II Characterize Trnch, Excvtn, Bnkr		
Completion of Archives Search Report		31MAR99A
Assessment of site features	16AUG99A	27AUG99A
Review data with EPA	19AUG99A	26AUG99A
Phase II (a) Workplan for Trenches, etc.	30AUG99A	04OCT99A
EPA Review/Approve Workplan	05OCT99A	21OCT99
Begin Trenches Investigations	06DEC99*	
16. Phase II Sampling Groundwater at SAR		
Install Monitoring Wells at SAR	09MAR99A	23APR99A
Sample/Analyze Monitoring Wells	27MAY99A	05AUG99A
17. Phase II Characterize Mortar Targets		
Reconnaissance of Targets	16AUG99A	27AUG99A
Discuss sampling plan with EPA	19AUG99A	26AUG99A
Prepare draft FSP	30AUG99A	04OCT99A
EPA review/comment on FSP	05OCT99A	21OCT99
Prepare final FSP	22OCT99	09NOV99
Begin Mortar Targets Investigations	06DEC99*	
18. Reports and Meetings		
Progress Reports	10SEP98A	08SEP00
Phase II Interim Results Report	01SEP99A	01NOV99
Draft Interim Longterm Monitoring Report	29NOV99	24JAN00
Review Draft ILM Report	25JAN00	22FEB00
Final ILM Report	23FEB00	21MAR00
Draft Phase II Compl. Work Report	08MAY00	18JUL00
Review Draft Phase II CWR	19JUL00	15AUG00
Final Phase II CWR	16AUG00	13SEP00