MONTHLY PROGRESS REPORT #46
FOR JANUARY 2001

EPA REGION I ADMINISTRATIVE ORDERS SDWA 1-97-1019 & 1-2000-0014
MASSACHUSETTS MILITARY RESERVATION
TRAINING RANGE AND IMPACT AREA

The following summary of progress is for the period from January 1 to January 31, 2001. Scheduled actions are for the six-week period ending March 16, 2001.

1. SUMMARY OF ACTIONS TAKEN

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

Table 1. Drilling progress for January 2001

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-143	J Range Well (J3P-6)	240	206	107-112 117-122 144-154
MW-144	J Range Well (J3P-7)	230	202	23-36 130-140 195-205
MW-145	J Range Well (J3P-4)	233	199	30-40 125-135
MW-146	L Range Well (LP-4)	299	205	92-102 166-171
MW-147	L Range Well (LP-3)	276	199	82-92 150-160 167-177
MW-148	J Range Well (J3P-5)	258	195	61-71 90-100
MW-149	Gun Position Well (GP-1)	260	153	
MW-150	Inactive Demo Area Well (ID-2)	108	14	92.5-102.5
MW-151	Inactive Demo Area Well (ID-1)	73	16	

bgs = below ground surface
bwt = below water table

Completed well installation on MW-143 (J3P-6), MW-144 (J3P-7), MW-145 (J3P-4), MW-146 (LP-4), MW-147 (LP-3), MW-148 (J3P-5) and MW-150 (ID-2). Completed drilling of MW-149 (GP-1) and MW-151 (ID-1). Continued development of newly installed wells.

Samples collected during the reporting period are summarized in Table 2. Groundwater sampling commenced for the first round of FS-12 Response wells, the second round of Supplemental and Interim Supplemental Impact Area Response wells, and the third round of the Impact Area Response Wells (MW-85 through MW-107). Groundwater sampling continued for the first round of newly installed wells. A split sample for explosives was collected from a residential well in the FS-12 area. Groundwater profile samples were collected during the drilling of MW-143, MW-144, MW-145, MW-146, MW-147, MW-

148 and MW-149. Water samples were collected from the effluent of the granular activated carbon system used for well development. Water samples were collected from the containment pad as part of the Rapid Response Actions (RRA). Soil samples were collected from grids in the L Range (Area 103) but the analysis on the 0-3 inch bgs samples were canceled because this depth interval was too frozen to obtain representative samples. Soil samples were collected in Test Plot 2, Lift 2 as part of the HUTA investigation. Pre and post BIP soil samples were collected from the access road and the screening pad as part of the HUTA investigation. Post BIP soil samples were collected in TP2, also as part of the HUTA investigation. Post BIP soil samples were collected in the J-1 and J-3 Ranges as part of the Munitions Survey. Soil samples were collected from drill cuttings and background at recent drilling locations. Post-excavation soil samples were collected from a minor fuel release.

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

- Jacobs presented an update on the CS-18 and CS-19 Investigations. A packet was distributed including updates on the investigations, a map of the CS-18 (GP-9) surface soil sampling locations and site conditions, and a table of the preliminary results for the CS-18 supplemental site investigation surface soil samples. EPA requests that Jacobs add the previous soil sample results on this map. The CS-18 Investigation is one month ahead of schedule due to quick turn around times at the lab. Surface soil sample validation for all compounds except dioxins and furans has been completed and those are expected to be completed by next week- data was received yesterday and assessment has begun. A TIC analysis is underway for Halowax. The synoptic water level survey has been completed and subsurface soil, well installation, and sampling is scheduled for late March. Regarding the CS-19 Investigation, Jacobs is on schedule with a notice to proceed on the Supplemental RI. The preliminary draft technology screening memo for the Feasibility Study is undergoing final revisions and is expected to be distributed by the end of next week (01/12). After comments are received on the screening memo, the FS will be on hold until supplemental data are received and assessed. EPA suggested that AMEC provide comments to the CS-19 FS.
- No update on the JPO Water Supply. EPA indicated that there is a meeting scheduled on January 17 to discuss EPA's request for profiling on the chemical monitoring wells. There will be a discussion on the pipeline water line construction on Greenway Road and the explosive detections in the soil at the FS-12 Area at the RPM meeting today. EPA is concerned that there will be no testing of the soil from the trench. EPA requests results from the old Greenway Road area explosive response plan be provided to JPO. The Guard requested that JPO contact them regarding this issue.
- Tetra Tech provided an update on the Munitions Survey. A one-page summary was distributed. Within the HUTA, geophysics has been completed on TP2 Lift 1b and on the surfaces of TP3 and TP4. Anomalies are being investigated and prepared for excavation in TP2. At the J-1 and J-2 Ranges, hand cutting of remaining trees and debris is underway to facilitate geophysics operations. Additional vegetation removal was required to facilitate geophysics at the school buffer zone Area of J-1, and if necessary, a team will work this weekend while school is out. At J-3, surface clearance and tree removal continues in 40mm testing area north of the L Range. Air magnetometer operations are currently surveying Training Area B-9 and any lines in question from previous flights are being re-flown. Tetra Tech is still trying to coordinate with Pave Paws shut down times to fly Demo 2 Area again- the Guard will know today when that area can be flown. The lower portion of this area (over U Range) will also be flown and, depending on Pave Paws, Air-Mag operations should be completed by Friday. Regarding the water body investigation, permission has been secured to enter Camp Good News bog area to begin, and the two sections of concern will be surveyed with a Schonstedt over the next two days.
- AMEC provided an update on the Rapid Response Action. A one-page summary was distributed. Water management continues on the containment pad pending soil washing output material

disposition. The soil washing process confirmation sample analytical summary and discussion report was submitted to the Guard on 01/02/01 for review and discussed with AMEC on 01/03/01. Information will be shared with the EPA and DEP on 01/08/01 pending minor report revisions and the Guard's approval of those revisions. Upcoming RRA activities include discussions with the EPA and DEP concerning soil washing process output stockpiled material disposition and the development of an addendum to the Final RRA Work Plan and RAM Plan for addition of Mortar Target #9 and the Former H Range. The Draft addendum is due to the EPA by 02/01/01.

- AMEC provided an update on the Groundwater Field Investigation. A one-page summary on the investigation was distributed, as well as an updated map of the monitoring wells at MMR. Drilling is underway on MW-143 (J3P-6), MW-144 (J3P-7), and MW-145 (J3P-4), and should be completed by next week. Screens will be selected for MW-143 and MW-144 next week. Split samples with IRP are being collected at MW-144 for EDB. Two additional J Range Stage 2 well locations will need to be selected this week. The pump was removed and a downhole camera was used to view the J-2 Range water supply well. An obstruction was found at 42 feet below the ground surface (above the water table). EPA requested more information on the obstructions in this well and on WT-10. Groundwater sampling has begun on the third round of Impact Area Response wells (MW-85 through MW-107) and will is continuing on the first round of newly installed Impact Area Response wells. The L Range soil grids could not be collected this week because of frozen ground. There is no UXO activity this week or next.
- AMEC provided an update on the Schedule and Document Status. An updated table of the IAGS Document Status and a 3-Month Lookahead Schedule for the Impact Area Groundwater Study were distributed. Changes since the last update include: dates have been scheduled for the Munitions Survey Report Resolution Meeting (01/18/01), MOR (01/22/01), and Final (02/20/01) based on the RCL submittal on 01/02/01; the Soil Background Evaluation will be distributed to the agencies Monday 1/8 pending Guard review of the client draft; the J-2 Range Additional Delineation Plan client draft will be distributed to the Guard mid-late next week and to the agencies the following week. Also, two documents have recent schedule changes due to the delayed soil background report, that are not shown in the update: the Gun & Mortar COC document (currently scheduled for 02/09/01) will be pushed back to 02/20/01; and the Demo 1 Soil COC document (currently scheduled for 02/09/01) will be pushed back to 02/13/01. No enforceable milestones have been changed. EPA requests that AMEC include a discussion of TICs in the Demo 1 Groundwater Study Report, as well as adding 8321 analysis to the recommendations. Further discussion on this matter will occur at next week's technical team meeting (01/11/01). EPA requests that AMEC check which wells have been requested in the past.
- There are no new explosive detects in groundwater.
- AMEC discussed the status of perchlorate samples. Results are available on the Demo 1 rush samples as provided by email. Demo 1 Round 2 samples have not come in yet. EPA requested that future updates include a highlight section for any significant detects.
- There is no new information regarding the gross alpha samples since the last update. Another update will be given at next week's tech meeting (01/11/01).
- AMEC provided an update on PCN MDLs. A letter is being prepared for the Guard responding to questions that had been e-mailed by the EPA, and will be distributed to the agencies next week. STL-Chicago is receiving PCN standards and will be starting the MDL study. EPA asked where the laboratory obtained the standards.
- There was a brief discussion on the J-Range/FS-12 Response Plan. The FS-12 Response Plan was FedExed to the EPA Boston office for Wednesday (1/3/01) delivery, emailed to the tech team on Wednesday, and faxed this morning. EPA has not had sufficient time to review it. AMEC indicated that some information on IRP wells is still being checked. EPA suggests that AMEC recheck all the wells again to determine if they still exist and what the screen elevations are. A breakout meeting is scheduled for further discussion on this matter after next week's tech meeting, which should include

the AFCEE personnel. There may be an issue with some of the wells being located on private property.

- AMEC e-mailed an update on the status of the Tritium data this morning (01/04). Any questions should be directed to Marc Grant.
- There was a discussion on the status of issues regarding the January 25th IART meeting. Agenda items will be further discussed next week, but include:
  - A presentation on the information gathered through the Archive Search Report interviews. Guard has received the reformatted interviews and will distribute next week with the map.
  - Small Arms Range soil and air data (validated) should be distributed to the Tech Team next week.
  - The Demo 1 Draft Groundwater Report. The report will be distributed to all on January 18.
  - The Army Corps of Engineers will provide the EPA with a letter regarding UXO experience prior to distribution at the IART meeting.
  - The Guard will e-mail a list of the proposed IART agenda items prior to the next technical team meeting (latest 01/09).
- EPA requested an ASR update for next week's Technical Meeting.

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

- Tetra Tech provided an update on the Archive Search Report. A two-page summary was distributed. There will be a breakout meeting after next week's technical team meeting (01/18) to discuss EPA comments on the ASR Communications Plan. The Plan will then be updated to reflect all MADEP, EPA, and USACE-New England District comments. The USACE is currently tabulating Ammunition Supply Point (ASP) records that were retrieved from MMR in November. All available ASP records of pyrotechnics and demolition material were obtained. The team is compiling information on ammunition types, units where issued, and quantity used at MMR. The Guard and agencies will be e-mailed next week with further information. 17 follow-on interviews have been completed since December, 16 of which have been summarized and will be presented at the IART meeting. The revised, signed affidavit has been obtained from Witness #9 and will be sent (less the names) with a letter to the Guard to be then forwarded to the agencies. Additional interviews are scheduled for next week and still some to be scheduled. The Tetra Tech memorandum and interview notes are being revised to remove all names for confidentiality. Tetra Tech is currently conducting quality control of the Excel spreadsheet summarizing military and civilian activities that occurred at MMR. An organizational chart is also being put together outlining any changes that occurred within the units at Camp Edwards, historically. In addition, materials contained in the 26th Air Defense Missile Squadron BOMARC unit historical records have been summarized and will be distributed to the ASR team early next week with a map. Regarding contracts research, Tetra Tech is coordinating with the Picatinny Arsenal for receipt of contracts-related documents and other information, and information has been requested from Eglin Air Force Base, DTRA, and AMCOM. A point of contact has been identified at CECOM and a request packet will be sent. The GIS system which was demonstrated in November to include ASR data is being improved and should have a prototype demonstration at the IART meeting. Any regulator input is welcome. The GIS database will be available for the February IART/SMB meetings. USACE continues to work on the schedule, with a request from Tetra Tech for modification of the contracts research portion of the schedule involving review of contracts-related documents at Picatinny Arsenal (moved from 01/30/01 to 03/15/01). All other Tetra Tech tasks are progressing according to the schedule. EPA asked for an update on obtaining historic aerial photos by the next tech meeting (1/18/01).
- There was a discussion on the IART Agenda and Action Items. A proposed agenda was distributed, as well as a list of draft Action Items. CH2MHill will distribute the final IART Agenda with a cover memo to the agencies, contractors, and IART. The Demo 1 Groundwater Report will be presented at

6:40 followed by the Investigations Update at 7:10, including the J Range response plan, soil background, and upcoming documents. The Status of Small Arms Range Air and Soil Sampling will be presented at 8:00. There will be no presentation, but rather a summary handout provided by Tetra Tech on the Munitions Survey, the Air-Mag Survey, and the HUTA. Other issues (including ASR interviews, AO4, and northwest corner investigations) will be presented at 8:30. Feedback will be requested from the IART on the soil background proposal, the Demo 1 Groundwater Report, and the J Range response plan.

- Jacobs provided an update on the CS-18 and CS-19 Investigations. A one-page summary was distributed. For CS-18, Jacobs remains one-month ahead of schedule due to quick lab turnaround. Sample validation for all compounds except dioxins/furans has been completed, and their validation should be completed by tomorrow (01/12). Data assessment, along with particle track modeling, continues with the goal of selecting deep sample locations and two down-gradient well locations by the end of this month. Analysis for soil TICs continues and a figure depicting old and new sample locations has been submitted to graphics. The synoptic water level survey is complete and subsurface soil and well installation/sampling is scheduled for late March 2001. Regarding CS-19, the draft technology screening memo has been delayed due to volume of documents in processing. It has been moved from January 19th to the 31st. After comments on the screening memo, the FS will be put on hold until supplemental data are received and assessed. A follow-up meeting with AMEC and the Guard is scheduled for Friday 9:00 am (01/12/01) to discuss comments and feedback.
- There was no update on the JPO Water Supply.
- Tetra Tech provided an update on the Munitions Survey. A one-page summary was distributed. Within the HUTA, excavation of TP2 Lift 1b and geophysics of TP2 Lift 1c have been completed. At TP4, surface geophysics is complete and the road to the test pit has been cleared and ready for rebuild. Manual excavation of anomalies is ongoing. At the J1 Range, the Brontosaurus has completed clearance of a small area in the North. That is the last of the work to be done by the Brontosaurus. Unfuzed munitions are being moved and fuzed munitions are being dealt with. The large target plates will be moved when the crane arrives for the DU study. At the J-2 Range, UXO clearance has been completed and the area is to be inspected for trash. A few remaining trees that may interfere with geophysics are being cut down. Within the J-3 Range, the clearance of the area in the North is being expanded due to the findings of 81 mm and barrage rockets. UXO/vegetation/land clearance and survey on 40mm area other side of L Range. Munitions have been moved out of the Buffer Zone to the J-1 Range. A map with Air-Mag survey locations was distributed to the agencies and discussed. Preliminary data are being evaluated. Tetra Tech was unable to fly the area of Pave Paws due to weather. 15 anomalies have been found and flagged at the Camp Good News Bog. Further surveying will be done today (01/11/01) and fox holes will be inspected by UXO technicians.
- AMEC provided an update on the Rapid Response Action. A two-page summary was distributed. Water management continues at the containment pad pending soil washing output material disposition. The soil washing process output confirmation analytical summary report, including discussion, recommendations, and data was distributed to the agencies on 01/08/01. Based upon process improvements implemented during soil washing operations, final soil washing system configuration yielded 74% volume reduction (after 11/03/00) versus 8% during the early portion of the soil washing operations (prior to 11/04/00). AMEC proposes the reuse of coarse soils and oversized rocks meeting RRA and MCP soil cleanup goals, approximately 358 cubic yards, and holding a remaining 493 cubic yards (mostly not meeting clean-up goals) for re-washing in Spring 2001. AMEC also proposes to relocate coarse and fine soils held for re-washing to the soil receiving portion of the containment pad, securely cover, and place a diversionary dike around the soil stockpiles to eliminate rainwater contact with stockpiled soils; to hold coarse and fine organic materials and organic soils for use in future field demonstrations of innovative soil treatment technologies, later recombining these materials with coarse or fine soils from re-washing effort for use in field demonstrations; and to decontaminate the containment pad surface where soil washing

process output has been staged. Upcoming RRA activities include discussions with the EPA and DEP concerning soil washing process output stockpiled material disposition and the development of an addendum to the Final RRA Work Plan and RAM Plan for addition of Mortar Target #9 and the Former H Range. The Draft addendum is due to the agencies by 02/01/01.

- AMEC provided an update on the Groundwater Field Investigation. Installation of MW-143 (J3P-6) and MW-144 (J3P-7) and drilling of MW-145 (J3P-4) have been completed. Drilling will begin on the Gravity Range well, LP-3, and LP-4 next week. EPA asked Guard to coordinate with AFCEE on splits for LP-3. Regarding groundwater sampling, the first round of Impact Area Response wells (MW-113 through MW-139) will be completed this week, and sampling of the third round of Impact Area Response wells (MW-85 through MW-107) continues. The obstruction in the former J-2 Water Supply well is a rock or soil and the obstruction in 90WT0010 is possibly a part of a well cap. Depending on the weather, soil sampling of the J-3 Range grids may continue next week. There is no UXO work this week or next.
- AMEC provided an update on the Schedule and Document Status. An updated table of the IAGS Document Status and a 3-Month Lookahead Schedule for the Impact Area Groundwater Study were distributed. There was a discussion of the review schedule for the Soil Background Evaluation to allow sufficient time for agency and IART review. The current schedule is to obtain agency comments by 1/17/01 and complete the MOR by 1/22/01. In view of the IART meeting date, EPA proposed to provide input by 2/2/01 and discuss at the 2/8/01 tech meeting. AMEC will prepare a revised schedule to determine the impacts on the Demo 1 and Gun/Mortar COC evaluations. The agencies asked that additional copies of the background report be expedited to them; also that in the future, 2-3 copies of submittals be provided in the initial mailing. EPA indicated that the IART discussion of upcoming documents should also cover the targets report, Demo 1 FS Screening Report, and RRA workplan addendum.
- AMEC distributed and discussed the newest explosive detects in groundwater. MW-39M2, -58S, and -59S had detects similar to previous detects. This information will be included in the weekly report for 1/1 to 1/5. This information was also sent earlier in the Excel file update of cumulative explosive detects.
- AMEC provided an update on the status of perchlorate and gross alpha samples. The latest perchlorate results from the December rush samples were e-mailed this morning, including a repeat detect at MW-34M2 and some new non-detects in J Ranges. The later round of December samples with wells down-gradient of Demo 1 is expected next week. Additional gross alpha results will be distributed in the next day or two.
- AMEC discussed the current Demo 1 groundwater analytes and COCs. Some Demo 1 wells have been evaluated via the 8270 and 8321 methods. Information from these analyses will be considered when determining if additional types of analysis are needed. The Demo 1 Groundwater Report will include a discussion of this. EPA asked that the Guard contact AFCEE for results of 8321 analyses for LF-1 groundwater.
- There was a discussion on the SAR soil and air results. E-mails have been sent this week with unvalidated soil data from the G and I Ranges and validated air data from the C and SE Ranges. The G and I Range soil data reports similar metals to the SE Range soil data, with a couple of exceedances of the RCS-1 for 2,4-DNT. There have been no significant changes between the unvalidated and validated air data at the C and SE Ranges. EPA asked that the Guard send validated air results to IART; also validated soil results when these become available.
- EPA provided the following comment on the May 2000 BIP report: in light of the metal detects at the BIP at Bunker 3, EPA requests a proposal for supplemental soil sampling in this area.
- AMEC provided an updated map of RDX extent in the Central Impact Area. This map would be used as an IART handout, pending agency review. Profile results for MW-135 will be used to extend detection boundary in this area if well results are not received prior to the IART (sampled 1/9/00).

- Following the meeting, there were additional discussions of the next J Range drilling locations, and the J Range response plan.

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

- The Army Corps of Engineers presented an update on the CS-18 and CS-19 Investigations on behalf of Jacobs Engineering. A one-page summary was distributed. On the CS-18 Investigation, Jacobs is about two weeks ahead of schedule. Sample validation is completed for all compounds, with a few questions regarding dioxins/furans being resolved with the labs. EPA requested dioxins/furans data when it becomes available. Data assessment continues with the goal of selecting deep sample locations, TIC analysis continues, the figure depicting old and new sample locations has been completed, and particle track modeling has been initiated with the goal of selecting two downgradient well locations. Subsurface soil and well installation and sampling is scheduled for late March. Regarding the CS-19 Investigation, the overall project is on schedule to meet agreed-upon FFA deadlines, however, the draft technology screening memo for the Feasibility Study (currently undergoing final revisions) is behind internal schedule. Comments were received from AMEC on screening tables/figures and being incorporated into the document. The draft will be issued by the end of January/early February. After comments on the screening memo, the FS task will require Supplemental RI data. Project initiation activities continue on the Supplemental RI.
- Regarding the Water Supply Project, EPA, DEP, and USACE met yesterday and are still considering profiling the water supply wells. DEP requests that they be present for the construction of the pipeline at Greenway Road for documentation. They will note any odd colorings or odors within the soils. There was a discussion on the selected area and whether it could be a potential source of contamination. The issue of sampling the soil in that area prior to pipeline construction is under consideration and will be further discussed. AMEC will provide further info on the nitroglycerin detects in soil near Greenway Road.
- Tetra Tech provided an update on the Munitions Survey. A one-page summary was distributed. Within the HUTA, excavation of anomalies at TP2 Lift 1C has been completed and two BIPs on live fuzed 81mm mortars will occur Friday (1/19). Excavation of TP2 Lift 1C will begin today (1/18). The road to TP4 has been completed and the roadways between TP5 and TP6 have been UXO surface swept and ready for construction. (The roads proposed around the Test Pit areas will not be done.) Vegetation clearance has been completed at the HUTA, with the total acreage cleared about 10. EPA requests a list from Tetra Tech on the procedures being followed to deal with frozen ground. At the J-1 Range, a stack of munitions is to be moved to the fenced area and Sudhakar will pick up positively ID'd inert fuze UXO materials for transport to the CDC. The crane will soon be arriving for the DU study and at that time, the large target plates will be moved. Vegetation clearance at J-1 has been completed, with a total acreage cleared about 55. At the J-2 Range, the total vegetation cleared is 30 acres. J-3 Range clearance is expanding north and 81mm mortars are being found, as well as Barrage Rockets. An information sheet on Barrage Rockets was distributed. The Guard will research potential sources for the rockets. UXO/vegetation/land clearance and survey on 40mm area other side of L Range will continue upon completion of north area. The total vegetation cleared at J-3 is 10 acres. The Air Mag data are being processed and will be available for distribution in early February (Punchlist/Action item). DEP and EPA will provide input on Phase II of the Munitions Survey within a couple of weeks.
- AMEC presented an update on the Rapid Response Action. There is little change since last week. The soil washing data were submitted to the EPA 1/17/01 and there will be a meeting after next week's tech meeting (1/25) to discuss the development of an addendum to the Final RRA Work Plan and RAM Plan for addition of Mortar Target #9 and the Former H Range.

- AMEC provided a Field Investigations update on the Groundwater Study. A one-page summary was distributed. Well installation has been completed on MW-145 (J3P-4) and drilling was commenced this week on MW-146 (LP-4), MW-147 (LP-3), and MW-148 (J3P-5). EDB split samples will be collected on MW-147 and MW-148. Screens may be selected on Monday (1/22) for LP-4. Drilling of the Gravity Range well will be started next week. The second round of sampling Impact Area Response wells (MW-108 through MW-113, MW-123, and MW-124) will be completed this week, and sampling continues on the third round of Impact Area Response wells (MW-85 through MW-107), some of which cannot be accessed due to HUTA exclusion zones. The first round of newly installed wells continues to be sampled this week and sampling has commenced on the J Range/FS-12 response wells. Soil sampling of the J-3 Range grids will continue depending on the weather. LP-3 and LP-4 well pads were cleared of vegetation last week, J3P-5 and J3P-10 are being cleared this week, and J2P-9 and Gravity Range well will be cleared next week. There is no UXO activity this week. UXO clearance of Phase IIb well pads will begin next week.
- The DPH will be doing an evaluation of the Snake Pond area where there have been detects. AMEC will provide data for residential wells.
- AMEC distributed and discussed the newest groundwater detects (unvalidated). There was an RDX detect at MW-135 similar to the profile. Depth of this detect suggests a source east of CS-19. Other detects are repeats, with the exception of MW-97M3, which is new and consistent with other detects in the north of the Impact Area. AMEC will modify the map showing RDX detections for distribution at next week's tech meeting (1/25) and for the IART meeting.
- EPA suggests that a ballpark estimate of the volume of contaminated water at MMR be established prior to the February IART meeting.
- AMEC provided a Schedule and Document Status update. The Gantt chart has been modified to show the effects of the extended comment period for soil background that was discussed at the 1/11 tech meeting. The document status table has not been modified but areas that will change are highlighted. Munitions Survey Report resolution meeting is proposed to be pushed back to allow responses to the recent DEP comments to be prepared. IART input for this report will be discussed in the next meeting regarding Community Involvement. A lengthy discussion ensued on the soil background evaluation (TM 01-1) schedule and how this impacts other deliverables. EPA suggested other deliverables should proceed on schedule in the absence of resolution of soil background. The Guard indicated that background was needed to determine Contaminants of Concern in accordance with the agreed process. There was no resolution of this discussion, though it was agreed that the matter must be resolved soon. This will be a topic for the 2/1/01 tech meeting.

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

<u>CS-18 and CS-19 Updates</u>
Tom Fogg (Jacobs) presented an update of CS-18/19 sites. Mr. Fogg indicated that he has accepted a position at another company and for future meetings Bill Downs will be handling the CS-18 area and George Peterson will be handling CS-19.

- The CS-18 Site Investigation is approximately two weeks ahead of schedule due to accelerated laboratory turnaround. A figure depicting the old and new sampling locations was distributed. Validation of the surface soil sample results was completed for all compounds analyzed. Sample results for dioxins/furans were completed and distributed. It was noted that a relatively "heavy" concentration of dioxin/furans were detected at sample location 6 (16SS0006). Toxic Equivalency Factors (TEF) for the dioxin/furan analysis are being calculated and will be distributed at next week's meeting. Analysis of tentatively identified compounds (TIC) is also ongoing. Assessment of the surface soil data is continuing with the goal of selecting deep sample locations. Agency input will be

solicited in selecting these sampling locations. Particle track modeling is continuing with the goal of selecting two downgradient well locations. A synoptic water level survey was also completed. Subsurface soil sampling and monitor well installation and groundwater sampling is scheduled to commence in late March 2001.

- The CS-19 study is currently on schedule. Project initiatives on the Supplemental RI continue. Currently a statement of work is being developed for selecting a UXO subcontractor. As part of the Feasibility Study (FS), a draft technology memo was issued this week. It should be noted that there was a mistake in the cover letter regarding the submission date for the Draft Feasibility Study; it will be submitted on 3/22/02 as originally scheduled. Once comments on the screening memo are received, the FS task will require the input of the Supplemental RI data.

Water Supply Study Update

- Jan Drake (MADEP) indicated that there was no new information regarding the Water Supply Study. Ms. Drake clarified in an email following the tech meeting that MADEP had not approved the ZOCs for DoD's three new sources. Pump test reports submitted as part of the new source approval process include modeled Zone II's that are subject to approval. Meetings to discuss and review the modeled Zone II's for the DoD wells WS-1, 2, and 3 are ongoing.
- Todd Borci (EPA) indicated that AFCEE was drilling a well behind the Coast Guard Station as part of their assessment of the CS-1 area and that data obtained from profile and other sampling should be reviewed relative to placement of the Water Supply wells. TCE in concentrations just below the MCL of 5 ug/L have been consistently detected in monitor wells MW-18 and LRWS-3 in that area.

Munitions Survey Update

Leo Montroy (Tetra Tech) presented the Munitions Survey Update.

- In the HUTA 1 Investigation, the QA/QC of Lift 1C Test Pit #2 has been completed. Excavation of Lift 1C began 1/24/01. Sampling efforts have been impeded by frozen soil. Several techniques are being tested to remedy this including the use of heating blankets. The road for Test Pit #4 has been completed. Bomb craters within this area are being filled with clean soil (lab analysis to confirm) to level the area for the geophysical investigation. The road between Test Pits #5 & #6 are being swept for surface UXO. Any identified anomalies are being investigated.
- For the J-Ranges, UXO and vegetation clearance was conducted only on J-3 Range (north area) and L Range (north area). Total vegetation clearance at J-3 Range to date is 10 acres. UXO and vegetation clearance have been completed at the J-1 and J-2 Ranges, with a total vegetation clearance of 55 acres and 30 acres, respectively. The large metal plates at the J-1 Range will need to moved when the crane arrives for the Depleted Uranium study. The Geophysical Survey of the J-Ranges is scheduled to commence on February 19, 2001. The geophysical survey contract has been awarded to UXB. UXB will utilize a motorized cart sensor system equipped with four EM61 instruments. A single, hand-held EM61 with real time GPS unit will also be used. UXB has projected that the survey can be conducted at a rate of approximately 10 acres/day. Jane Dolan (EPA) requested information regarding UXB's experience.
- Data collected by the Air Magnetometer survey is being processed and will be available in early February for distribution.

Rapid Response Action Update

Scott Veenstra (AMEC) presented only an abbreviated update of the RRA, since a breakout technical meeting was to be conducted after the general technical meeting to discuss the soil washing report.

- Management of water on the containment pad for the soil processing plant has been impeded by freezing of the water. The collected water is managed as weather permits.
- The Draft RRA Workplan Addendum that addresses Mortar Target 9 and the Former H Range Firing Point is scheduled to be delivered on February 1, 2001.

Schedule/Document Status Update
Marc Grant (AMEC) provided the update on document status.

- The following documents have been submitted and have moved to the "Documents needing Comments" column: Demo 1 GW Report, J-2 Range Additional Delineation Workplan, and Targets Report (Phase 1).
- The following documents will be submitted next week: Soil Distribution Report, RRA Group 2 Workplan, and Demo 1 GW FS Screening Report.

Groundwater Study
John Rice (AMEC) presented the following information on the groundwater study.

- Installation of monitor wells MW-146 (LP-4), MW-147 (LP-3) and MW-148 (J3P5) was completed. Drilling of ID-2 will begin this week. Next week,the drilling of ID-1 Gravity Range well and a J Range Stage II well will commence. These activities are somewhat dependent on weather for the UXO clearance.
- Groundwater sampling of the third round Impact Area response wells MW-85 through MW-107 and the FS-12 response wells were conducted this week and will continue next week. Sampling of the Impact Area response wells is dependent on HUTA safety zone access.
- UXO clearance of well pads for Phase IIb locations was initiated this week and will continue next week.
- Soil sampling was not conducted this week because the ground was frozen. Soil sampling of the J-3 Range grids will continue next week if conditions improve.
- Vegetation removal was conducted for construction of well pads ID-1, ID-2 and the 150-foot access road to ID-2; total vegetation removed was 22,250 square feet. Vegetation removal for construction of well pads J1-9, J2P-9, D2P1 and D2P-2 and the 700-foot access road to D2P1 and D2P-2 is planned for next week; total vegetation removal of 50,500 square feet is projected.
- The following data tables were distributed: 1) P-30 Drill Pad UXO detonation crater results. 2)Remaining Supplemental BIP grid results for J-2 Range. 3)Update of Supplemental BIP Crater Results for all areas.

Perchlorate Update
Marc Grant (AMEC) indicated that cumulative perchlorate data was emailed this week.

- Todd Borci (EPA) expressed concern that sufficient locations be sampled for perchlorate including MW-57, MW-91, MW-109, MW-12, MW-58 and all existing as well as new J-Range wells. Mr. Borci asked for an updated list showing all wells sampled for perchlorate and those proposed to be sampled. Mr. Borci also requested that perchlorate data be added to the map that shows explosive detections for the next IART meeting.
- Jane Dolan (EPA) questioned as to whether J1P-9 should be located downgradient of MW-13 because of the detection of perchlorate in this well. Ms. Dolan indicated that the Univ. of Southern California has tested for perchlorate from town supply systems including the Sandwich water supply wells.

Press Releases
Todd Borci (EPA) suggested that press releases were needed for two subjects:

- a press release be issued for recent detections of explosives in profile samples from MW-143 and MW-147, and grab water samples from borings advanced through the J-3 Range burn pit.
- a press release be issued regarding the detection of perchlorate and information regarding perchlorate. Mr. Borci indicated that he would discuss the Region IX PRG of 18ppb with a human-health person at EPA relative to establishing a health advisory for perchlorate. This information could be incorporated in the press release.

Miscellaneous

- In response to Marc Grant's (AMEC) inquiry, Todd Borci (EPA) indicated that the agency was approving using the TCLP leaching method and 2,4 - DNT analysis to determine whether soil at the gun and mortar positions was a RCRA characteristic hazardous waste.
- In response to questions on the groundwater sampling Tritium results by Jane Dolan (EPA), Jay Clausen (AMEC) indicated that the Tritium results from Severn Trent's Richland Lab were being validated. Two tritium peaks were reported for profile samples collected from MW-120, when only one peak was expected. Validation of these results will be used to evaluate this discrepancy and whether the lab is providing useable data. Marc Grant (AMEC) also indicated that the University of Miami Lab could provide preliminary Tritium data with a 2-3 week turn around time. Liz Wessling (AMEC) was working with the lab to determine if the preliminary data were adequate for immediate use.

EPA convened a meeting of the Impact Area Review Team on January 25, 2001. Topics discussed during the meeting included the Demo 1 Groundwater Report, Identification of COCs and the Groundwater Study Update that included an explanation of background soil calculations. A public hearing on Administrative Order #4 was also conducted during the meeting. A tentative date for the next meeting was not determined.

2. SUMMARY OF DATA RECEIVED

Validated data were received during December for Sample Delivery Groups (SDGs) 423, 424, 426, 427, 429, 431, 432, 433, 437, 438, 439, 460, 477, 483, 490, 507, 508, 514, 516, 517, 521, 522, 525, 531, MORE477, PERC13, and PERC14 under the Groundwater Study. These SDGs contain results for 49 soil grid and/or grab samples from UXO detonation craters; 137 groundwater samples from monitoring wells; 178 groundwater profile samples from wells MW-28, -120, -123, -124, -125, -126, -128, -129, -131, -132, -133, -135; -136, -138, -139, -140, and -141; 47 soil boring samples from wells MW-112, -113, -118, -119, -120, -122, -123, -124, -125, -126, -130, -131, and -136; and 111 soil grid and/or grab samples from the J-1, J-2, and J-3 Ranges.

Validated Data

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

- Figure 1 shows the results of explosive analyses by EPA Method 8330
- Figure 2 shows the results of inorganic analyses (collectively referred to as “metals”, though some analytes are not true metals) by methods 300.0, 350.2M, 353M, 365.2, CYAN, IM40/MB, and IM40HG

- Figure 3 shows the results of Volatile Organic Compound (VOC) analyses by methods OC21V, 504, and 8021W
- Figure 4 shows the results of Semi-Volatile Organic Compound (SVOC) analyses by method OC21B
- Figure 5 shows the results of Pesticide (method OL21P) and Herbicide (method 8151) analyses

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

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

The results presented in Figures 1-5 are cumulative, which provides a historical perspective on the data rather than a depiction of current conditions. Any detection at a well that equals or exceeds the MCL/HA results in the well having a red symbol, regardless of later detections at lower concentrations, or later non-detects. The difference between historical and current conditions varies according to the type of analytes. There are little or no differences between historical and current exceedances of drinking water criteria for Explosives, VOCs, Pesticides, and Herbicides; the minor differences are mentioned in the following paragraphs. There are significant differences between historical and current exceedances of drinking water criteria for Metals and SVOCs, as described further below. The discussions of year 2000 results generally include the first two sampling rounds (May-June and August-September) of three total rounds planned.

Figure 1: Explosives in Groundwater Compared to MCLs/HAs

Exceedances of drinking water criteria for explosive compounds are indicated in four general areas:

- Demo Area 1 (wells 19, 31, 34, 73, 76, and 77);
- the Impact Area and CS-19 (wells 58MW0001, 0002, 0009E, 0011D, 0016B, 0016C, and 0018B; and wells 1, 2, 23, 25, 37, 38, 40, 85, 86, 87, 88, 89, 90, 91, 93, 95, 98, 99, 100, 101, 105, 107, and 113);
- J-Ranges and southeast of the J Ranges (well MW-132 and wells 90MW0022, 90WT0013); and
- at the steel-lined pit (well 58).

Exceedances of drinking water criteria were measured for 2,4,6-trinitrotoluene (TNT) at Demo Area 1 (wells 19S, 31S, and 31D), and for hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) at all of the locations listed above. One of the exceedance wells, 90WT0013, has had no detectable RDX in the last five sample rounds (1/99 to 11/00).

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

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

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

Figure 2: Metals in Groundwater Compared to MCLs/HAs

Exceedances of drinking water criteria for metals are scattered throughout the study area. Where two or more rounds of sampling data are available, the exceedances generally have not been replicated in consecutive sampling rounds. The exceedances have been measured for antimony, arsenic, cadmium, chromium, lead, molybdenum, sodium, thallium and zinc. None of the 11 antimony exceedances were repeated in consecutive sampling rounds, and only one exceedance (well 50M1) was measured in year 2000 results. Arsenic (in well 7M1), cadmium (52M3), and chromium (7M1) each had one exceedance in a single sampling round in August-September 1999. The three lead exceedances (wells 2S, 7M1, and ASP) were not repeated in any sampling rounds and none were measured in year 2000 results. Thirteen of the 41 molybdenum exceedances were repeated in consecutive sampling rounds (wells 2S, 2D, 13D, 16D, 46M2, 52D, 52M3, 53M1, 53D, 54M2, 54S, 55D, and 57S). Molybdenum concentrations declined in 12 of these 13 wells. Eight molybdenum exceedances (wells 13D, 16D, 45S, 52D, 53M1, 57S, 57M2, and 81D) were observed in year 2000 results. Four of the 13 sodium exceedances were repeated in consecutive sampling rounds (wells 2S, 57M2, 57M1, and SDW261160); five wells (90WT0010, 21S, 46S, 57M1, and 57M2) had exceedances in the year 2000 results. Seven of the 55 thallium exceedances were repeated in consecutive sampling rounds (wells 7M1, 7M2, 47M2, 52S, 52D, 54S, and 54M1). Eighteen wells (2D, 45S, 46M1, 47M3, 47M2, 48M3, 48D, 49M3, 50M1, 52S, 54S, 56S, 56M3, 57M2, 58S, 64M1, 83S, and 127S) had thallium exceedances in the year 2000 results. Zinc exceeded the HA in seven wells, all of which are constructed of galvanized (zinc-coated) steel.

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

Figure 3: VOCs in Groundwater Compared to MCLs/HAs

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

Figure 4: SVOCs in Groundwater Compared to MCLs/HAs

Exceedances of drinking water criteria for SVOCs are scattered throughout the study area. All exceedances of drinking water criteria for SVOCs were measured for bis (2-ethylhexyl) phthalate (BEHP), except for two locations in FS-12 (wells 45S and 90MW0003) which had exceedances for naphthalene, and well 41M1 which had an estimated level of 2,6-dinitrotoluene (DNT) that is equal to the HA. BEHP is believed to be largely an artifact of the investigation methods, introduced to the samples during collection or analysis. A detailed discussion of the presence of BEHP is provided in the Draft Completion of Work Report (7/98) and subsequent responses to comments. The theory that BEHP occurs as an artifact, and is not really present in the aquifer, is supported by the results of subsequent sampling rounds that show much lower levels of the chemical after additional precautions were taken to prevent cross-contamination during sample collection and analysis. Only three locations (out of 71) showed BEHP exceedances in consecutive sampling rounds: 28MW0106 (located near SD-5, a site under investigation by AFCEE), 58MW0006E (located at CS-19), and 90WT0013 (located at FS-12). Subsequent sampling rounds at each of these three locations have had results below the MCL. Three wells (49S, 57M2, and 84D) have had a BEHP exceedance in the year 2000 results.

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

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

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

There was one exceedance of drinking water criteria for herbicides, at well 41M1. This response well was installed downgradient of the Central Impact Area, as indicated above (see discussion for Figure 4). The exceedance was for the herbicide pentachlorophenol in a sample collected in May 2000. There were

no detections of this compound in the three previous sampling rounds in 1999, nor in the subsequent sampling round in August 2000.

Rush (Non-Validated) Data

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

The status of the detections with respect to confirmation using Photo Diode Array (PDA) spectra is indicated in Table 4. PDA is a procedure that has been implemented for the explosive analysis, to reduce the likelihood of false positive identifications. Where the PDA status is "YES" in Table 4, the detected compound is verified as properly identified. Where the status is "NO", the identification of an explosive has been determined to be a false positive. Where the status is blank, PDA has not yet been used to evaluate the detection, or PDA is not applicable because the analyte is a VOC. Most explosive detections verified by PDA are confirmed to be present upon completion of validation. Table 4 includes the following detections:

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

- The groundwater samples from MW-27S, MW-90S, MW-93M1, the MW-93M1 field duplicate, MW-96M2, MW-101M1, MW-111M3, MW-112M2, and the MW-112M2 field duplicate had detections of RDX, which were verified by PDA spectra. These detections were similar to previous rounds of sampling. HMX was also detected in the first round sample collected from MW-111M3 but was not detected in this round.

- The groundwater sample from MW-135M2 had a detection of RDX, which was verified by PDA spectra. This was the first time this well was sampled and the detection was similar to the profile sample detections at the screened interval.

- The groundwater sample from MW-58S, MW-59S, MW-91M1, and MW-93S had detections of RDX and HMX, which were verified by PDA spectra. These detections are similar to previous sampling rounds.

- Groundwater samples collected from seven intervals along the well screen of 90EW0002 had detections of RDX and HMX that were verified by PDA spectra. This was the first time this extraction well has been sampled for explosives.

- The groundwater samples from MW-86S, MW-86M2, and the MW-86M2 field duplicate had detections of RDX and nitroglycerin. The RDX was verified by PDA spectra. These detections were similar to previous rounds of sampling.

- Groundwater samples collected from MW-90M1 had detections of RDX and 4A-DNT that were verified by PDA spectra. These results are similar to the results from the first round of sampling. 4A-DNT was not detected in the second sampling round for this well.

- Groundwater samples collected from MW-91S had detections of RDX, HMX, 4A-DNT and 2A-DNT that were verified by PDA spectra. These results are similar to the results from the second round of sampling. 2A-DNT was not detected in the first sampling round for this well.

- The groundwater sample from MW-97M1 had a detection of nitroglycerin, which was not verified by PDA spectra.

- The groundwater profile samples from MW-143 had detections of acetone (13 intervals), MEK (5 intervals), toluene (10 intervals), choroform (9 intervals), 1,4-dichororbenzene (1 interval), 2-hexanone (1 interval), picric acid (3 intervals), RDX (4 intervals), nitroglycerin (1 interval), HMX (2 intervals), and 2,6-DNT (1 interval). The RDX, HMX, and 2,6-DNT were verified by PDA spectra.

- The groundwater profile samples from MW-144 had detections of acetone (14 intervals), chloroform (6 intervals), MEK (2 intervals) , toluene (4 intervals), MIBK (1 interval), carbon disulfide (1 interval), picric acid (16 intervals), RDX (1 interval), nitroglycerin (2 intervals), HMX (3 intervals), 3-nitrotoluene (8 intervals), 4-nitrotoluene (4 intervals), PETN (2 intervals), 1,3-dinitrobenzene (1 interval), and 2,4-DNT (1 interval). The RDX, HMX, and 1,3-dinitrobenzene were verified by PDA spectra.

- The groundwater profile samples from MW-145 had detections of acetone (17 intervals), chloroform (9 intervals), MEK (7 intervals), toluene (6 intervals), carbon disulfide (1 interval), HMX (2 intervals), and 2,6-DNT (2 intervals). The HMX was verified by PDA spectra.

- The groundwater profile samples from MW-146 had detections of acetone (19 intervals), MEK (17 intervals), toluene (1 interval), chloroform (9 intervals), chloroethane (1 interval), chloromethane (1 interval), picric acid (5 intervals), 2,6-DNT (2 intervals), nitroglycerin (6 intervals), TNT (1 interval) and 2A-DNT (2 intervals). None of the explosives were verified by PDA spectra.

- The groundwater profile samples from MW-147 had detections of acetone (12 intervals), chloroform (5 intervals), MEK (3 intervals), RDX (6 intervals), HMX (1 interval), TNT (2 interval), 2,4-DNT (1 interval), 3-nitrotoluene (4 intervals), 4A-DNT (1 interval), 4-nitrotoluene (3 intervals), nitroglycerin (2 intervals), 1,2-dichloropropane (1 interval), and picric acid (3 intervals). The RDX (5 intervals), HMX, TNT (1 interval), and 4A-DNT were verified by PDA spectra.

- The groundwater profile samples from MW-148 had detections of acetone (15 intervals), MEK (10 intervals), and chloroform (5 intervals).

- The groundwater profile samples from MW-149 had detections of nitroglycerin (2 intervals), 2,4-DNT (1 interval), and 1,3-dinitrobenzene (1 Interval). None of the explosive detections were verified by PDA spectra.

3. DELIVERABLES SUBMITTED

Deliverables submitted during the reporting period include the following:

Weekly Progress Update (December 18 – December 22)	1/2/00
Draft Background Report (Technical Memorandum 01-1)	1/8/01
Weekly Progress Update (December 25 – December 29)	1/9/01

Monthly Progress Report #45 (December 2000)	1/9/01
Weekly Progress Update (January 1 – January 5)	1/17/01
Draft Demo 1 Groundwater Report (Technical Memorandum 01-2)	1/18/01
Draft Turpentine Road and Tank Alley Targets Report (Technical Memorandum 01-3)	1/22/01
Draft J-2 Additional Delineation Work Plan	1/23/01
Weekly Progress Update (January 7 – January 11)	1/26/01
Draft Distribution of Soil Chemicals (Technical Memorandum 01-4)	1/29/01
Draft Work Plan Addendum RRA and Release Abatement Measure Plan	1/29/01
Final Summary Report – May 2000, UXO Detonations	1/30/01
Draft Summary Report – June 2000, UXO Detonations	1/30/01
Draft Development and Initial Screening Alternatives Report Demo 1 Groundwater Operable Unit (Technical Memorandum 01-5)	1/31/01

4. SCHEDULED ACTIONS

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

- Start Revise Draft Demo 1 Groundwater Report
- Start and Finish Demo 1 Soil COCs Identification
- Start Demo 1 Soil Report Preparation
- Finish Draft Central Impact Area Groundwater Response Plan Report
- Continue J-2 Range geophysics survey
- Finish Draft J-2 Range Report
- Continue J-2 Range Additional Delineation Planning
- Start J-2 Range Additional Delineation Investigation
- Continue J-1/J-3/L Range soil/groundwater and geophysics investigations
- Continue J-1/J-3/L Range Report preparation
- Start and Finish Gun/Mortar COCs Identification
- Continue Training Areas Investigation
- Continue HUTA-1 investigation
- Continue HUTA-1 Report Preparation
- Continue Revise Draft Targets Report
- Continue Phase II (b) Investigations
- Start Phase II (b) Report Preparation
- Continue groundwater monitoring programs
- Continue Revise Draft Geophysics Report
- Finish RRA Innovative Treatment
- Start RRA Completion of Work Report
- Finish Develop Soil Background
- Start Demo 1 Soil FS Screening Report Preparation
- Start Revise Draft Demo 1 Groundwater FS Screening Report
- Start Demo 1 Groundwater ITE Treatability Studies
- Finish Draft UXO HUTA-1 FS Screening Report
- Start UXO Other Operable Units FS Screening Report

5. SUMMARY OF ACTIVITIES FOR DEMO 1

Soil sampling and munitions survey activities have been completed for Demo 1. Groundwater sampling of existing wells continues under the LTM plan, and new response wells are being sampled for the first time. The groundwater data have been evaluated to identify Chemicals of Concern (COC) in accordance with the process approved by EPA. The draft Groundwater Report (Tech Memo 01-2) was submitted on 1/18/01 and the draft Groundwater Feasibility Study Screening Report (Tech Memo 01-5) was submitted on 1/31/01. The Soil COC Report is being prepared. Groundwater samples are being analyzed and the results validated.

TABLE 2
SAMPLING PROGRESS
1/1/2001-1/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
2.A.1.00547.10.0	A.1.00547.R	01/22/2001	CRATER GRID	0.00	0.25	0.00	0.00
2.A.1.00547.10.D	A.1.00547.R	01/22/2001	CRATER GRID	0.00	0.25	0.00	0.00
2.A.1.00547.6.0	A.1.00547.R	01/22/2001	CRATER GRID	2.00	2.25	0.00	0.00
2.A.1.00547.6.D	A.1.00547.R	01/22/2001	CRATER GRID	2.00	2.25	0.00	0.00
2.A.1.00547.7.0	A.1.00547.R	01/22/2001	CRATER GRID	0.00	0.25	0.00	0.00
2.A.1.00547.7.D	A.1.00547.R	01/22/2001	CRATER GRID	0.00	0.25	0.00	0.00
2.A.1.00547.8.0	A.1.00547.R	01/22/2001	CRATER GRID	0.00	0.25	0.00	0.00
2.A.1.00547.8.D	A.1.00547.R	01/22/2001	CRATER GRID	0.00	0.25	0.00	0.00
2.A.1.00547.9.0	A.1.00547.R	01/22/2001	CRATER GRID	0.00	0.25	0.00	0.00
2.A.1.00547.9.D	A.1.00547.R	01/22/2001	CRATER GRID	0.00	0.25	0.00	0.00
2.A.2.00503.10.0	A.2.00503.R	01/22/2001	CRATER GRID	0.00	0.25	0.00	0.00
2.A.2.00503.6.0	A.2.00503.R	01/22/2001	CRATER GRID	1.75	2.00	0.00	0.00
2.A.2.00503.7.0	A.2.00503.R	01/22/2001	CRATER GRID	0.00	0.25	0.00	0.00
2.A.2.00503.8.0	A.2.00503.R	01/22/2001	CRATER GRID	0.00	0.25	0.00	0.00
2.A.2.00503.9.0	A.2.00503.R	01/22/2001	CRATER GRID	0.00	0.25	0.00	0.00
2.A.2.00514.10.0	A.2.00514.R	01/22/2001	CRATER GRID	2.50	2.75	0.00	0.00
2.A.2.00514.6.0	A.2.00514.R	01/22/2001	CRATER GRID	2.50	2.75	0.00	0.00
2.A.2.00514.7.0	A.2.00514.R	01/22/2001	CRATER GRID	2.50	2.75	0.00	0.00
2.A.2.00514.8.0	A.2.00514.R	01/22/2001	CRATER GRID	2.50	2.75	0.00	0.00
2.A.2.00514.9.0	A.2.00514.R	01/22/2001	CRATER GRID	2.50	2.75	0.00	0.00
2.A.2.00515.10.0	A.2.00515.R	01/22/2001	CRATER GRID	1.50	1.75	0.00	0.00
2.A.2.00515.6.0	A.2.00515.R	01/22/2001	CRATER GRID	1.50	1.75	0.00	0.00
2.A.2.00515.7.0	A.2.00515.R	01/22/2001	CRATER GRID	1.50	1.75	0.00	0.00
2.A.2.00515.8.0	A.2.00515.R	01/22/2001	CRATER GRID	1.50	1.75	0.00	0.00
2.A.2.00515.9.0	A.2.00515.R	01/22/2001	CRATER GRID	1.50	1.75	0.00	0.00
J3.A.3.00299.1.0	J3.3.00299.R	01/22/2001	CRATER GRID	1.00	1.25	0.00	0.00
J3.A.3.00299.2.0	J3.3.00299.R	01/22/2001	CRATER GRID	1.00	1.25	0.00	0.00
J3.A.3.00300.1.0	J3.3.00300.R	01/22/2001	CRATER GRID	0.75	1.00	0.00	0.00
J3.A.3.00300.2.0	J3.3.00300.R	01/22/2001	CRATER GRID	0.75	1.00	0.00	0.00
J3.A.3.00301.1.0	J3.3.00301.R	01/22/2001	CRATER GRID	1.00	1.25	0.00	0.00
J3.A.3.00301.2.0	J3.3.00301.R	01/22/2001	CRATER GRID	1.00	1.25	0.00	0.00
J3.A.3.00302.1.0	J3.3.00302.R	01/22/2001	CRATER GRID	1.00	1.25	0.00	0.00
J3.A.3.00302.2.0	J3.3.00302.R	01/22/2001	CRATER GRID	1.00	1.25	0.00	0.00
J3.A.3.00303.1.0	J3.3.00303.R	01/22/2001	CRATER GRID	0.75	1.00	0.00	0.00
J3.A.3.00303.1.D	J3.3.00303.R	01/22/2001	CRATER GRID	0.75	1.00	0.00	0.00
J3.A.3.00303.2.0	J3.3.00303.R	01/22/2001	CRATER GRID	0.75	1.00	0.00	0.00
J3.A.3.00303.2.D	J3.3.00303.R	01/22/2001	CRATER GRID	0.75	1.00	0.00	0.00
0.G.0.00022.0.E	FIELDQC	01/31/2001	FIELDQC	0.00	0.00	0.00	0.00
0.G.0.00023.0.E	FIELDQC	01/31/2001	FIELDQC	0.00	0.00	0.00	0.00
0.G.0.00045.0.T	FIELDQC	01/04/2001	FIELDQC	0.00	0.00	0.00	0.00
0.G.0.00046.0.T	FIELDQC	01/09/2001	FIELDQC	0.00	0.00	0.00	0.00
0.G.0.00047.0.T	FIELDQC	01/11/2001	FIELDQC	0.00	0.00	0.00	0.00
0.G.0.00048.0.T	FIELDQC	01/15/2001	FIELDQC	0.00	0.00	0.00	0.00
0.G.0.00049.0.T	FIELDQC	01/19/2001	FIELDQC	0.00	0.00	0.00	0.00
0.G.0.00050.0.T	FIELDQC	01/18/2001	FIELDQC	0.00	0.00	0.00	0.00
0.G.0.00051.0.T	FIELDQC	01/22/2001	FIELDQC	0.00	0.00	0.00	0.00
0.G.0.00052.0.T	FIELDQC	01/31/2001	FIELDQC	0.00	0.00	0.00	0.00
90EW0001AE	FIELDQC	01/19/2001	FIELDQC	0.00	0.00	0.00	0.00
90EW0002DE	FIELDQC	01/22/2001	FIELDQC	0.00	0.00	0.00	0.00

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SAMPLING PROGRESS
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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
90EW0003DE	FIELDQC	01/24/2001	FIELDQC	0.00	0.00	0.00	0.00
90MP0060AE	FIELDQC	01/26/2001	FIELDQC	0.00	0.00	0.00	0.00
90MW0006E	FIELDQC	01/23/2001	FIELDQC	0.00	0.00	0.00	0.00
90MW0010AE	FIELDQC	01/31/2001	FIELDQC	0.00	0.00	0.00	0.00
90MW0022AE	FIELDQC	01/30/2001	FIELDQC	0.00	0.00	0.00	0.00
90MW0054AE	FIELDQC	01/30/2001	FIELDQC	0.00	0.00	0.00	0.00
90MW0070AE	FIELDQC	01/31/2001	FIELDQC	0.00	0.00	0.00	0.00
90MW0101E	FIELDQC	01/26/2001	FIELDQC	0.00	0.00	0.00	0.00
AVERYVPHAT	FIELDQC	01/25/2001	FIELDQC	0.00	0.00	0.00	0.00
G143DEE	FIELDQC	01/02/2001	FIELDQC	0.00	0.00	0.00	0.00
G143DET	FIELDQC	01/02/2001	FIELDQC	0.00	0.00	0.00	0.00
G143DIT	FIELDQC	01/03/2001	FIELDQC	0.00	0.00	0.00	0.00
G144DAE	FIELDQC	01/03/2001	FIELDQC	0.00	0.00	0.00	0.00
G144DEE	FIELDQC	01/04/2001	FIELDQC	0.00	0.00	0.00	0.00
G144DET	FIELDQC	01/04/2001	FIELDQC	0.00	0.00	0.00	0.00
G144DRE	FIELDQC	01/08/2001	FIELDQC	0.00	0.00	0.00	0.00
G144DRT	FIELDQC	01/08/2001	FIELDQC	0.00	0.00	0.00	0.00
G145DGE	FIELDQC	01/05/2001	FIELDQC	0.00	0.00	0.00	0.00
G145DGT	FIELDQC	01/05/2001	FIELDQC	0.00	0.00	0.00	0.00
G145DRE	FIELDQC	01/09/2001	FIELDQC	0.00	0.00	0.00	0.00
G145DRT	FIELDQC	01/09/2001	FIELDQC	0.00	0.00	0.00	0.00
G146DAE	FIELDQC	01/15/2001	FIELDQC	0.00	0.00	0.00	0.00
G146DAT	FIELDQC	01/15/2001	FIELDQC	0.00	0.00	0.00	0.00
G146DHE	FIELDQC	01/16/2001	FIELDQC	0.00	0.00	0.00	0.00
G146DHT	FIELDQC	01/16/2001	FIELDQC	0.00	0.00	0.00	0.00
G147DAE	FIELDQC	01/17/2001	FIELDQC	0.00	0.00	0.00	0.00
G147DAT	FIELDQC	01/17/2001	FIELDQC	0.00	0.00	0.00	0.00
G147DSE	FIELDQC	01/19/2001	FIELDQC	0.00	0.00	0.00	0.00
G147DST	FIELDQC	01/19/2001	FIELDQC	0.00	0.00	0.00	0.00
G148DJE	FIELDQC	01/18/2001	FIELDQC	0.00	0.00	0.00	0.00
G148DJT	FIELDQC	01/18/2001	FIELDQC	0.00	0.00	0.00	0.00
G149DAE	FIELDQC	01/29/2001	FIELDQC	0.00	0.00	0.00	0.00
G149DEE	FIELDQC	01/30/2001	FIELDQC	0.00	0.00	0.00	0.00
G149DME	FIELDQC	01/31/2001	FIELDQC	0.00	0.00	0.00	0.00
HC103BI1AAE	FIELDQC	01/04/2001	FIELDQC	0.00	0.00	0.00	0.00
HC103BJ1AAE	FIELDQC	01/05/2001	FIELDQC	0.00	0.00	0.00	0.00
W142M1T	FIELDQC	01/29/2001	FIELDQC	0.00	0.00	0.00	0.00
W28M1F	FIELDQC	01/10/2001	FIELDQC	0.00	0.00	0.00	0.00
W28M2T	FIELDQC	01/12/2001	FIELDQC	0.00	0.00	0.00	0.00
W94M2T	FIELDQC	01/11/2001	FIELDQC	0.00	0.00	0.00	0.00
WW013101E	FIELDQC	01/31/2001	FIELDQC	0.00	0.00	0.00	0.00
WW013101T	FIELDQC	01/31/2001	FIELDQC	0.00	0.00	0.00	0.00
90EW0001AA	90EW0001AA	01/18/2001	GROUNDWATER	83.00	83.00	63.00	63.00
90EW0001BA	90EW0001BA	01/19/2001	GROUNDWATER	93.00	93.00	71.80	71.80
90EW0001CA	90EW0001CA	01/19/2001	GROUNDWATER	103.00	103.00	81.80	81.80
90EW0001CD	90EW0001CA	01/19/2001	GROUNDWATER	103.00	103.00	81.80	81.80
90EW0001DA	90EW0001DA	01/19/2001	GROUNDWATER	113.00	113.00	91.80	91.80
90EW0001EA	90EW0001EA	01/22/2001	GROUNDWATER	123.00	123.00	102.00	102.00
90EW0001FA	90EW0001FA	01/22/2001	GROUNDWATER	133.00	133.00	112.00	112.00

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90EW0001GA	90EW0001GA	01/23/2001	GROUNDWATER	143.00	143.00	122.00	122.00
90EW0002AA	90EW0002AA	01/19/2001	GROUNDWATER	86.00	86.00	61.30	61.30
90EW0002BA	90EW0002BA	01/19/2001	GROUNDWATER	96.00	96.00	71.30	71.30
90EW0002CA	90EW0002CA	01/19/2001	GROUNDWATER	106.00	106.00	81.30	81.30
90EW0002DA	90EW0002DA	01/22/2001	GROUNDWATER	116.00	116.00	91.20	91.20
90EW0002EA	90EW0002EA	01/23/2001	GROUNDWATER	126.00	126.00	101.20	101.20
90EW0002FA	90EW0002FA	01/23/2001	GROUNDWATER	136.00	136.00	111.20	111.20
90EW0002GA	90EW0002GA	01/23/2001	GROUNDWATER	146.00	146.00	121.20	121.20
90EW0003AA	90EW0003AA	01/23/2001	GROUNDWATER	95.00	95.00	64.15	64.15
90EW0003BA	90EW0003BA	01/23/2001	GROUNDWATER	105.00	105.00	74.15	74.15
90EW0003CA	90EW0003CA	01/23/2001	GROUNDWATER	115.00	115.00	84.15	84.15
90EW0003DA	90EW0003DA	01/24/2001	GROUNDWATER	125.00	125.00	91.10	91.10
90EW0003DD	90EW0003DA	01/24/2001	GROUNDWATER	125.00	125.00	91.10	91.10
90EW0003EA	90EW0003EA	01/24/2001	GROUNDWATER	135.00	135.00	101.10	101.10
90EW0003FA	90EW0003FA	01/24/2001	GROUNDWATER	145.00	145.00	111.10	111.10
90EW0003GA	90EW0003GA	01/24/2001	GROUNDWATER	155.00	155.00	121.10	121.10
90MP0059AA	90MP0059AA	01/26/2001	GROUNDWATER	95.00	105.00	0.00	0.00
90MP0059BA	90MP0059BA	01/26/2001	GROUNDWATER	112.00	117.00	0.00	0.00
90MP0059CA	90MP0059CA	01/30/2001	GROUNDWATER			0.00	0.00
90MP0060AA	90MP0060AA	01/26/2001	GROUNDWATER	170.00	172.00	0.00	0.00
90MP0060BA	90MP0060BA	01/25/2001	GROUNDWATER	151.00	152.00	0.00	0.00
90MP0060CA	90MP0060CA	01/25/2001	GROUNDWATER	126.00	128.00	0.00	0.00
90MP0060CD	90MP0060CA	01/25/2001	GROUNDWATER	126.00	128.00	0.00	0.00
90MP0060DA	90MP0060DA	01/25/2001	GROUNDWATER	102.00	104.00	0.00	0.00
90MW0006	90MW0006	01/23/2001	GROUNDWATER	132.00	137.00	52.75	57.75
90MW0010AA	90MW0010AA	01/31/2001	GROUNDWATER	11.00	21.00	0.00	7.35
90MW0022AA	90MW0022AA	01/30/2001	GROUNDWATER	111.00	116.00	70.41	75.41
90MW0054AA	90MW0054AA	01/30/2001	GROUNDWATER	107.00	112.00	90.41	95.41
90MW0054AD	90MW0054AA	01/30/2001	GROUNDWATER	107.00	112.00	90.41	95.41
90MW0063AA	90MW0063AA	01/30/2001	GROUNDWATER	50.00	55.00	31.55	36.55
90MW0063AD	90MW0063AA	01/30/2001	GROUNDWATER	50.00	55.00	31.55	36.55
90MW0070AA	90MW0070AA	01/31/2001	GROUNDWATER	132.50	137.50	75.05	80.05
90MW0071AA	90MW0071AA	01/31/2001	GROUNDWATER	150.00	155.00	78.70	83.70
90MW0101	90MW0101	01/26/2001	GROUNDWATER	113.00	118.00	104.40	109.40
90MW0102	90MW0102	01/26/2001	GROUNDWATER	113.00	118.00	108.20	113.20
RS0009CARR	RS0009CARR	01/09/2001	GROUNDWATER			0.00	0.00
W100M1A	MW-100	01/27/2001	GROUNDWATER	179.00	189.00	43.80	53.80
W100M2A	MW-100	01/27/2001	GROUNDWATER	164.00	174.00	0.00	10.00
W100M2D	MW-100	01/27/2001	GROUNDWATER	164.00	174.00	0.00	10.00
W101M1A	MW-101	01/22/2001	GROUNDWATER	158.00	168.00	24.98	34.98
W101SSA	MW-101	01/22/2001	GROUNDWATER	131.00	141.00	0.00	10.00
W102M1A	MW-102	01/05/2001	GROUNDWATER	267.00	277.00	121.07	131.07
W102M1D	MW-102	01/05/2001	GROUNDWATER	267.00	277.00	121.07	131.07
W102M2A	MW-102	01/05/2001	GROUNDWATER	237.00	247.00	90.92	100.92
W102SSA	MW-102	01/08/2001	GROUNDWATER	145.00	155.00	0.00	10.00
W103M1A	MW-103	01/17/2001	GROUNDWATER	298.00	308.00	153.66	163.66
W103M2A	MW-103	01/05/2001	GROUNDWATER	282.00	292.00	137.67	147.67
W103SSA	MW-103	01/05/2001	GROUNDWATER	143.00	153.00	0.00	10.00
W104M1A	MW-104	01/12/2001	GROUNDWATER	155.00	165.00	34.50	44.50

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W104M2A	MW-104	01/15/2001	GROUNDWATER	135.00	145.00	14.68	24.68
W104SSA	MW-104	01/11/2001	GROUNDWATER	118.00	128.00	0.00	10.00
W105M1A	MW-105	01/27/2001	GROUNDWATER	205.00	215.00	74.65	84.65
W105M2A	MW-105	01/27/2001	GROUNDWATER	165.00	175.00	34.55	44.55
W106M1A	MW-106	01/27/2001	GROUNDWATER	170.50	180.50	34.75	44.75
W106M2A	MW-106	01/27/2001	GROUNDWATER	140.50	150.50	4.70	14.70
W107M1A	MW-107	01/27/2001	GROUNDWATER	155.00	165.00	32.65	42.65
W107M2A	MW-107	01/27/2001	GROUNDWATER	125.00	135.00	2.65	12.65
W107M2D	MW-107	01/27/2001	GROUNDWATER	125.00	135.00	2.65	12.65
W108DDA	MW-108	01/15/2001	GROUNDWATER	317.00	327.00	150.50	160.50
W108M1A	MW-108	01/16/2001	GROUNDWATER	297.00	307.00	130.06	140.06
W108M2A	MW-108	01/16/2001	GROUNDWATER	282.00	292.00	115.45	125.45
W108M3A	MW-108	01/15/2001	GROUNDWATER	262.00	272.00	95.46	105.46
W108M4A	MW-108	01/15/2001	GROUNDWATER	240.00	250.00	73.41	83.41
W109SSA	MW-109	01/16/2001	GROUNDWATER	89.00	99.00	0.00	10.00
W110M1A	MW-110	01/15/2001	GROUNDWATER	315.50	325.50	139.00	149.00
W110M2A	MW-110	01/15/2001	GROUNDWATER	248.50	258.50	72.50	82.50
W110M3A	MW-110	01/15/2001	GROUNDWATER	220.50	230.50	44.50	54.50
W110M3D	MW-110	01/15/2001	GROUNDWATER	220.50	230.50	44.50	54.50
W111M1A	MW-111	01/17/2001	GROUNDWATER	224.00	234.00	78.80	88.80
W111M2A	MW-111	01/17/2001	GROUNDWATER	182.00	192.00	46.80	56.80
W111M3A	MW-111	01/17/2001	GROUNDWATER	165.00	175.00	29.80	39.80
W112M1A	MW-112	01/16/2001	GROUNDWATER	195.00	205.00	54.35	64.35
W112M2A	MW-112	01/16/2001	GROUNDWATER	165.00	175.00	24.20	34.20
W112M2D	MW-112	01/16/2001	GROUNDWATER	165.00	175.00	24.20	34.20
W113M1A	MW-113	01/16/2001	GROUNDWATER	240.00	250.00	95.90	105.90
W113M2A	MW-113	01/15/2001	GROUNDWATER	190.00	200.00	47.14	57.14
W118M1A	MW-118	01/08/2001	GROUNDWATER	146.00	156.00	34.40	44.40
W118SSA	MW-118	01/08/2001	GROUNDWATER	116.00	126.00	4.45	14.45
W123M1A	MW-123	01/16/2001	GROUNDWATER	291.00	301.00	145.40	155.40
W123M2A	MW-123	01/16/2001	GROUNDWATER	236.00	246.00	90.50	100.50
W123SSA	MW-123	01/16/2001	GROUNDWATER	139.00	149.00	0.00	10.00
W124M1A	MW-124	01/16/2001	GROUNDWATER	234.00	244.00	100.30	110.30
W124M1D	MW-124	01/16/2001	GROUNDWATER	234.00	244.00	100.30	110.30
W124M2A	MW-124	01/16/2001	GROUNDWATER	219.00	229.00	85.25	95.25
W124M3A	MW-124	01/16/2001	GROUNDWATER	160.00	170.00	26.24	36.24
W129M1A	MW-129	01/02/2001	GROUNDWATER	136.00	146.00	64.04	74.04
W129M2A	MW-129	01/02/2001	GROUNDWATER	116.00	126.00	44.02	54.02
W129SSA	MW-129	01/02/2001	GROUNDWATER	96.00	106.00	23.35	33.35
W131M1A	MW-131	01/08/2001	GROUNDWATER	195.00	205.00	96.15	106.15
W131SSA	MW-131	01/08/2001	GROUNDWATER	96.00	106.00	0.00	10.00
W134M1A	MW-134	01/09/2001	GROUNDWATER	250.00	260.00	113.90	123.90
W134M2A	MW-134	01/09/2001	GROUNDWATER	170.00	180.00	24.08	44.08
W134SSA	MW-134	01/09/2001	GROUNDWATER	133.00	143.00	0.00	10.00
W135M1A	MW-134	01/09/2001	GROUNDWATER	319.00	329.00	24.08	44.08
W135M2A	MW-135	01/09/2001	GROUNDWATER	280.00	290.00	90.90	100.90
W135M3A	MW-135	01/09/2001	GROUNDWATER	239.00	249.00	49.90	59.90
W138M1A	MW-138	01/09/2001	GROUNDWATER	253.00	263.00	129.65	139.65
W138M2A	MW-138	01/09/2001	GROUNDWATER	151.00	161.00	27.25	37.25

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W138M3A	MW-138	01/15/2001	GROUNDWATER	135.00	145.00	11.55	21.55
W138M3D	MW-138	01/15/2001	GROUNDWATER	135.00	145.00	11.55	21.55
W142M1A	MW-142	01/29/2001	GROUNDWATER	225.00	235.00	180.50	190.50
W142M2A	MW-142	01/29/2001	GROUNDWATER	140.00	150.00	95.10	105.10
W142SSA	MW-142	01/29/2001	GROUNDWATER	42.00	52.00	0.00	10.00
W15M1A	MW-15	01/11/2001	GROUNDWATER	163.00	173.00	51.00	61.00
W15M2A	MW-15	01/11/2001	GROUNDWATER	144.00	154.00	32.00	42.00
W15M3A	MW-15	01/11/2001	GROUNDWATER	124.00	134.00	12.00	22.00
W28M1A	MW-28	01/10/2001	GROUNDWATER	270.00	280.00	168.50	178.50
W28M1A	MW-28	01/12/2001	GROUNDWATER	270.00	280.00	168.50	178.50
W28M1D	MW-28	01/10/2001	GROUNDWATER	270.00	280.00	168.50	178.50
W28M2A	MW-28	01/10/2001	GROUNDWATER	175.00	185.00	73.50	83.50
W28M2A	MW-28	01/12/2001	GROUNDWATER	175.00	185.00	73.50	83.50
W86M1A	MW-86	01/03/2001	GROUNDWATER	208.00	218.00	62.32	72.32
W86M2A	MW-86	01/03/2001	GROUNDWATER	158.00	168.00	12.37	22.37
W86M2D	MW-86	01/03/2001	GROUNDWATER	158.00	168.00	12.37	22.37
W86SSA	MW-86	01/03/2001	GROUNDWATER	143.00	153.00	0.00	10.00
W87M1A	MW-87	01/10/2001	GROUNDWATER	194.00	204.00	59.53	69.53
W87M2A	MW-87	01/10/2001	GROUNDWATER	169.00	179.00	34.42	44.42
W87SSA	MW-87	01/10/2001	GROUNDWATER	140.00	150.00	0.00	10.00
W88M1A	MW-88	01/10/2001	GROUNDWATER	233.00	243.00	89.58	99.58
W88M2A	MW-88	01/10/2001	GROUNDWATER	213.00	223.00	69.60	79.60
W88M3A	MW-88	01/10/2001	GROUNDWATER	173.00	183.00	29.56	39.56
W89M1A	MW-89	01/11/2001	GROUNDWATER	234.00	244.00	89.17	99.17
W89M2A	MW-89	01/11/2001	GROUNDWATER	214.00	224.00	68.95	78.95
W89M3A	MW-89	01/11/2001	GROUNDWATER	174.00	184.00	28.82	38.82
W90M1A	MW-90	01/20/2001	GROUNDWATER	145.00	155.00	24.45	34.45
W90SSA	MW-90	01/20/2001	GROUNDWATER	118.00	128.00	0.00	10.00
W91M1A	MW-91	01/20/2001	GROUNDWATER	170.00	180.00	42.85	52.85
W91SSA	MW-91	01/20/2001	GROUNDWATER	124.00	134.00	0.00	10.00
W92M1A	MW-92	01/13/2001	GROUNDWATER	165.00	175.00	24.06	34.06
W92SSA	MW-92	01/13/2001	GROUNDWATER	139.00	149.00	0.00	10.00
W93M1A	MW-93	01/22/2001	GROUNDWATER	185.00	195.00	54.20	64.20
W93M1D	MW-93	01/22/2001	GROUNDWATER	185.00	195.00	54.20	64.20
W93SSA	MW-93	01/20/2001	GROUNDWATER	145.00	155.00	14.05	24.05
W94M1A	MW-94	01/12/2001	GROUNDWATER	160.00	170.00	34.03	44.03
W94M1D	MW-94	01/12/2001	GROUNDWATER	160.00	170.00	34.03	44.03
W94M2A	MW-94	01/11/2001	GROUNDWATER	140.00	150.00	14.04	24.04
W94SSA	MW-94	01/12/2001	GROUNDWATER	124.00	134.00	0.00	10.00
W95M1A	MW-95	01/10/2001	GROUNDWATER	202.00	212.00	74.99	84.99
W95M2A	MW-95	01/10/2001	GROUNDWATER	167.00	177.00	39.95	49.95
W95SSA	MW-95	01/10/2001	GROUNDWATER	125.00	135.00	0.00	10.00
W96M1A	MW-96	01/08/2001	GROUNDWATER	206.00	216.00	69.69	79.69
W96M2A	MW-96	01/08/2001	GROUNDWATER	160.00	170.00	23.52	33.52
W96SSA	MW-96	01/09/2001	GROUNDWATER	134.00	144.00	0.00	10.00
W97M1A	MW-97	01/03/2001	GROUNDWATER	235.00	245.00	110.00	120.00
W97M2A	MW-97	01/03/2001	GROUNDWATER	185.00	195.00	59.97	69.97
W97M3A	MW-97	01/08/2001	GROUNDWATER	140.00	150.00	15.03	25.03
W98M1A	MW-98	01/13/2001	GROUNDWATER	164.00	174.00	25.06	35.06

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TABLE 2
SAMPLING PROGRESS
1/1/2001-1/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W98SSA	MW-98	01/13/2001	GROUNDWATER	137.00	147.00	0.00	10.00
W99M1A	MW-99	01/13/2001	GROUNDWATER	195.00	205.00	55.00	65.00
W99SSA	MW-99	01/13/2001	GROUNDWATER	133.00	143.00	0.00	10.00
DW013001	GAC WATER	01/30/2001	IDW			0.00	0.00
DW1410109	GACWATER	01/09/2001	IDW			0.00	0.00
DW144012401	GAC WATER	01/24/2001	IDW			0.00	0.00
DWDEC012901	GAC WATER	01/29/2001	IDW			0.00	0.00
PWPPC15JA0A	RRA CONTAINMEN-	01/15/2001	IDW			0.00	0.00
PWPPC16JA0A	RRA CONTAINMEN-	01/16/2001	IDW			0.00	0.00
PWPPC19JA0A	RRA CONTAINMEN-	01/19/2001	IDW			0.00	0.00
PWPPC25JA1A	RRA CONTAINMEN-	01/25/2001	IDW			0.00	0.00
PWPPC30JA1A	RRA CONTAINMEN-	01/30/2001	IDW			0.00	0.00
PWPPC31JA1A	RRA CONTAINMEN-	01/31/2001	IDW			0.00	0.00
SC13801	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC13802	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC13901	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC13902	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC14001	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC14002	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC14101	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC14102	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC14201	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC14202	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC14301	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC14302	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC14401	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC14402	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC14501	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC14502	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC14601	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC14602	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC14701	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC14702	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC14801	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
SC14802	SOIL CUTTINGS	01/24/2001	IDW	0.00	0.25	0.00	0.00
G143DEA	MW-143	01/02/2001	PROFILE	80.00	80.00	46.10	46.10
G143DFA	MW-143	01/02/2001	PROFILE	90.00	90.00	56.10	56.10
G143DFD	MW-143	01/02/2001	PROFILE	90.00	90.00	56.10	56.10
G143DGA	MW-143	01/02/2001	PROFILE	100.00	100.00	66.10	66.10
G143DHA	MW-143	01/02/2001	PROFILE	110.00	110.00	76.10	76.10
G143DIA	MW-143	01/03/2001	PROFILE	120.00	120.00	86.10	86.10
G143DJA	MW-143	01/03/2001	PROFILE	130.00	130.00	96.10	96.10
G143DKA	MW-143	01/03/2001	PROFILE	140.00	140.00	106.10	106.10
G143DLA	MW-143	01/03/2001	PROFILE	150.00	150.00	116.10	116.10
G143DMA	MW-143	01/04/2001	PROFILE	160.00	160.00	126.10	126.10
G143DMD	MW-143	01/04/2001	PROFILE	160.00	160.00	126.10	136.10
G143DNA	MW-143	01/04/2001	PROFILE	170.00	170.00	136.10	136.10
G143DOA	MW-143	01/04/2001	PROFILE	180.00	180.00	146.10	146.10
G143DPA	MW-143	01/04/2001	PROFILE	190.00	190.00	156.10	156.10

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SAMPLING PROGRESS
1/1/2001-1/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G143DQA	MW-143	01/04/2001	PROFILE	200.00	200.00	166.10	166.10
G143DRA	MW-143	01/04/2001	PROFILE	210.00	210.00	176.10	176.10
G143DSA	MW-143	01/05/2001	PROFILE	220.00	220.00	186.10	186.10
G143DUA	MW-143	01/05/2001	PROFILE	240.00	240.00	206.10	206.10
G143DUD	MW-143	01/05/2001	PROFILE	240.00	240.00	206.10	206.10
G144DAA	MW-144	01/03/2001	PROFILE	30.00	30.00	1.70	1.70
G144DBA	MW-144	01/03/2001	PROFILE	40.00	40.00	11.70	11.70
G144DCA	MW-144	01/03/2001	PROFILE	50.00	50.00	21.70	21.70
G144DCD	MW-144	01/03/2001	PROFILE	50.00	50.00	21.70	21.70
G144DDA	MW-144	01/03/2001	PROFILE	60.00	60.00	31.70	31.70
G144DEA	MW-144	01/04/2001	PROFILE	70.00	70.00	41.70	41.70
G144DFA	MW-144	01/04/2001	PROFILE	80.00	80.00	51.70	51.70
G144DGA	MW-144	01/04/2001	PROFILE	90.00	90.00	61.70	61.70
G144DHA	MW-144	01/04/2001	PROFILE	100.00	100.00	71.70	71.70
G144DIA	MW-144	01/04/2001	PROFILE	110.00	110.00	81.70	81.70
G144DJA	MW-144	01/04/2001	PROFILE	120.00	120.00	91.70	91.70
G144DKA	MW-144	01/04/2001	PROFILE	130.00	130.00	101.70	101.70
G144DLA	MW-144	01/04/2001	PROFILE	140.00	140.00	111.70	111.70
G144DLD	MW-144	01/04/2001	PROFILE	140.00	140.00	111.70	111.70
G144DMA	MW-144	01/05/2001	PROFILE	150.00	150.00	121.70	121.70
G144DNA	MW-144	01/05/2001	PROFILE	160.00	160.00	131.70	131.70
G144DOA	MW-144	01/05/2001	PROFILE	170.00	170.00	141.70	141.70
G144DPA	MW-144	01/05/2001	PROFILE	180.00	180.00	151.70	151.70
G144DQA	MW-144	01/05/2001	PROFILE	190.00	190.00	161.70	161.70
G144DRA	MW-144	01/08/2001	PROFILE	200.00	200.00	171.70	171.70
G144DSA	MW-144	01/08/2001	PROFILE	210.00	210.00	181.70	181.70
G144DUA	MW-144	01/08/2001	PROFILE	230.00	230.00	201.70	201.70
G144DUD	MW-144	01/08/2001	PROFILE	230.00	230.00	201.70	201.70
G145DAA	MW-145	01/04/2001	PROFILE	40.00	40.00	6.40	6.40
G145DBA	MW-145	01/04/2001	PROFILE	50.00	50.00	16.40	16.40
G145DCA	MW-145	01/04/2001	PROFILE	60.00	60.00	26.40	26.40
G145DCD	MW-145	01/04/2001	PROFILE	60.00	60.00	26.40	26.40
G145DDA	MW-145	01/04/2001	PROFILE	70.00	70.00	36.40	36.40
G145DEA	MW-145	01/04/2001	PROFILE	80.00	80.00	46.40	46.40
G145DFA	MW-145	01/04/2001	PROFILE	90.00	90.00	56.40	56.40
G145DGA	MW-145	01/05/2001	PROFILE	100.00	100.00	66.40	66.40
G145DHA	MW-145	01/05/2001	PROFILE	110.00	110.00	76.40	76.40
G145DIA	MW-145	01/05/2001	PROFILE	120.00	120.00	86.40	86.40
G145DJA	MW-145	01/05/2001	PROFILE	130.00	130.00	96.40	96.40
G145DKA	MW-145	01/05/2001	PROFILE	140.00	140.00	106.40	106.40
G145DLA	MW-145	01/05/2001	PROFILE	150.00	150.00	116.40	116.40
G145DLD	MW-145	01/05/2001	PROFILE	150.00	150.00	116.40	116.40
G145DMA	MW-145	01/08/2001	PROFILE	160.00	160.00	126.40	126.40
G145DNA	MW-145	01/08/2001	PROFILE	170.00	170.00	136.40	136.40
G145DOA	MW-145	01/08/2001	PROFILE	180.00	180.00	146.40	146.40
G145DPA	MW-145	01/08/2001	PROFILE	190.00	190.00	156.40	156.40
G145DQA	MW-145	01/09/2001	PROFILE	200.00	200.00	166.40	166.40
G145DRA	MW-145	01/09/2001	PROFILE	210.00	210.00	176.40	176.40
G145DSA	MW-145	01/09/2001	PROFILE	220.00	220.00	186.40	186.40

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SAMPLING PROGRESS
1/1/2001-1/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G145DTA	MW-145	01/09/2001	PROFILE	230.00	230.00	196.40	196.40
G145DTD	MW-145	01/09/2001	PROFILE	230.00	230.00	196.40	196.40
G146DAA	MW-146	01/15/2001	PROFILE	100.00	100.00	5.90	5.90
G146DBA	MW-146	01/15/2001	PROFILE	110.00	110.00	15.90	15.90
G146DCA	MW-146	01/15/2001	PROFILE	120.00	120.00	25.90	25.90
G146DCD	MW-146	01/15/2001	PROFILE	120.00	120.00	25.90	25.90
G146DDA	MW-146	01/15/2001	PROFILE	130.00	130.00	35.90	35.90
G146DEA	MW-146	01/15/2001	PROFILE	140.00	140.00	45.90	45.95
G146DFA	MW-146	01/15/2001	PROFILE	150.00	150.00	55.90	55.95
G146DGA	MW-146	01/15/2001	PROFILE	160.00	160.00	65.90	65.90
G146DHA	MW-146	01/16/2001	PROFILE	170.00	170.00	75.90	75.90
G146DIA	MW-146	01/16/2001	PROFILE	180.00	180.00	85.90	85.90
G146DJA	MW-146	01/16/2001	PROFILE	190.00	190.00	95.90	95.90
G146DKA	MW-146	01/16/2001	PROFILE	200.00	200.00	105.90	105.90
G146DLA	MW-146	01/16/2001	PROFILE	210.00	210.00	115.90	115.90
G146DLD	MW-146	01/16/2001	PROFILE	210.00	210.00	115.90	115.90
G146DMA	MW-146	01/17/2001	PROFILE	220.00	220.00	125.90	125.90
G146DNA	MW-146	01/17/2001	PROFILE	230.00	230.00	135.90	135.90
G146DOA	MW-146	01/17/2001	PROFILE	240.00	240.00	145.90	145.90
G146DPA	MW-146	01/17/2001	PROFILE	250.00	250.00	155.90	155.90
G146DQA	MW-146	01/17/2001	PROFILE	260.00	260.00	165.90	165.90
G146DRA	MW-146	01/17/2001	PROFILE	270.00	270.00	175.90	175.90
G146DSA	MW-146	01/18/2001	PROFILE	280.00	280.00	185.90	185.90
G146DTA	MW-146	01/18/2001	PROFILE	290.00	290.00	195.90	195.90
G147DAA	MW-147	01/17/2001	PROFILE	90.00	90.00	13.40	13.40
G147DBA	MW-147	01/17/2001	PROFILE	100.00	100.00	23.40	23.40
G147DCA	MW-147	01/17/2001	PROFILE	110.00	110.00	33.40	33.40
G147DCD	MW-147	01/17/2001	PROFILE	110.00	110.00	33.40	33.40
G147DDA	MW-147	01/17/2001	PROFILE	120.00	120.00	43.40	43.40
G147DEA	MW-147	01/17/2001	PROFILE	130.00	130.00	53.40	53.40
G147DFA	MW-147	01/17/2001	PROFILE	140.00	140.00	63.40	63.40
G147DGA	MW-147	01/17/2001	PROFILE	150.00	150.00	73.40	73.40
G147DHA	MW-147	01/17/2001	PROFILE	160.00	160.00	83.40	83.40
G147DIA	MW-147	01/18/2001	PROFILE	170.00	170.00	93.40	93.40
G147DJA	MW-147	01/18/2001	PROFILE	180.00	180.00	103.40	103.40
G147DKA	MW-147	01/18/2001	PROFILE	190.00	190.00	113.40	113.40
G147DLA	MW-147	01/18/2001	PROFILE	200.00	200.00	123.40	123.40
G147DLD	MW-147	01/18/2001	PROFILE	210.00	210.00	133.40	133.40
G147DMA	MW-147	01/18/2001	PROFILE	220.00	220.00	143.40	143.40
G147DOA	MW-147	01/18/2001	PROFILE	230.00	230.00	153.40	153.40
G147DPA	MW-147	01/18/2001	PROFILE	240.00	240.00	163.40	163.40
G147DQA	MW-147	01/18/2001	PROFILE	250.00	250.00	173.40	173.40
G147DRA	MW-147	01/19/2001	PROFILE	260.00	260.00	183.40	183.40
G147DSA	MW-147	01/19/2001	PROFILE	270.00	270.00	193.40	193.40
G147DTA	MW-147	01/19/2001	PROFILE	276.00	276.00	199.40	199.40
G147DTD	MW-147	01/19/2001	PROFILE	276.00	276.00	199.40	199.40
G148DAA	MW-148	01/17/2001	PROFILE	70.00	70.00	7.00	7.00
G148DBA	MW-148	01/17/2001	PROFILE	80.00	80.00	17.00	17.00
G148DCA	MW-148	01/17/2001	PROFILE	90.00	90.00	27.00	27.00

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SAMPLING PROGRESS
1/1/2001-1/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G148DCD	MW-148	01/17/2001	PROFILE	90.00	90.00	27.00	27.00
G148DDA	MW-148	01/17/2001	PROFILE	100.00	100.00	37.00	37.00
G148DEA	MW-148	01/17/2001	PROFILE	110.00	110.00	47.00	47.00
G148DFA	MW-148	01/17/2001	PROFILE	120.00	120.00	57.00	57.00
G148DGA	MW-148	01/17/2001	PROFILE	130.00	130.00	67.00	67.00
G148DHA	MW-148	01/17/2001	PROFILE	140.00	140.00	77.00	77.00
G148DIA	MW-148	01/17/2001	PROFILE	150.00	150.00	87.00	87.00
G148DJA	MW-148	01/18/2001	PROFILE	160.00	160.00	97.00	97.00
G148DKA	MW-148	01/18/2001	PROFILE	170.00	170.00	107.00	107.00
G148DLA	MW-148	01/18/2001	PROFILE	180.00	180.00	117.00	117.00
G148DLD	MW-148	01/18/2001	PROFILE	180.00	180.00	117.00	117.00
G148DMA	MW-148	01/18/2001	PROFILE	190.00	190.00	127.00	127.00
G148DNA	MW-148	01/18/2001	PROFILE	200.00	200.00	137.00	137.00
G148DOA	MW-148	01/18/2001	PROFILE	210.00	210.00	147.00	147.00
G148DPA	MW-148	01/18/2001	PROFILE	220.00	220.00	157.00	157.00
G148DQA	MW-148	01/18/2001	PROFILE	230.00	230.00	167.00	167.00
G148DRA	MW-148	01/18/2001	PROFILE	240.00	240.00	177.00	177.00
G148DSA	MW-148	01/18/2001	PROFILE	250.00	250.00	187.00	187.00
G149DAA	MW-149	01/29/2001	PROFILE	120.00	120.00	12.50	12.50
G149DBA	MW-149	01/29/2001	PROFILE	130.00	130.00	22.50	22.50
G149DCA	MW-149	01/29/2001	PROFILE	140.00	140.00	32.50	32.50
G149DDA	MW-149	01/29/2001	PROFILE	150.00	150.00	44.50	44.50
G149DDD	MW-149	01/29/2001	PROFILE	150.00	150.00	44.50	44.50
G149DEA	MW-149	01/30/2001	PROFILE	160.00	160.00	52.50	52.50
G149DFA	MW-149	01/30/2001	PROFILE	170.00	170.00	62.50	62.50
G149DGA	MW-149	01/30/2001	PROFILE	180.00	180.00	72.50	72.50
G149DHA	MW-149	01/30/2001	PROFILE	190.00	190.00	82.50	82.50
G149DIA	MW-149	01/30/2001	PROFILE	200.00	200.00	92.50	92.50
G149DJA	MW-149	01/30/2001	PROFILE	210.00	210.00	102.50	102.50
G149DKA	MW-149	01/30/2001	PROFILE	220.00	220.00	112.50	112.50
G149DLA	MW-149	01/30/2001	PROFILE	230.00	230.00	122.50	122.50
G149DMA	MW-149	01/31/2001	PROFILE	240.00	240.00	132.50	132.50
G149DMD	MW-149	01/31/2001	PROFILE	240.00	240.00	132.50	132.50
G149DNA	MW-149	01/31/2001	PROFILE	250.00	250.00	142.50	142.50
G149DOA	MW-149	01/31/2001	PROFILE	260.00	260.00	152.50	152.50
0.A.1.00547.1.0	A.1.00547.R	01/17/2001	SOIL GRID	2.00	2.25	0.00	0.00
0.A.1.00547.1.D	A.1.00547.R	01/17/2001	SOIL GRID	2.00	2.25	0.00	0.00
0.A.1.00547.2.0	A.1.00547.R	01/17/2001	SOIL GRID	2.00	2.25	0.00	0.00
0.A.1.00547.2.D	A.1.00547.R	01/17/2001	SOIL GRID	2.00	2.25	0.00	0.00
0.A.1.00547.3.0	A.1.00547.R	01/17/2001	SOIL GRID	2.00	2.25	0.00	0.00
0.A.1.00547.3.D	A.1.00547.R	01/17/2001	SOIL GRID	2.00	2.25	0.00	0.00
0.A.1.00547.4.0	A.1.00547.R	01/17/2001	SOIL GRID	2.00	2.25	0.00	0.00
0.A.1.00547.4.D	A.1.00547.R	01/17/2001	SOIL GRID	2.00	2.25	0.00	0.00
0.A.1.00547.5.0	A.1.00547.R	01/17/2001	SOIL GRID	2.00	2.25	0.00	0.00
0.A.1.00547.5.D	A.1.00547.R	01/17/2001	SOIL GRID	2.00	2.25	0.00	0.00
0.A.2.00503.1.0	A.2.00503.R	01/17/2001	SOIL GRID	1.75	2.00	0.00	0.00
0.A.2.00503.2.0	A.2.00503.R	01/17/2001	SOIL GRID	1.75	2.00	0.00	0.00
0.A.2.00503.3.0	A.2.00503.R	01/17/2001	SOIL GRID	1.75	2.00	0.00	0.00
0.A.2.00503.4.0	A.2.00503.R	01/17/2001	SOIL GRID	1.75	2.00	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
1/1/2001-1/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
0.A.2.00503.5.0	A.2.00503.R	01/17/2001	SOIL GRID	1.75	2.00	0.00	0.00
0.A.2.00514.1.0	A.2.00514.R	01/19/2001	SOIL GRID	2.50	2.75	0.00	0.00
0.A.2.00514.2.0	A.2.00514.R	01/19/2001	SOIL GRID	2.50	2.75	0.00	0.00
0.A.2.00514.3.0	A.2.00514.R	01/19/2001	SOIL GRID	2.50	2.75	0.00	0.00
0.A.2.00514.4.0	A.2.00514.R	01/19/2001	SOIL GRID	2.50	2.75	0.00	0.00
0.A.2.00514.5.0	A.2.00514.R	01/19/2001	SOIL GRID	2.50	2.75	0.00	0.00
0.A.2.00515.1.0	A.2.00515.R	01/19/2001	SOIL GRID	1.50	1.75	0.00	0.00
0.A.2.00515.2.0	A.2.00515.R	01/19/2001	SOIL GRID	1.50	1.75	0.00	0.00
0.A.2.00515.3.0	A.2.00515.R	01/19/2001	SOIL GRID	1.50	1.75	0.00	0.00
0.A.2.00515.4.0	A.2.00515.R	01/19/2001	SOIL GRID	1.50	1.75	0.00	0.00
0.A.2.00515.5.0	A.2.00515.R	01/19/2001	SOIL GRID	1.50	1.75	0.00	0.00
0.A.3.00240.1.0	0.A.3.00240.1.0	01/04/2001	SOIL GRID			0.00	0.00
0.A.3.00240.1.D	0.A.3.00240.1.0	01/04/2001	SOIL GRID			0.00	0.00
0.A.3.00240.10.0	H1.A.3.00240.R	01/08/2001	SOIL GRID	1.00	1.25	0.00	0.00
0.A.3.00240.10.D	H1.A.3.00240.R	01/08/2001	SOIL GRID	1.00	1.25	0.00	0.00
0.A.3.00240.6.0	H1.A.3.00240.R	01/08/2001	SOIL GRID	1.00	1.25	0.00	0.00
0.A.3.00240.6.D	H1.A.3.00240.R	01/08/2001	SOIL GRID	1.00	1.25	0.00	0.00
0.A.3.00240.7.0	H1.A.3.00240.R	01/08/2001	SOIL GRID	1.00	1.25	0.00	0.00
0.A.3.00240.7.D	H1.A.3.00240.R	01/08/2001	SOIL GRID	1.00	1.25	0.00	0.00
0.A.3.00240.8.0	H1.A.3.00240.R	01/08/2001	SOIL GRID	1.00	1.25	0.00	0.00
0.A.3.00240.8.D	H1.A.3.00240.R	01/08/2001	SOIL GRID	1.00	1.25	0.00	0.00
0.A.3.00240.9.0	H1.A.3.00240.R	01/08/2001	SOIL GRID	1.00	1.25	0.00	0.00
0.A.3.00240.9.D	H1.A.3.00240.R	01/08/2001	SOIL GRID	1.00	1.25	0.00	0.00
0.A.3.00241.1.0	H1.A.3.00241.R	01/11/2001	SOIL GRID	0.75	1.00	0.00	0.00
0.A.3.00241.10.0	H1.A.3.00241.R	01/15/2001	SOIL GRID	0.75	1.00	0.00	0.00
0.A.3.00241.2.0	H1.A.3.00241.R	01/11/2001	SOIL GRID	0.75	1.00	0.00	0.00
0.A.3.00241.3.0	H1.A.3.00241.R	01/11/2001	SOIL GRID	0.75	1.00	0.00	0.00
0.A.3.00241.4.0	H1.A.3.00241.R	01/11/2001	SOIL GRID	0.75	1.00	0.00	0.00
0.A.3.00241.5.0	H1.A.3.00241.R	01/11/2001	SOIL GRID	0.75	1.00	0.00	0.00
0.A.3.00241.6.0	H1.A.3.00241.R	01/15/2001	SOIL GRID	0.75	1.00	0.00	0.00
0.A.3.00241.7.0	H1.A.3.00241.R	01/15/2001	SOIL GRID	0.75	1.00	0.00	0.00
0.A.3.00241.8.0	H1.A.3.00241.R	01/15/2001	SOIL GRID	0.75	1.00	0.00	0.00
0.A.3.00241.9.0	H1.A.3.00241.R	01/15/2001	SOIL GRID	0.75	1.00	0.00	0.00
2.F.0.00001.2.0	Test Plot 2 Lift 2 Soil	01/30/2001	SOIL GRID	3.00	6.00	0.00	0.00
2.F.0.00002.2.0	Test Plot 2 Lift 2 Soil	01/30/2001	SOIL GRID	3.00	6.00	0.00	0.00
2.F.0.00003.2.0	Test Plot 2 Lift 2 Soil	01/30/2001	SOIL GRID	3.00	6.00	0.00	0.00
2.F.0.00004.2.0	Test Plot 2 Lift 2 Soil	01/30/2001	SOIL GRID	3.00	6.00	0.00	0.00
2.F.0.00005.2.0	Test Plot 2 Lift 2 Soil	01/30/2001	SOIL GRID	3.00	6.00	0.00	0.00
2.F.0.00006.2.0	Test Plot 2 Lift 2 Soil	01/30/2001	SOIL GRID	3.00	6.00	0.00	0.00
2.F.0.00007.2.0	Test Plot 2 Lift 2 Soil	01/30/2001	SOIL GRID	3.00	6.00	0.00	0.00
2.F.0.00008.2.0	Test Plot 2 Lift 2 Soil	01/30/2001	SOIL GRID	3.00	6.00	0.00	0.00
2.F.0.00009.2.0	Test Plot 2 Lift 2 Soil	01/30/2001	SOIL GRID	3.00	6.00	0.00	0.00
2.F.0.00010.2.0	Test Plot 2 Lift 2 Soil	01/30/2001	SOIL GRID	3.00	6.00	0.00	0.00
2.F.0.00010.2.D	Test Plot 2 Lift 2 Soil	01/30/2001	SOIL GRID	3.00	6.00	0.00	0.00
2.F.0.00011.2.0	Test Plot 2 Lift 2 Soil	01/30/2001	SOIL GRID	3.00	6.00	0.00	0.00
2.F.0.00012.2.0	Test Plot 2 Lift 2 Soil	01/30/2001	SOIL GRID	3.00	6.00	0.00	0.00
2.F.0.00013.2.0	Test Plot 2 Lift 2 Soil	01/30/2001	SOIL GRID	3.00	6.00	0.00	0.00
2.F.0.00014.2.0	Test Plot 2 Lift 2 Soil	01/30/2001	SOIL GRID	3.00	6.00	0.00	0.00
AVERYEPHAA	AVERYEPHAA	01/24/2001	SOIL GRID			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
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BWTS = Depth below water table, start depth, measured in feet
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TABLE 2
SAMPLING PROGRESS
1/1/2001-1/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
AVERYVPHAA	AVERYVPHAA	01/24/2001	SOIL GRID			0.00	0.00
HC103BI1AAA	103BI	01/04/2001	SOIL GRID	0.00	0.25	0.00	0.00
HC103BI1BAA	103BI	01/04/2001	SOIL GRID	0.25	0.50	0.00	0.00
HC103BI1CAA	103BI	01/04/2001	SOIL GRID	0.50	1.00	0.00	0.00
HC103BJ1AAA	103BJ	01/05/2001	SOIL GRID	0.00	0.25	0.00	0.00
HC103BJ1BAA	103BJ	01/05/2001	SOIL GRID	0.25	0.50	0.00	0.00
HC103BJ1CAA	103BJ	01/05/2001	SOIL GRID	0.50	1.00	0.00	0.00
HD103BI1AAA	103BI	01/04/2001	SOIL GRID	0.00	0.25	0.00	0.00
HD103BI1BAA	103BI	01/04/2001	SOIL GRID	0.25	0.50	0.00	0.00
HD103BI1CAA	103BI	01/04/2001	SOIL GRID	0.50	1.00	0.00	0.00
HD103BI3AAA	103BI	01/04/2001	SOIL GRID	0.00	0.25	0.00	0.00
HD103BI3AAD	103BI	01/04/2001	SOIL GRID	0.00	0.25	0.00	0.00
HD103BI3BAA	103BI	01/04/2001	SOIL GRID	0.25	0.50	0.00	0.00
HD103BI3CAA	103BI	01/04/2001	SOIL GRID	0.50	1.00	0.00	0.00
HD103BI3CAD	103BI	01/04/2001	SOIL GRID	0.50	1.00	0.00	0.00
HD103BI5AAA	103BI	01/04/2001	SOIL GRID	0.00	0.25	0.00	0.00
HD103BI5BAA	103BI	01/04/2001	SOIL GRID	0.25	0.50	0.00	0.00
HD103BI5CAA	103BI	01/04/2001	SOIL GRID	0.50	1.00	0.00	0.00
HD103BI7AAA	103BI	01/04/2001	SOIL GRID	0.00	0.25	0.00	0.00
HD103BI7BAA	103BI	01/04/2001	SOIL GRID	0.25	0.50	0.00	0.00
HD103BI7CAA	103BI	01/04/2001	SOIL GRID	0.50	1.00	0.00	0.00
HD103BJ1AAA	103BJ	01/05/2001	SOIL GRID	0.00	0.25	0.00	0.00
HD103BJ1BAA	103BJ	01/05/2001	SOIL GRID	0.25	0.50	0.00	0.00
HD103BJ1CAA	103BJ	01/05/2001	SOIL GRID	0.50	1.00	0.00	0.00
HD103BJ3AAA	103BJ	01/05/2001	SOIL GRID	0.00	0.25	0.00	0.00
HD103BJ3AAD	103BJ	01/05/2001	SOIL GRID	0.00	0.25	0.00	0.00
HD103BJ3BAA	103BJ	01/05/2001	SOIL GRID	0.25	0.50	0.00	0.00
HD103BJ3CAA	103BJ	01/05/2001	SOIL GRID	0.50	1.00	0.00	0.00
HD103BJ3CAD	103BJ	01/05/2001	SOIL GRID	0.50	1.00	0.00	0.00
HD103BJ5AAA	103BJ	01/05/2001	SOIL GRID	0.00	0.25	0.00	0.00
HD103BJ5BAA	103BJ	01/05/2001	SOIL GRID	0.25	0.50	0.00	0.00
HD103BJ5CAA	103BJ	01/05/2001	SOIL GRID	0.50	1.00	0.00	0.00
HD103BJ7AAA	103BJ	01/05/2001	SOIL GRID	0.00	0.25	0.00	0.00
HD103BJ7BAA	103BJ	01/05/2001	SOIL GRID	0.25	0.50	0.00	0.00
HD103BJ7CAA	103BJ	01/05/2001	SOIL GRID	0.50	1.00	0.00	0.00
J1.A.1.00047.3.0	J1.1.00047.R	01/08/2001	SOIL GRID	0.50	0.75	0.00	0.00
J1.A.2.00173.3.0	J1.2.00173.R	01/15/2001	SOIL GRID	0.75	1.00	0.00	0.00
J1.A.2.00182.3.0	J1.2.00182.R	01/15/2001	SOIL GRID	0.25	0.50	0.00	0.00
J3.A.2.00010.3.0	J3.2.00010.R	01/15/2001	SOIL GRID	0.00	0.25	0.00	0.00
J3.A.3.00242.1.0	J3.3.00242.R	01/15/2001	SOIL GRID	0.75	1.00	0.00	0.00
J3.A.3.00242.1.D	J3.3.00242.R	01/15/2001	SOIL GRID	0.75	1.00	0.00	0.00
J3.A.3.00242.2.0	J3.3.00242.R	01/15/2001	SOIL GRID	0.75	1.00	0.00	0.00
J3.A.3.00242.2.D	J3.3.00242.R	01/15/2001	SOIL GRID	0.75	1.00	0.00	0.00
J3.A.3.00243.3.0	J3.3.00243.R	01/15/2001	SOIL GRID	0.75	1.00	0.00	0.00
J3.A.3.00297.1.0	J3.3.00297.R	01/15/2001	SOIL GRID	1.00	1.25	0.00	0.00
J3.A.3.00297.2.0	J3.3.00297.R	01/15/2001	SOIL GRID	1.00	1.25	0.00	0.00
J3.A.3.00298.1.0	J3.3.00298.R	01/15/2001	SOIL GRID	0.75	1.00	0.00	0.00
J3.A.3.00298.1.D	J3.3.00298.R	01/15/2001	SOIL GRID	0.75	1.00	0.00	0.00
J3.A.3.00298.2.0	J3.3.00298.R	01/15/2001	SOIL GRID	0.75	1.00	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
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TABLE 2
SAMPLING PROGRESS
1/1/2001-1/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
J3.A.3.00298.2.D	J3.3.00298.R	01/15/2001	SOIL GRID	0.75	1.00	0.00	0.00
SP.A.1.00543.1.0	SP.A.1.00543.R	01/11/2001	SOIL GRID	0.00	0.25	0.00	0.00
SP.A.1.00543.10.0	SP.A.1.00543.R	01/15/2001	SOIL GRID	0.00	0.25	0.00	0.00
SP.A.1.00543.2.0	SP.A.1.00543.R	01/11/2001	SOIL GRID	0.00	0.25	0.00	0.00
SP.A.1.00543.3.0	SP.A.1.00543.R	01/11/2001	SOIL GRID	0.00	0.25	0.00	0.00
SP.A.1.00543.4.0	SP.A.1.00543.R	01/11/2001	SOIL GRID	0.00	0.25	0.00	0.00
SP.A.1.00543.5.0	SP.A.1.00543.R	01/11/2001	SOIL GRID	0.00	0.25	0.00	0.00
SP.A.1.00543.6.0	SP.A.1.00543.R	01/15/2001	SOIL GRID	0.00	0.25	0.00	0.00
SP.A.1.00543.7.0	SP.A.1.00543.R	01/15/2001	SOIL GRID	0.00	0.25	0.00	0.00
SP.A.1.00543.8.0	SP.A.1.00543.R	01/15/2001	SOIL GRID	0.00	0.25	0.00	0.00
SP.A.1.00543.9.0	SP.A.1.00543.R	01/15/2001	SOIL GRID	0.00	0.25	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
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TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH JANUARY 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
ECMWSNP02	ECMWSNP02D	09/13/1999	504	1,2-DIBROMOETHANE (ETHYI	110.00		NG/L	79.90	84.90	50.00	X
MW-41	W41M1A	05/18/2000	8151	PENTACHLOROPHENOL	1.80	J	UG/L	110.00	120.00	1.00	X
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
MW-19	W19SSA	09/10/1999	8330N	2,4,6-TRINITROTOLUENE	2.60	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	05/12/2000	8330N	2,4,6-TRINITROTOLUENE	3.70	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	05/23/2000	8330N	2,4,6-TRINITROTOLUENE	3.90	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	08/08/2000	8330N	2,4,6-TRINITROTOLUENE	2.00	J	UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	05/15/2000	8330N	2,4,6-TRINITROTOLUENE	3.30		UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	08/09/2000	8330N	2,4,6-TRINITROTOLUENE	3.90	J	UG/L	0.00	10.00	2.00	X
MW-31	W31DDA	08/09/2000	8330N	2,4,6-TRINITROTOLUENE	3.90	J	UG/L	49.00	54.00	2.00	X
58MW0002	WC2XXA	02/26/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	19.00		UG/L	4.00	9.00	2.00	X
58MW0002	WC2XXA	01/14/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	20.00		UG/L	4.00	9.00	2.00	X
58MW0002	WC2XXA	10/08/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	8.80		UG/L	4.00	9.00	2.00	X
58MW0009E	WC9EXA	10/02/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	7.70		UG/L	21.00	26.00	2.00	X
58MW0009E	WC9EXA	01/26/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	17.00		UG/L	21.00	26.00	2.00	X
58MW0009E	WC9EXA	09/28/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	18.00		UG/L	21.00	26.00	2.00	X
58MW0009E	WC9EXD	09/28/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	18.00		UG/L	21.00	26.00	2.00	X
90MW0022	WF22XA	01/26/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.80		UG/L	80.00	85.00	2.00	X
90MW0022	WF22XA	02/16/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.40		UG/L	80.00	85.00	2.00	X
90MW0022	WF22XA	09/30/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.20		UG/L	80.00	85.00	2.00	X
90WT0013	WF13XA	01/16/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.20	J	UG/L	2.00	12.00	2.00	X
MW-1	W01SSA	09/30/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	0.00	10.00	2.00	X
MW-1	W01SSD	09/30/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.40		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	02/22/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.80		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	09/07/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	05/31/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.10	J	UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	07/31/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.80	J	UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	11/18/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.20		UG/L	0.00	10.00	2.00	X
MW-1	W01MMA	09/29/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.60		UG/L	40.00	45.00	2.00	X
MW-1	W01M2A	03/01/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.20		UG/L	40.00	45.00	2.00	X
MW-1	W01M2A	05/10/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.90		UG/L	40.00	45.00	2.00	X
MW-1	W01M2A	07/31/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.40	J	UG/L	40.00	45.00	2.00	X

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TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH JANUARY 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-1	W01M2A	11/18/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	8.10		UG/L	40.00	45.00	2.00	X
MW-1	W01M2D	11/18/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	8.00		UG/L	40.00	45.00	2.00	X
MW-100	W100M1A	06/06/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.30		UG/L	44.48	54.48	2.00	X
MW-100	W100M1D	06/06/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.30		UG/L	44.48	54.48	2.00	X
MW-101	W101M1A	06/06/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	25.38	35.38	2.00	X
MW-105	W105M1A	06/21/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.90		UG/L	75.08	85.08	2.00	X
MW-107	W107M2A	06/21/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.00		UG/L	3.11	13.11	2.00	X
MW-113	W113M2A	09/26/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	9.20		UG/L	47.14	57.14	2.00	X
MW-132	W132SSA	11/09/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	03/05/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	190.00		UG/L	0.00	10.00	2.00	X
MW-19	W19S2A	07/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	260.00		UG/L	0.00	10.00	2.00	X
MW-19	W19S2D	07/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	260.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	02/12/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	250.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	09/10/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	240.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	05/12/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	150.00	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	05/23/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	160.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	08/08/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	290.00		UG/L	0.00	10.00	2.00	X
MW-2	W02M2A	01/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	13.00		UG/L	31.00	36.00	2.00	X
MW-2	W02M2A	02/03/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.80		UG/L	31.00	36.00	2.00	X
MW-2	W02M2A	09/03/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.80		UG/L	31.00	36.00	2.00	X
MW-2	W02M2A	05/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.30	J	UG/L	31.00	36.00	2.00	X
MW-2	W02M2A	08/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.10		UG/L	31.00	36.00	2.00	X
MW-2	W02M1A	08/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.10		UG/L	73.00	78.00	2.00	X
MW-23	W23M1A	11/07/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.30	J	UG/L	99.00	109.00	2.00	X
MW-23	W23M1A	03/18/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.40		UG/L	99.00	109.00	2.00	X
MW-23	W23M1D	03/18/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.70		UG/L	99.00	109.00	2.00	X
MW-23	W23M1A	09/13/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.10		UG/L	99.00	109.00	2.00	X
MW-23	W23M1A	05/12/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.60	J	UG/L	99.00	109.00	2.00	X
MW-23	W23M1A	08/08/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.30		UG/L	99.00	109.00	2.00	X
MW-25	W25SSA	10/16/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.00		UG/L	0.00	10.00	2.00	X
MW-25	W25SSA	03/17/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.10		UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	07/15/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	64.00		UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	02/01/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	210.00		UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	09/15/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	50.00		UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	05/15/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	110.00		UG/L	0.00	10.00	2.00	X

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VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH JANUARY 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-31	W31SSA	08/09/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	140.00		UG/L	0.00	10.00	2.00	X
MW-31	W31MMA	07/15/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	280.00		UG/L	29.00	39.00	2.00	X
MW-31	W31MMA	02/02/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	370.00		UG/L	29.00	39.00	2.00	X
MW-31	W31MMA	09/15/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	29.00		UG/L	29.00	39.00	2.00	X
MW-31	W31M1A	05/15/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	19.00		UG/L	29.00	39.00	2.00	X
MW-31	W31M1A	08/09/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	14.00		UG/L	29.00	39.00	2.00	X
MW-31	W31DDA	08/09/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	150.00		UG/L	49.00	54.00	2.00	X
MW-34	W34M2A	02/19/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.20		UG/L	55.00	65.00	2.00	X
MW-34	W34M2A	05/18/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.70		UG/L	55.00	65.00	2.00	X
MW-34	W34M2A	08/10/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.10		UG/L	55.00	65.00	2.00	X
MW-34	W34M1A	05/17/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.20		UG/L	75.00	85.00	2.00	X
MW-34	W34M1A	08/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.00		UG/L	75.00	85.00	2.00	X
MW-37	W37M2A	09/29/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.90		UG/L	28.00	38.00	2.00	X
MW-37	W37M2A	12/29/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.60		UG/L	28.00	38.00	2.00	X
MW-37	W37M2A	03/27/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.10		UG/L	28.00	38.00	2.00	X
MW-37	W37M2A	08/31/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.80	J	UG/L	28.00	38.00	2.00	X
MW-38	W38M3A	05/06/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	53.00	63.00	2.00	X
MW-38	W38M3A	08/18/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.60		UG/L	53.00	63.00	2.00	X
MW-38	W38M3A	11/10/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.00		UG/L	53.00	63.00	2.00	X
MW-38	W38M3A	05/16/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.90	J	UG/L	53.00	63.00	2.00	X
MW-38	W38M3A	08/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.60		UG/L	53.00	63.00	2.00	X
MW-38	W38M3A	11/20/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.40		UG/L	53.00	63.00	2.00	X
MW-40	W40M1A	09/21/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.80		UG/L	15.50	25.50	2.00	X
MW-40	W40M1D	09/21/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.60		UG/L	15.50	25.50	2.00	X
MW-40	W40M1A	12/30/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.00	J	UG/L	15.50	25.50	2.00	X
MW-40	W40M1A	04/14/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.00	J	UG/L	15.50	25.50	2.00	X
MW-40	W40M1A	09/01/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.40	J	UG/L	15.50	25.50	2.00	X
MW-58	W58SSA	11/23/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.70	J	UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	02/15/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.00		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	05/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	7.40	J	UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	09/05/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.10		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	07/09/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	50.00	J	UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	09/16/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	63.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	11/02/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	57.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	06/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	44.00		UG/L	0.00	10.00	2.00	X

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LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-73	W73SSA	09/05/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	29.00		UG/L	0.00	10.00	2.00	X
MW-76	W76SSA	01/20/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	11.00		UG/L	0.00	10.00	2.00	X
MW-76	W76SSA	05/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	7.50	J	UG/L	0.00	10.00	2.00	X
MW-76	W76SSA	08/01/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.10		UG/L	0.00	10.00	2.00	X
MW-76	W76M2A	01/24/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	31.00		UG/L	35.00	45.00	2.00	X
MW-76	W76M2D	01/24/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	29.00		UG/L	35.00	45.00	2.00	X
MW-76	W76M2A	05/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	37.00	J	UG/L	35.00	45.00	2.00	X
MW-76	W76M2A	08/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	31.00		UG/L	35.00	45.00	2.00	X
MW-77	W77M2A	01/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	150.00		UG/L	35.00	45.00	2.00	X
MW-77	W77M2A	05/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	100.00	J	UG/L	35.00	45.00	2.00	X
MW-77	W77M2A	08/01/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	97.00	J	UG/L	35.00	45.00	2.00	X
MW-85	W85M1A	05/22/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	29.00		UG/L	18.39	28.39	2.00	X
MW-86	W86SSA	04/28/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50	J	UG/L	0.00	10.00	2.00	X
MW-87	W87M1A	04/28/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.50	J	UG/L	59.53	69.53	2.00	X
MW-87	W87M1A	09/14/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.00		UG/L	59.53	69.53	2.00	X
MW-88	W88M2A	05/24/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	7.00		UG/L	69.60	79.60	2.00	X
MW-88	W88M2A	09/21/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	7.70		UG/L	69.60	79.60	2.00	X
MW-89	W89M2A	05/26/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	8.30		UG/L	68.95	78.95	2.00	X
MW-89	W89M2A	09/21/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	8.30		UG/L	68.95	78.95	2.00	X
MW-90	W90SSA	05/19/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.40	J	UG/L	0.00	10.00	2.00	X
MW-91	W91SSA	05/19/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	12.00		UG/L	0.00	10.00	2.00	X
MW-91	W91M1A	05/22/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	18.00		UG/L	43.47	53.37	2.00	X
MW-93	W93M2A	05/26/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.20		UG/L	14.50	24.50	2.00	X
MW-93	W93M1A	05/26/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.20	J	UG/L	54.90	64.90	2.00	X
MW-95	W95M1A	05/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.20		UG/L	74.99	84.99	2.00	X
MW-98	W98M1A	05/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.10		UG/L	25.06	35.06	2.00	X
MW-99	W99M1A	05/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.90		UG/L	55.00	65.00	2.00	X
MW-99	W99M1D	05/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.90		UG/L	55.00	65.00	2.00	X
ASPWELL	ASPWELL	07/20/1999	E200.8	LEAD	53.00		UG/L	0.00	0.00	15.00	X
MW-1	W01SSA	09/07/1999	IM40MB	ANTIMONY	6.70	J	UG/L	0.00	10.00	6.00	X
MW-3	W03DDL	03/06/1998	IM40MB	ANTIMONY	13.80	J	UG/L	218.00	223.00	6.00	X
MW-34	W34M2A	08/16/1999	IM40MB	ANTIMONY	6.60	J	UG/L	55.00	65.00	6.00	X
MW-35	W35SSA	08/19/1999	IM40MB	ANTIMONY	6.90	J	UG/L	0.00	10.00	6.00	X
MW-35	W35SSD	08/19/1999	IM40MB	ANTIMONY	13.80	J	UG/L	0.00	10.00	6.00	X
MW-36	W36SSA	08/17/1999	IM40MB	ANTIMONY	6.70	J	UG/L	0.00	10.00	6.00	X

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VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH JANUARY 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-38	W38SSA	08/18/1999	IM40MB	ANTIMONY	7.40		UG/L	0.00	10.00	6.00	X
MW-38	W38M3A	08/18/1999	IM40MB	ANTIMONY	6.60	J	UG/L	53.00	63.00	6.00	X
MW-38	W38DDA	08/17/1999	IM40MB	ANTIMONY	6.90	J	UG/L	125.00	135.00	6.00	X
MW-39	W39M1A	08/18/1999	IM40MB	ANTIMONY	7.50		UG/L	87.00	97.00	6.00	X
MW-50	W50M1A	05/15/2000	IM40MB	ANTIMONY	9.50		UG/L	90.00	100.00	6.00	X
PPAWSMW-3	PPAWSMW-3	08/12/1999	IM40MB	ANTIMONY	6.00	J	UG/L	0.00	10.00	6.00	X
MW-7	W07M1A	09/07/1999	IM40MB	ARSENIC	52.80		UG/L	67.00	72.00	50.00	X
MW-52	W52M3L	08/27/1999	IM40MB	CADMIUM	12.20		UG/L	26.00	36.00	5.00	X
MW-7	W07M1A	09/07/1999	IM40MB	CHROMIUM, TOTAL	114.00		UG/L	67.00	72.00	100.00	X
MW-2	W02SSA	02/23/1998	IM40MB	LEAD	20.10		UG/L	0.00	10.00	15.00	X
MW-7	W07M1A	09/07/1999	IM40MB	LEAD	40.20		UG/L	67.00	72.00	15.00	X
MW-7	W07M1D	09/07/1999	IM40MB	LEAD	18.30		UG/L	67.00	72.00	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
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-13	W13DDA	09/09/1999	IM40MB	MOLYBDENUM	17.30		UG/L	140.00	145.00	10.00	X
MW-13	W13DDA	05/17/2000	IM40MB	MOLYBDENUM	17.00		UG/L	140.00	145.00	10.00	X
MW-13	W13DDD	05/17/2000	IM40MB	MOLYBDENUM	16.80		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	108.00	113.00	10.00	X
MW-16	W16DDD	03/09/1999	IM40MB	MOLYBDENUM	23.20		UG/L	108.00	113.00	10.00	X
MW-16	W16DDA	09/09/1999	IM40MB	MOLYBDENUM	18.00	J	UG/L	108.00	113.00	10.00	X
MW-16	W16DDA	05/17/2000	IM40MB	MOLYBDENUM	12.20		UG/L	108.00	113.00	10.00	X
MW-16	W16DDA	08/03/2000	IM40MB	MOLYBDENUM	12.40		UG/L	108.00	113.00	10.00	X
MW-16	W16DDA	11/16/2000	IM40MB	MOLYBDENUM	16.80		UG/L	108.00	113.00	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	W02SSA	09/02/1999	IM40MB	MOLYBDENUM	29.00		UG/L	0.00	10.00	10.00	X
MW-2	W02SSL	09/02/1999	IM40MB	MOLYBDENUM	27.10		UG/L	0.00	10.00	10.00	X

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH JANUARY 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
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-2	W02DDA	09/03/1999	IM40MB	MOLYBDENUM	12.80		UG/L	287.00	295.00	10.00	X
MW-45	W45SSA	05/29/2000	IM40MB	MOLYBDENUM	10.40		UG/L	0.00	10.00	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	W46M2A	08/24/1999	IM40MB	MOLYBDENUM	17.40		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-48	W48M1A	11/23/1999	IM40MB	MOLYBDENUM	17.90		UG/L	90.00	100.00	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	W52M3A	08/27/1999	IM40MB	MOLYBDENUM	23.40		UG/L	26.00	36.00	10.00	X
MW-52	W52M3L	08/27/1999	IM40MB	MOLYBDENUM	23.10		UG/L	26.00	36.00	10.00	X
MW-52	W52M3L	11/08/1999	IM40MB	MOLYBDENUM	10.50		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-52	W52DDA	08/30/1999	IM40MB	MOLYBDENUM	28.30		UG/L	219.00	229.00	10.00	X
MW-52	W52DDL	08/30/1999	IM40MB	MOLYBDENUM	26.80		UG/L	219.00	229.00	10.00	X
MW-52	W52DDA	11/09/1999	IM40MB	MOLYBDENUM	22.70		UG/L	219.00	229.00	10.00	X
MW-52	W52DDA	05/22/2000	IM40MB	MOLYBDENUM	12.20		UG/L	219.00	229.00	10.00	X
MW-52	W52DDA	08/17/2000	IM40MB	MOLYBDENUM	10.10		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

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1997 THROUGH JANUARY 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-53	W53M1A	08/30/1999	IM40MB	MOLYBDENUM	55.20		UG/L	100.00	110.00	10.00	X
MW-53	W53M1L	08/30/1999	IM40MB	MOLYBDENUM	54.10		UG/L	100.00	110.00	10.00	X
MW-53	W53M1A	11/05/1999	IM40MB	MOLYBDENUM	41.20		UG/L	100.00	110.00	10.00	X
MW-53	W53M1L	11/05/1999	IM40MB	MOLYBDENUM	38.20		UG/L	100.00	110.00	10.00	X
MW-53	W53M1A	06/01/2000	IM40MB	MOLYBDENUM	10.30	J	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
MW-53	W53DDA	08/30/1999	IM40MB	MOLYBDENUM	11.50		UG/L	157.00	167.00	10.00	X
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	W54SSA	08/27/1999	IM40MB	MOLYBDENUM	61.40		UG/L	0.00	10.00	10.00	X
MW-54	W54SSA	11/08/1999	IM40MB	MOLYBDENUM	25.50		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	W54M2A	08/27/1999	IM40MB	MOLYBDENUM	43.70		UG/L	58.00	68.00	10.00	X
MW-54	W54M2L	08/27/1999	IM40MB	MOLYBDENUM	43.20		UG/L	58.00	68.00	10.00	X
MW-54	W54M2A	11/08/1999	IM40MB	MOLYBDENUM	14.50		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
MW-55	W55DDA	08/30/1999	IM40MB	MOLYBDENUM	14.20		UG/L	120.00	130.00	10.00	X
MW-55	W55DDA	11/08/1999	IM40MB	MOLYBDENUM	11.00		UG/L	120.00	130.00	10.00	X
MW-57	W57SSA	12/21/1999	IM40MB	MOLYBDENUM	15.20		UG/L	0.00	10.00	10.00	X
MW-57	W57SSD	12/21/1999	IM40MB	MOLYBDENUM	16.30		UG/L	0.00	10.00	10.00	X
MW-57	W57SSA	03/22/2000	IM40MB	MOLYBDENUM	10.30	J	UG/L	0.00	10.00	10.00	X
MW-57	W57SSD	03/22/2000	IM40MB	MOLYBDENUM	10.10	J	UG/L	0.00	10.00	10.00	X
MW-57	W57M3A	12/13/1999	IM40MB	MOLYBDENUM	21.90		UG/L	30.00	40.00	10.00	X
MW-57	W57M2A	03/22/2000	IM40MB	MOLYBDENUM	10.80	J	UG/L	60.00	70.00	10.00	X
MW-57	W57DDA	12/13/1999	IM40MB	MOLYBDENUM	18.60		UG/L	125.00	135.00	10.00	X
MW-57	W57DDL	12/13/1999	IM40MB	MOLYBDENUM	17.80		UG/L	125.00	135.00	10.00	X
MW-63	W63SSA	09/21/1999	IM40MB	MOLYBDENUM	12.70		UG/L	0.00	10.00	10.00	X
MW-63	W63SSL	09/21/1999	IM40MB	MOLYBDENUM	11.10		UG/L	0.00	10.00	10.00	X

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MW-7	W07M1A	09/07/1999	IM40MB	MOLYBDENUM	10.20		UG/L	67.00	72.00	10.00	X
MW-81	W81M1A	10/13/1999	IM40MB	MOLYBDENUM	24.30		UG/L	99.00	109.00	10.00	X
MW-81	W81M1L	10/13/1999	IM40MB	MOLYBDENUM	22.10		UG/L	99.00	109.00	10.00	X
MW-81	W81DDA	08/17/2000	IM40MB	MOLYBDENUM	10.10		UG/L	155.00	165.00	10.00	X
MW-82	W82DDA	10/13/1999	IM40MB	MOLYBDENUM	15.40		UG/L	96.00	106.00	10.00	X
MW-82	W82DDL	10/13/1999	IM40MB	MOLYBDENUM	14.40		UG/L	96.00	106.00	10.00	X
MW-83	W83DDA	10/12/1999	IM40MB	MOLYBDENUM	13.40		UG/L	105.00	115.00	10.00	X
15MW0002	15MW0002	04/08/1999	IM40MB	SODIUM	37,600.00		UG/L	0.00	10.00	20,000.00	X
90WT0010	90WT0010	06/05/2000	IM40MB	SODIUM	23,600.00		UG/L	2.00	12.00	20,000.00	X
90WT0010	90WT0010-L	06/05/2000	IM40MB	SODIUM	24,200.00		UG/L	2.00	12.00	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-21	W21SSA	11/15/2000	IM40MB	SODIUM	22,500.00		UG/L	0.00	10.00	20,000.00	X
MW-46	W46SSA	08/25/1999	IM40MB	SODIUM	20,600.00		UG/L	0.00	10.00	20,000.00	X
MW-46	W46SSA	09/12/2000	IM40MB	SODIUM	31,300.00		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
MW-54	W54SSA	08/27/1999	IM40MB	SODIUM	33,300.00		UG/L	0.00	10.00	20,000.00	X
MW-57	W57M2A	12/21/1999	IM40MB	SODIUM	23,500.00		UG/L	60.00	70.00	20,000.00	X
MW-57	W57M2A	03/22/2000	IM40MB	SODIUM	24,500.00		UG/L	60.00	70.00	20,000.00	X
MW-57	W57M2A	06/30/2000	IM40MB	SODIUM	25,900.00		UG/L	60.00	70.00	20,000.00	X
MW-57	W57M2A	08/29/2000	IM40MB	SODIUM	23,200.00		UG/L	60.00	70.00	20,000.00	X
MW-57	W57M1A	12/14/1999	IM40MB	SODIUM	23,700.00		UG/L	100.00	110.00	20,000.00	X
MW-57	W57M1A	03/07/2000	IM40MB	SODIUM	20,900.00		UG/L	100.00	110.00	20,000.00	X
MW-57	W57M1A	07/05/2000	IM40MB	SODIUM	22,200.00		UG/L	100.00	110.00	20,000.00	X
MW-57	W57M1A	08/29/2000	IM40MB	SODIUM	20,100.00		UG/L	100.00	110.00	20,000.00	X

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1997 THROUGH JANUARY 2001

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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-1	W01SSA	09/07/1999	IM40MB	THALLIUM	2.90	J	UG/L	0.00	10.00	2.00	X
MW-127	W127SSA	11/15/2000	IM40MB	THALLIUM	2.40	J	UG/L	0.00	10.00	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	W19SSA	09/10/1999	IM40MB	THALLIUM	3.80	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
MW-2	W02DDD	08/02/2000	IM40MB	THALLIUM	4.90	J	UG/L	287.00	295.00	2.00	X
MW-21	W21SSA	10/24/1997	IM40MB	THALLIUM	6.90	J	UG/L	0.00	10.00	2.00	X
MW-21	W21M2A	11/01/1999	IM40MB	THALLIUM	4.00	J	UG/L	58.00	68.00	2.00	X
MW-23	W23SSA	09/14/1999	IM40MB	THALLIUM	4.70	J	UG/L	0.00	10.00	2.00	X
MW-25	W25SSA	09/14/1999	IM40MB	THALLIUM	5.30	J	UG/L	0.00	10.00	2.00	X
MW-37	W37M2A	12/29/1999	IM40MB	THALLIUM	4.90	J	UG/L	28.00	38.00	2.00	X
MW-38	W38M4A	08/18/1999	IM40MB	THALLIUM	2.80	J	UG/L	15.00	25.00	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-42	W42M2A	11/19/1999	IM40MB	THALLIUM	4.00	J	UG/L	119.00	129.00	2.00	X
MW-45	W45SSA	05/26/1999	IM40MB	THALLIUM	3.00	J	UG/L	0.00	10.00	2.00	X
MW-45	W45SSA	08/31/2000	IM40MB	THALLIUM	4.40	J	UG/L	0.00	10.00	2.00	X
MW-46	W46M1A	05/16/2000	IM40MB	THALLIUM	5.30	J	UG/L	102.00	112.00	2.00	X
MW-46	W46DDA	11/02/1999	IM40MB	THALLIUM	5.10	J	UG/L	135.00	145.00	2.00	X
MW-47	W47M3A	08/25/1999	IM40MB	THALLIUM	3.20	J	UG/L	21.00	31.00	2.00	X
MW-47	W47M3A	05/31/2000	IM40MB	THALLIUM	5.00	J	UG/L	21.00	31.00	2.00	X
MW-47	W47M2A	03/26/1999	IM40MB	THALLIUM	3.20	J	UG/L	38.00	48.00	2.00	X
MW-47	W47M2A	08/25/1999	IM40MB	THALLIUM	4.00	J	UG/L	38.00	48.00	2.00	X
MW-47	W47M2A	05/30/2000	IM40MB	THALLIUM	4.50	J	UG/L	38.00	48.00	2.00	X

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TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH JANUARY 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-47	W47M1A	08/24/1999	IM40MB	THALLIUM	2.60	J	UG/L	75.00	85.00	2.00	X
MW-48	W48M3A	02/28/2000	IM40MB	THALLIUM	4.20	J	UG/L	29.73	39.73	2.00	X
MW-48	W48DAA	06/26/2000	IM40MB	THALLIUM	4.70	J	UG/L	119.00	129.00	2.00	X
MW-49	W49SSA	11/19/1999	IM40MB	THALLIUM	4.70	J	UG/L	0.00	10.00	2.00	X
MW-49	W49M3D	06/27/2000	IM40MB	THALLIUM	4.30	J	UG/L	29.48	39.48	2.00	X
MW-50	W50M1A	05/15/2000	IM40MB	THALLIUM	6.20	J	UG/L	90.00	100.00	2.00	X
MW-51	W51M3A	08/25/1999	IM40MB	THALLIUM	4.30	J	UG/L	29.00	39.00	2.00	X
MW-52	W52SSA	08/26/1999	IM40MB	THALLIUM	3.60	J	UG/L	0.00	10.00	2.00	X
MW-52	W52SSA	11/18/1999	IM40MB	THALLIUM	4.30	J	UG/L	0.00	10.00	2.00	X
MW-52	W52SSA	05/23/2000	IM40MB	THALLIUM	4.70	J	UG/L	0.00	10.00	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-52	W52DDA	08/30/1999	IM40MB	THALLIUM	3.80	J	UG/L	219.00	229.00	2.00	X
MW-53	W53M1A	11/05/1999	IM40MB	THALLIUM	3.40	J	UG/L	100.00	110.00	2.00	X
MW-54	W54SSA	11/08/1999	IM40MB	THALLIUM	7.40	J	UG/L	0.00	10.00	2.00	X
MW-54	W54SSA	06/06/2000	IM40MB	THALLIUM	4.60	J	UG/L	0.00	10.00	2.00	X
MW-54	W54SSA	11/15/2000	IM40MB	THALLIUM	3.10	J	UG/L	0.00	10.00	2.00	X
MW-54	W54M1A	08/30/1999	IM40MB	THALLIUM	2.80	J	UG/L	80.00	90.00	2.00	X
MW-54	W54M1A	11/05/1999	IM40MB	THALLIUM	3.90	J	UG/L	80.00	90.00	2.00	X
MW-55	W55M1A	08/31/1999	IM40MB	THALLIUM	2.50	J	UG/L	90.00	100.00	2.00	X
MW-56	W56SSA	09/05/2000	IM40MB	THALLIUM	4.00	J	UG/L	0.00	10.00	2.00	X
MW-56	W56M3A	09/05/2000	IM40MB	THALLIUM	6.10	J	UG/L	28.00	38.00	2.00	X
MW-56	W56M3D	09/05/2000	IM40MB	THALLIUM	4.40	J	UG/L	28.00	38.00	2.00	X
MW-57	W57M2A	03/22/2000	IM40MB	THALLIUM	4.10	J	UG/L	60.00	70.00	2.00	X
MW-58	W58SSA	05/11/2000	IM40MB	THALLIUM	7.30	J	UG/L	0.00	10.00	2.00	X
MW-64	W64M1A	02/07/2000	IM40MB	THALLIUM	4.10	J	UG/L	37.00	47.00	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	W07M1A	09/07/1999	IM40MB	THALLIUM	26.20		UG/L	67.00	72.00	2.00	X
MW-7	W07M1D	09/07/1999	IM40MB	THALLIUM	12.70		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
MW-83	W83SSA	01/13/2000	IM40MB	THALLIUM	3.60	J	UG/L	0.00	10.00	2.00	X
MW-84	W84SSA	10/21/1999	IM40MB	THALLIUM	3.20	J	UG/L	0.00	10.00	2.00	X

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1997 THROUGH JANUARY 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
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
95-14	W9514A	09/28/1999	IM40MB	ZINC	2,430.00		UG/L	90.00	120.00	2,000.00	X
95-15	W9515A	10/17/1997	IM40MB	ZINC	7,210.00		UG/L	80.00	92.00	2,000.00	X
95-15	W9515L	10/17/1997	IM40MB	ZINC	4,620.00		UG/L	80.00	92.00	2,000.00	X
LRWS3-1	WL31XA	10/21/1997	IM40MB	ZINC	2,480.00		UG/L	102.00	117.00	2,000.00	X
LRWS3-1	WL31XL	10/21/1997	IM40MB	ZINC	2,410.00		UG/L	102.00	117.00	2,000.00	X
LRWS4-1	WL41XA	11/24/1997	IM40MB	ZINC	3,220.00		UG/L	66.00	91.00	2,000.00	X
LRWS4-1	WL41XL	11/24/1997	IM40MB	ZINC	3,060.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51DL	11/25/1997	IM40MB	ZINC	4,410.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XA	11/25/1997	IM40MB	ZINC	4,510.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XD	11/25/1997	IM40MB	ZINC	4,390.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XL	11/25/1997	IM40MB	ZINC	3,900.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XA	01/25/1999	IM40MB	ZINC	3,980.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XL	01/25/1999	IM40MB	ZINC	3,770.00		UG/L	66.00	91.00	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
MW-41	W41M1A	08/19/1999	OC21B	2,6-DINITROTOLUENE	5.00	J	UG/L	110.00	120.00	5.00	X
03MW0122A	WS122A	09/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	12.00		UG/L	1.00	11.00	6.00	X
11MW0003	WF143A	02/25/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00		UG/L	0.00	0.00	6.00	X
11MW0003	WF143A	09/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	24.00		UG/L	0.00	0.00	6.00	X
15MW0004	15MW0004	04/09/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	6.00		UG/L	0.00	10.00	6.00	X
15MW0008	15MW0008D	04/12/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	25.00	J	UG/L	0.00	0.00	6.00	X
28MW0106	WL28XA	02/19/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	18.00	J	UG/L	0.00	10.00	6.00	X
28MW0106	WL28XA	03/23/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	26.00		UG/L	0.00	10.00	6.00	X
58MW0002	WC2XXA	02/26/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	36.00		UG/L	4.00	9.00	6.00	X
58MW0005E	WC5EXA	09/27/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	0.00	10.00	6.00	X
58MW0006E	WC6EXA	10/03/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	59.00		UG/L	0.00	10.00	6.00	X
58MW0006E	WC6EXD	10/03/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	57.00		UG/L	0.00	10.00	6.00	X

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58MW0006E	WC6EXA	01/29/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	6.00		UG/L	0.00	10.00	6.00	X
58MW0007C	WC7CXA	09/28/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	13.00		UG/L	24.00	29.00	6.00	X
90MW0054	WF12XA	10/04/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	13.00	J	UG/L	95.00	100.00	6.00	X
90WT0003	WF03XA	09/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	58.00		UG/L	0.00	10.00	6.00	X
90WT0005	WF05XA	01/13/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	47.00		UG/L	0.00	10.00	6.00	X
90WT0013	WF13XA	01/16/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	34.00		UG/L	2.00	12.00	6.00	X
90WT0013	WF13XA	01/14/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	16.00		UG/L	2.00	12.00	6.00	X
95-14	W9514A	09/28/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	22.00		UG/L	90.00	120.00	6.00	X
97-1	W9701A	11/19/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	54.00	J	UG/L	62.00	72.00	6.00	X
97-1	W9701D	11/19/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	28.00	J	UG/L	62.00	72.00	6.00	X
97-2	W9702A	11/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00		UG/L	53.00	63.00	6.00	X
97-3	W9703A	11/21/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	73.00	J	UG/L	36.00	46.00	6.00	X
97-5	W9705A	11/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	15.00		UG/L	76.00	86.00	6.00	X
BHW215083	WG083A	11/26/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	13.00		UG/L	0.00	0.00	6.00	X
LRWS1-4	WL14XA	10/06/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	78.00	J	UG/L	107.00	117.00	6.00	X
LRWS2-3	WL23XA	11/21/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	20.00	J	UG/L	68.00	83.00	6.00	X
LRWS2-6	WL26XA	10/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	21.00		UG/L	75.00	90.00	6.00	X
LRWS2-6	WL26XA	10/04/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00	J	UG/L	75.00	90.00	6.00	X
LRWS4-1	WL41XA	11/24/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	100.00		UG/L	66.00	91.00	6.00	X
LRWS5-1	WL51XA	11/25/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00		UG/L	66.00	91.00	6.00	X
MW-10	W10SSA	09/16/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	39.00		UG/L	0.00	10.00	6.00	X
MW-11	W11SSA	11/06/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	33.00	J	UG/L	0.00	10.00	6.00	X
MW-11	W11SSD	11/06/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	23.00	J	UG/L	0.00	10.00	6.00	X
MW-12	W12SSA	11/06/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	28.00		UG/L	0.00	10.00	6.00	X
MW-14	W14SSA	11/04/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	14.00		UG/L	0.00	10.00	6.00	X
MW-16	W16SSA	11/17/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	28.00		UG/L	0.00	10.00	6.00	X
MW-16	W16DDA	11/17/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	43.00		UG/L	108.00	113.00	6.00	X
MW-17	W17SSD	11/10/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	120.00	J	UG/L	0.00	10.00	6.00	X
MW-17	W17DDA	11/11/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	42.00		UG/L	197.00	207.00	6.00	X
MW-18	W18SSA	10/10/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	36.00		UG/L	0.00	10.00	6.00	X
MW-18	W18DDA	09/10/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	11.00		UG/L	223.00	233.00	6.00	X
MW-19	W19DDA	03/04/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00		UG/L	251.00	256.00	6.00	X
MW-2	W02M2A	01/20/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	24.00		UG/L	31.00	36.00	6.00	X
MW-2	W02M1A	01/21/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	10.00	J	UG/L	73.00	78.00	6.00	X
MW-2	W02DDA	02/02/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00		UG/L	287.00	295.00	6.00	X

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH JANUARY 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-20	W20SSA	11/07/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	280.00		UG/L	0.00	10.00	6.00	X
MW-21	W21M2A	04/01/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	58.00	68.00	6.00	X
MW-22	W22SSA	11/24/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	96.00		UG/L	0.00	10.00	6.00	X
MW-22	W22SSA	09/20/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	18.00		UG/L	0.00	10.00	6.00	X
MW-23	W23SSA	10/27/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	24.00		UG/L	0.00	10.00	6.00	X
MW-23	W23M3A	11/13/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	10.00		UG/L	153.00	163.00	6.00	X
MW-23	W23M3D	11/13/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	13.00		UG/L	153.00	163.00	6.00	X
MW-24	W24SSA	11/14/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	0.00	10.00	6.00	X
MW-27	W27SSA	09/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00		UG/L	0.00	10.00	6.00	X
MW-28	W28SSA	11/03/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	11.00		UG/L	0.00	10.00	6.00	X
MW-28	W28SSA	09/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	150.00	J	UG/L	0.00	10.00	6.00	X
MW-29	W29SSA	11/03/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	16.00		UG/L	0.00	10.00	6.00	X
MW-29	W29SSA	09/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	20.00		UG/L	0.00	10.00	6.00	X
MW-36	W36M2A	08/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	59.00	69.00	6.00	X
MW-38	W38M3A	05/06/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	15.00		UG/L	53.00	63.00	6.00	X
MW-4	W04SSA	11/04/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	30.00		UG/L	0.00	10.00	6.00	X
MW-41	W41M2A	11/12/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00		UG/L	69.00	79.00	6.00	X
MW-43	W43M1A	05/26/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	6.00		UG/L	93.00	103.00	6.00	X
MW-44	W44M1A	09/20/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	14.00		UG/L	55.00	65.00	6.00	X
MW-45	W45M1A	05/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	37.00		UG/L	98.00	108.00	6.00	X
MW-46	W46M1A	11/01/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	6.00	J	UG/L	102.00	112.00	6.00	X
MW-46	W46DDA	11/02/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	14.00	J	UG/L	135.00	145.00	6.00	X
MW-47	W47M1A	08/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	14.00		UG/L	75.00	85.00	6.00	X
MW-47	W47DDA	08/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	16.00		UG/L	100.00	110.00	6.00	X
MW-49	W49SSA	03/01/2000	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	290.00		UG/L	0.00	10.00	6.00	X
MW-5	W05DDA	02/13/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00	J	UG/L	220.00	225.00	6.00	X
MW-52	W52M3A	08/27/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00	J	UG/L	26.00	36.00	6.00	X
MW-53	W53M1A	08/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	31.00		UG/L	100.00	110.00	6.00	X
MW-53	W53DDA	02/18/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	18.00		UG/L	157.00	167.00	6.00	X
MW-55	W55DDA	05/13/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	120.00	130.00	6.00	X
MW-57	W57SSA	12/21/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	3,300.00	J	UG/L	0.00	10.00	6.00	X
MW-57	W57M2A	06/30/2000	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00		UG/L	60.00	70.00	6.00	X
MW-57	W57DDA	12/13/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	95.00		UG/L	125.00	135.00	6.00	X
MW-7	W07SSA	10/31/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	10.00		UG/L	0.00	10.00	6.00	X
MW-70	W70M1A	10/27/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	10.00		UG/L	130.00	140.00	6.00	X

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TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH JANUARY 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-84	W84DDA	03/03/2000	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	30.00		UG/L	151.00	161.00	6.00	X
RW-1	WRW1XA	02/18/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	59.00		UG/L	0.00	9.00	6.00	X
RW-1	WRW1XD	10/06/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	11.00	J	UG/L	0.00	9.00	6.00	X
90MW0003	WF03MA	10/07/1999	OC21B	NAPHTHALENE	33.00		UG/L	60.00	65.00	20.00	X
MW-45	W45SSA	05/26/1999	OC21B	NAPHTHALENE	24.00		UG/L	0.00	10.00	20.00	X
MW-45	W45SSA	11/16/1999	OC21B	NAPHTHALENE	27.00		UG/L	0.00	10.00	20.00	X
90MW0003	WF03MA	10/07/1999	OC21V	1,2-DICHLOROETHANE	5.00		UG/L	60.00	65.00	5.00	X
03MW0007A	03MW0007A	04/13/1999	OC21V	TETRACHLOROETHYLENE(P	6.00		UG/L	21.00	26.00	5.00	X
03MW0014A	03MW0014A	04/13/1999	OC21V	TETRACHLOROETHYLENE(P	8.00		UG/L	38.00	43.00	5.00	X
03MW0020	03MW0020	04/14/1999	OC21V	TETRACHLOROETHYLENE(P	12.00		UG/L	36.00	41.00	5.00	X
MW-45	W45SSA	11/16/1999	OC21V	TOLUENE	1,000.00		UG/L	0.00	10.00	1,000.00	X
MW-45	W45SSA	05/29/2000	OC21V	TOLUENE	1,100.00		UG/L	0.00	10.00	1,000.00	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 12/10/00-1/31/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
90EW0002AA	90EW0002AA	01/19/2001	GROUNDWATER	86.00	86.00	61.30	61.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
90EW0002AA	90EW0002AA	01/19/2001	GROUNDWATER	86.00	86.00	61.30	61.30	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
90EW0002BA	90EW0002BA	01/19/2001	GROUNDWATER	96.00	96.00	71.30	71.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
90EW0002BA	90EW0002BA	01/19/2001	GROUNDWATER	96.00	96.00	71.30	71.30	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
90EW0002CA	90EW0002CA	01/19/2001	GROUNDWATER	106.00	106.00	81.30	81.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
90EW0002CA	90EW0002CA	01/19/2001	GROUNDWATER	106.00	106.00	81.30	81.30	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
90EW0002DA	90EW0002DA	01/22/2001	GROUNDWATER	116.00	116.00	91.20	91.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
90EW0002DA	90EW0002DA	01/22/2001	GROUNDWATER	116.00	116.00	91.20	91.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
90EW0002EA	90EW0002EA	01/23/2001	GROUNDWATER	126.00	126.00	101.20	101.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
90EW0002EA	90EW0002EA	01/23/2001	GROUNDWATER	126.00	126.00	101.20	101.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
90EW0002FA	90EW0002FA	01/23/2001	GROUNDWATER	136.00	136.00	111.20	111.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
90EW0002FA	90EW0002FA	01/23/2001	GROUNDWATER	136.00	136.00	111.20	111.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
90EW0002GA	90EW0002GA	01/23/2001	GROUNDWATER	146.00	146.00	121.20	121.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
90EW0002GA	90EW0002GA	01/23/2001	GROUNDWATER	146.00	146.00	121.20	121.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W101M1A	MW-101	01/22/2001	GROUNDWATER	158.00	168.00	24.98	34.98	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W111M3A	MW-111	01/17/2001	GROUNDWATER	165.00	175.00	29.80	39.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W112M2A	MW-112	01/16/2001	GROUNDWATER	165.00	175.00	24.20	34.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W112M2D	MW-112	01/16/2001	GROUNDWATER	165.00	175.00	24.20	34.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W125M1A	MW-125	12/14/2000	GROUNDWATER	232.00	242.00	180.66	190.66	E900	ALPHA, GROSS	
W125M1A	MW-125	12/14/2000	GROUNDWATER	232.00	242.00	180.66	190.66	E900	BETA, GROSS	
W135M2A	MW-135	01/09/2001	GROUNDWATER	280.00	290.00	90.90	100.90	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W27SSA	MW-27	12/28/2000	GROUNDWATER	117.00	127.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W86M2A	MW-86	01/03/2001	GROUNDWATER	158.00	168.00	12.37	22.37	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W86M2A	MW-86	01/03/2001	GROUNDWATER	158.00	168.00	12.37	22.37	8330N	NITROGLYCERIN	NO
W86M2D	MW-86	01/03/2001	GROUNDWATER	158.00	168.00	12.37	22.37	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W86M2D	MW-86	01/03/2001	GROUNDWATER	158.00	168.00	12.37	22.37	8330N	NITROGLYCERIN	NO
W86SSA	MW-86	01/03/2001	GROUNDWATER	143.00	153.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W86SSA	MW-86	01/03/2001	GROUNDWATER	143.00	153.00	0.00	10.00	8330N	NITROGLYCERIN	NO
W90M1A	MW-90	01/20/2001	GROUNDWATER	145.00	155.00	24.45	34.45	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W90M1A	MW-90	01/20/2001	GROUNDWATER	145.00	155.00	24.45	34.45	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W90SSA	MW-90	01/20/2001	GROUNDWATER	118.00	128.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W91M1A	MW-91	01/20/2001	GROUNDWATER	170.00	180.00	42.85	52.85	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES

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DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 12/10/00-1/31/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W91M1A	MW-91	01/20/2001	GROUNDWATER	170.00	180.00	42.85	52.85	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W91SSA	MW-91	01/20/2001	GROUNDWATER	124.00	134.00	0.00	10.00	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W91SSA	MW-91	01/20/2001	GROUNDWATER	124.00	134.00	0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W91SSA	MW-91	01/20/2001	GROUNDWATER	124.00	134.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W91SSA	MW-91	01/20/2001	GROUNDWATER	124.00	134.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W93M1A	MW-93	01/22/2001	GROUNDWATER	185.00	195.00	54.20	64.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W93M1D	MW-93	01/22/2001	GROUNDWATER	185.00	195.00	54.20	64.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W93SSA	MW-93	01/20/2001	GROUNDWATER	145.00	155.00	14.05	24.05	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W93SSA	MW-93	01/20/2001	GROUNDWATER	145.00	155.00	14.05	24.05	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W96M2A	MW-96	01/08/2001	GROUNDWATER	160.00	170.00	23.52	33.52	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W97M1A	MW-97	01/03/2001	GROUNDWATER	235.00	245.00	110.00	120.00	8330N	NITROGLYCERIN	NO
W97M3A	MW-97	01/08/2001	GROUNDWATER	140.00	150.00	15.03	25.03	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G143DEA	MW-143	01/02/2001	PROFILE	80.00	80.00	46.10	46.10	OC21V	ACETONE	
G143DEA	MW-143	01/02/2001	PROFILE	80.00	80.00	46.10	46.10	OC21V	METHYL ETHYL KETONE (2-BUTA	
G143DEA	MW-143	01/02/2001	PROFILE	80.00	80.00	46.10	46.10	OC21V	TOLUENE	
G143DFA	MW-143	01/02/2001	PROFILE	90.00	90.00	56.10	56.10	OC21V	ACETONE	
G143DFA	MW-143	01/02/2001	PROFILE	90.00	90.00	56.10	56.10	OC21V	CHLOROFORM	
G143DFA	MW-143	01/02/2001	PROFILE	90.00	90.00	56.10	56.10	OC21V	TOLUENE	
G143DFD	MW-143	01/02/2001	PROFILE	90.00	90.00	56.10	56.10	OC21V	ACETONE	
G143DFD	MW-143	01/02/2001	PROFILE	90.00	90.00	56.10	56.10	OC21V	CHLOROFORM	
G143DFD	MW-143	01/02/2001	PROFILE	90.00	90.00	56.10	56.10	OC21V	TOLUENE	
G143DGA	MW-143	01/02/2001	PROFILE	100.00	100.00	66.10	66.10	OC21V	ACETONE	
G143DGA	MW-143	01/02/2001	PROFILE	100.00	100.00	66.10	66.10	OC21V	CHLOROFORM	
G143DGA	MW-143	01/02/2001	PROFILE	100.00	100.00	66.10	66.10	OC21V	TOLUENE	
G143DHA	MW-143	01/02/2001	PROFILE	110.00	110.00	76.10	76.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G143DHA	MW-143	01/02/2001	PROFILE	110.00	110.00	76.10	76.10	8330N	NITROGLYCERIN	NO
G143DHA	MW-143	01/02/2001	PROFILE	110.00	110.00	76.10	76.10	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G143DHA	MW-143	01/02/2001	PROFILE	110.00	110.00	76.10	76.10	OC21V	ACETONE	
G143DHA	MW-143	01/02/2001	PROFILE	110.00	110.00	76.10	76.10	OC21V	CHLOROFORM	
G143DHA	MW-143	01/02/2001	PROFILE	110.00	110.00	76.10	76.10	OC21V	TOLUENE	
G143DIA	MW-143	01/03/2001	PROFILE	120.00	120.00	86.10	86.10	8330N	2,6-DINITROTOLUENE	YES
G143DIA	MW-143	01/03/2001	PROFILE	120.00	120.00	86.10	86.10	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES

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DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 12/10/00-1/31/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G143DIA	MW-143	01/03/2001	PROFILE	120.00	120.00	86.10	86.10	8330N	PICRIC ACID	NO
G143DIA	MW-143	01/03/2001	PROFILE	120.00	120.00	86.10	86.10	OC21V	ACETONE	
G143DIA	MW-143	01/03/2001	PROFILE	120.00	120.00	86.10	86.10	OC21V	CHLOROFORM	
G143DIA	MW-143	01/03/2001	PROFILE	120.00	120.00	86.10	86.10	OC21V	METHYL ETHYL KETONE (2-BUTA	
G143DIA	MW-143	01/03/2001	PROFILE	120.00	120.00	86.10	86.10	OC21V	TOLUENE	
G143DJA	MW-143	01/03/2001	PROFILE	130.00	130.00	96.10	96.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G143DJA	MW-143	01/03/2001	PROFILE	130.00	130.00	96.10	96.10	OC21V	ACETONE	
G143DJA	MW-143	01/03/2001	PROFILE	130.00	130.00	96.10	96.10	OC21V	CHLOROFORM	
G143DJA	MW-143	01/03/2001	PROFILE	130.00	130.00	96.10	96.10	OC21V	METHYL ETHYL KETONE (2-BUTA	
G143DJA	MW-143	01/03/2001	PROFILE	130.00	130.00	96.10	96.10	OC21V	TOLUENE	
G143DKA	MW-143	01/03/2001	PROFILE	140.00	140.00	106.10	106.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G143DKA	MW-143	01/03/2001	PROFILE	140.00	140.00	106.10	106.10	OC21V	ACETONE	
G143DKA	MW-143	01/03/2001	PROFILE	140.00	140.00	106.10	106.10	OC21V	CHLOROFORM	
G143DKA	MW-143	01/03/2001	PROFILE	140.00	140.00	106.10	106.10	OC21V	TOLUENE	
G143DLA	MW-143	01/03/2001	PROFILE	150.00	150.00	116.10	116.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G143DLA	MW-143	01/03/2001	PROFILE	150.00	150.00	116.10	116.10	8330N	PICRIC ACID	NO
G143DLA	MW-143	01/03/2001	PROFILE	150.00	150.00	116.10	116.10	OC21V	1,4-DICHLOROBENZENE	
G143DLA	MW-143	01/03/2001	PROFILE	150.00	150.00	116.10	116.10	OC21V	2-HEXANONE	
G143DLA	MW-143	01/03/2001	PROFILE	150.00	150.00	116.10	116.10	OC21V	ACETONE	
G143DLA	MW-143	01/03/2001	PROFILE	150.00	150.00	116.10	116.10	OC21V	METHYL ETHYL KETONE (2-BUTA	
G143DLA	MW-143	01/03/2001	PROFILE	150.00	150.00	116.10	116.10	OC21V	TOLUENE	
G143DMA	MW-143	01/04/2001	PROFILE	160.00	160.00	126.10	126.10	OC21V	CHLOROFORM	
G143DMA	MW-143	01/04/2001	PROFILE	160.00	160.00	126.10	126.10	OC21V	TOLUENE	
G143DMD	MW-143	01/04/2001	PROFILE	160.00	160.00	126.10	136.10	OC21V	CHLOROFORM	
G143DMD	MW-143	01/04/2001	PROFILE	160.00	160.00	126.10	136.10	OC21V	TOLUENE	
G143DNA	MW-143	01/04/2001	PROFILE	170.00	170.00	136.10	136.10	OC21V	CHLOROFORM	
G143DOA	MW-143	01/04/2001	PROFILE	180.00	180.00	146.10	146.10	OC21V	ACETONE	
G143DOA	MW-143	01/04/2001	PROFILE	180.00	180.00	146.10	146.10	OC21V	CHLOROFORM	
G143DOA	MW-143	01/04/2001	PROFILE	180.00	180.00	146.10	146.10	OC21V	METHYL ETHYL KETONE (2-BUTA	
G143DOA	MW-143	01/04/2001	PROFILE	180.00	180.00	146.10	146.10	OC21V	TOLUENE	
G143DQA	MW-143	01/04/2001	PROFILE	200.00	200.00	166.10	166.10	OC21V	ACETONE	
G143DRA	MW-143	01/04/2001	PROFILE	210.00	210.00	176.10	176.10	OC21V	ACETONE	

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 12/10/00-1/31/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G143DSA	MW-143	01/05/2001	PROFILE	220.00	220.00	186.10	186.10	OC21V	ACETONE	
G143DUA	MW-143	01/05/2001	PROFILE	240.00	240.00	206.10	206.10	OC21V	ACETONE	
G143DUD	MW-143	01/05/2001	PROFILE	240.00	240.00	206.10	206.10	OC21V	ACETONE	
G144DAA	MW-144	01/03/2001	PROFILE	30.00	30.00	1.70	1.70	8330N	3-NITROTOLUENE	NO
G144DAA	MW-144	01/03/2001	PROFILE	30.00	30.00	1.70	1.70	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G144DAA	MW-144	01/03/2001	PROFILE	30.00	30.00	1.70	1.70	8330N	PICRIC ACID	NO
G144DAA	MW-144	01/03/2001	PROFILE	30.00	30.00	1.70	1.70	OC21V	ACETONE	
G144DAA	MW-144	01/03/2001	PROFILE	30.00	30.00	1.70	1.70	OC21V	CHLOROFORM	
G144DAA	MW-144	01/03/2001	PROFILE	30.00	30.00	1.70	1.70	OC21V	METHYL ETHYL KETONE (2-BUTA	
G144DBA	MW-144	01/03/2001	PROFILE	40.00	40.00	11.70	11.70	8330N	3-NITROTOLUENE	NO
G144DBA	MW-144	01/03/2001	PROFILE	40.00	40.00	11.70	11.70	8330N	4-NITROTOLUENE	NO
G144DBA	MW-144	01/03/2001	PROFILE	40.00	40.00	11.70	11.70	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G144DBA	MW-144	01/03/2001	PROFILE	40.00	40.00	11.70	11.70	8330N	PICRIC ACID	NO
G144DBA	MW-144	01/03/2001	PROFILE	40.00	40.00	11.70	11.70	OC21V	ACETONE	
G144DBA	MW-144	01/03/2001	PROFILE	40.00	40.00	11.70	11.70	OC21V	CHLOROFORM	
G144DCA	MW-144	01/03/2001	PROFILE	50.00	50.00	21.70	21.70	8330N	2,4-DINITROTOLUENE	NO
G144DCA	MW-144	01/03/2001	PROFILE	50.00	50.00	21.70	21.70	8330N	NITROGLYCERIN	NO
G144DCA	MW-144	01/03/2001	PROFILE	50.00	50.00	21.70	21.70	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G144DCA	MW-144	01/03/2001	PROFILE	50.00	50.00	21.70	21.70	OC21V	ACETONE	
G144DCD	MW-144	01/03/2001	PROFILE	50.00	50.00	21.70	21.70	8330N	NITROGLYCERIN	NO
G144DCD	MW-144	01/03/2001	PROFILE	50.00	50.00	21.70	21.70	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G144DCD	MW-144	01/03/2001	PROFILE	50.00	50.00	21.70	21.70	8330N	PICRIC ACID	NO
G144DCD	MW-144	01/03/2001	PROFILE	50.00	50.00	21.70	21.70	OC21V	ACETONE	
G144DDA	MW-144	01/03/2001	PROFILE	60.00	60.00	31.70	31.70	8330N	PICRIC ACID	NO
G144DDA	MW-144	01/03/2001	PROFILE	60.00	60.00	31.70	31.70	OC21V	ACETONE	
G144DEA	MW-144	01/04/2001	PROFILE	70.00	70.00	41.70	41.70	8330N	3-NITROTOLUENE	YES
G144DEA	MW-144	01/04/2001	PROFILE	70.00	70.00	41.70	41.70	8330N	NITROGLYCERIN	NO
G144DEA	MW-144	01/04/2001	PROFILE	70.00	70.00	41.70	41.70	8330N	PICRIC ACID	NO
G144DEA	MW-144	01/04/2001	PROFILE	70.00	70.00	41.70	41.70	OC21V	ACETONE	
G144DFA	MW-144	01/04/2001	PROFILE	80.00	80.00	51.70	51.70	8330N	PICRIC ACID	NO
G144DGA	MW-144	01/04/2001	PROFILE	90.00	90.00	61.70	61.70	8330N	PICRIC ACID	NO
G144DGA	MW-144	01/04/2001	PROFILE	90.00	90.00	61.70	61.70	OC21V	ACETONE	

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TABLE 4
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(UNVALIDATED)
SAMPLES COLLECTED 12/10/00-1/31/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G144DHA	MW-144	01/04/2001	PROFILE	100.00	100.00	71.70	71.70	8330N	PICRIC ACID	NO
G144DIA	MW-144	01/04/2001	PROFILE	110.00	110.00	81.70	81.70	OC21V	CHLOROFORM	
G144DJA	MW-144	01/04/2001	PROFILE	120.00	120.00	91.70	91.70	OC21V	CHLOROFORM	
G144DLA	MW-144	01/04/2001	PROFILE	140.00	140.00	111.70	111.70	OC21V	CHLOROFORM	
G144DLD	MW-144	01/04/2001	PROFILE	140.00	140.00	111.70	111.70	OC21V	CHLOROFORM	
G144DMA	MW-144	01/05/2001	PROFILE	150.00	150.00	121.70	121.70	8330N	3-NITROTOLUENE	NO
G144DMA	MW-144	01/05/2001	PROFILE	150.00	150.00	121.70	121.70	8330N	4-NITROTOLUENE	NO
G144DMA	MW-144	01/05/2001	PROFILE	150.00	150.00	121.70	121.70	8330N	PENTAERYTHRITOL TETRANITR/	NO
G144DMA	MW-144	01/05/2001	PROFILE	150.00	150.00	121.70	121.70	8330N	PICRIC ACID	NO
G144DMA	MW-144	01/05/2001	PROFILE	150.00	150.00	121.70	121.70	OC21V	ACETONE	
G144DMA	MW-144	01/05/2001	PROFILE	150.00	150.00	121.70	121.70	OC21V	TOLUENE	
G144DNA	MW-144	01/05/2001	PROFILE	160.00	160.00	131.70	131.70	8330N	3-NITROTOLUENE	NO
G144DNA	MW-144	01/05/2001	PROFILE	160.00	160.00	131.70	131.70	8330N	PICRIC ACID	NO
G144DNA	MW-144	01/05/2001	PROFILE	160.00	160.00	131.70	131.70	OC21V	ACETONE	
G144DNA	MW-144	01/05/2001	PROFILE	160.00	160.00	131.70	131.70	OC21V	TOLUENE	
G144DOA	MW-144	01/05/2001	PROFILE	170.00	170.00	141.70	141.70	8330N	PICRIC ACID	NO
G144DOA	MW-144	01/05/2001	PROFILE	170.00	170.00	141.70	141.70	OC21V	ACETONE	
G144DPA	MW-144	01/05/2001	PROFILE	180.00	180.00	151.70	151.70	8330N	PICRIC ACID	NO
G144DPA	MW-144	01/05/2001	PROFILE	180.00	180.00	151.70	151.70	OC21V	ACETONE	
G144DQA	MW-144	01/05/2001	PROFILE	190.00	190.00	161.70	161.70	8330N	PICRIC ACID	NO
G144DQA	MW-144	01/05/2001	PROFILE	190.00	190.00	161.70	161.70	OC21V	ACETONE	
G144DQA	MW-144	01/05/2001	PROFILE	190.00	190.00	161.70	161.70	OC21V	CHLOROFORM	
G144DQA	MW-144	01/05/2001	PROFILE	190.00	190.00	161.70	161.70	OC21V	TOLUENE	
G144DRA	MW-144	01/08/2001	PROFILE	200.00	200.00	171.70	171.70	8330N	3-NITROTOLUENE	NO
G144DRA	MW-144	01/08/2001	PROFILE	200.00	200.00	171.70	171.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G144DRA	MW-144	01/08/2001	PROFILE	200.00	200.00	171.70	171.70	8330N	PENTAERYTHRITOL TETRANITR/	NO
G144DRA	MW-144	01/08/2001	PROFILE	200.00	200.00	171.70	171.70	8330N	PICRIC ACID	NO
G144DRA	MW-144	01/08/2001	PROFILE	200.00	200.00	171.70	171.70	OC21V	ACETONE	
G144DRA	MW-144	01/08/2001	PROFILE	200.00	200.00	171.70	171.70	OC21V	CARBON DISULFIDE	
G144DRA	MW-144	01/08/2001	PROFILE	200.00	200.00	171.70	171.70	OC21V	METHYL ETHYL KETONE (2-BUTA	
G144DRA	MW-144	01/08/2001	PROFILE	200.00	200.00	171.70	171.70	OC21V	METHYL ISOBUTYL KETONE (4-M	
G144DSA	MW-144	01/08/2001	PROFILE	210.00	210.00	181.70	181.70	8330N	3-NITROTOLUENE	NO

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(UNVALIDATED)
SAMPLES COLLECTED 12/10/00-1/31/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G144DSA	MW-144	01/08/2001	PROFILE	210.00	210.00	181.70	181.70	8330N	4-NITROTOLUENE	NO
G144DSA	MW-144	01/08/2001	PROFILE	210.00	210.00	181.70	181.70	8330N	PICRIC ACID	NO
G144DSA	MW-144	01/08/2001	PROFILE	210.00	210.00	181.70	181.70	OC21V	ACETONE	
G144DUA	MW-144	01/08/2001	PROFILE	230.00	230.00	201.70	201.70	8330N	3-NITROTOLUENE	NO
G144DUA	MW-144	01/08/2001	PROFILE	230.00	230.00	201.70	201.70	8330N	PICRIC ACID	NO
G144DUA	MW-144	01/08/2001	PROFILE	230.00	230.00	201.70	201.70	OC21V	ACETONE	
G144DUD	MW-144	01/08/2001	PROFILE	230.00	230.00	201.70	201.70	8330N	1,3-DINITROBENZENE	YES
G144DUD	MW-144	01/08/2001	PROFILE	230.00	230.00	201.70	201.70	8330N	3-NITROTOLUENE	NO
G144DUD	MW-144	01/08/2001	PROFILE	230.00	230.00	201.70	201.70	8330N	4-NITROTOLUENE	NO
G144DUD	MW-144	01/08/2001	PROFILE	230.00	230.00	201.70	201.70	OC21V	ACETONE	
G145DAA	MW-145	01/04/2001	PROFILE	40.00	40.00	6.40	6.40	8330N	2,6-DINITROTOLUENE	NO
G145DAA	MW-145	01/04/2001	PROFILE	40.00	40.00	6.40	6.40	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G145DAA	MW-145	01/04/2001	PROFILE	40.00	40.00	6.40	6.40	OC21V	ACETONE	
G145DAA	MW-145	01/04/2001	PROFILE	40.00	40.00	6.40	6.40	OC21V	CHLOROFORM	
G145DAA	MW-145	01/04/2001	PROFILE	40.00	40.00	6.40	6.40	OC21V	TOLUENE	
G145DBA	MW-145	01/04/2001	PROFILE	50.00	50.00	16.40	16.40	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G145DBA	MW-145	01/04/2001	PROFILE	50.00	50.00	16.40	16.40	OC21V	ACETONE	
G145DBA	MW-145	01/04/2001	PROFILE	50.00	50.00	16.40	16.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G145DBA	MW-145	01/04/2001	PROFILE	50.00	50.00	16.40	16.40	OC21V	TOLUENE	
G145DCA	MW-145	01/04/2001	PROFILE	60.00	60.00	26.40	26.40	OC21V	ACETONE	
G145DCA	MW-145	01/04/2001	PROFILE	60.00	60.00	26.40	26.40	OC21V	CHLOROFORM	
G145DCA	MW-145	01/04/2001	PROFILE	60.00	60.00	26.40	26.40	OC21V	TOLUENE	
G145DCD	MW-145	01/04/2001	PROFILE	60.00	60.00	26.40	26.40	OC21V	ACETONE	
G145DCD	MW-145	01/04/2001	PROFILE	60.00	60.00	26.40	26.40	OC21V	CHLOROFORM	
G145DCD	MW-145	01/04/2001	PROFILE	60.00	60.00	26.40	26.40	OC21V	TOLUENE	
G145DDA	MW-145	01/04/2001	PROFILE	70.00	70.00	36.40	36.40	OC21V	TOLUENE	
G145DEA	MW-145	01/04/2001	PROFILE	80.00	80.00	46.40	46.40	OC21V	ACETONE	
G145DEA	MW-145	01/04/2001	PROFILE	80.00	80.00	46.40	46.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G145DEA	MW-145	01/04/2001	PROFILE	80.00	80.00	46.40	46.40	OC21V	TOLUENE	
G145DFA	MW-145	01/04/2001	PROFILE	90.00	90.00	56.40	56.40	OC21V	TOLUENE	
G145DGA	MW-145	01/05/2001	PROFILE	100.00	100.00	66.40	66.40	OC21V	ACETONE	
G145DGA	MW-145	01/05/2001	PROFILE	100.00	100.00	66.40	66.40	OC21V	CHLOROFORM	

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(UNVALIDATED)
SAMPLES COLLECTED 12/10/00-1/31/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G145DHA	MW-145	01/05/2001	PROFILE	110.00	110.00	76.40	76.40	OC21V	ACETONE	
G145DHA	MW-145	01/05/2001	PROFILE	110.00	110.00	76.40	76.40	OC21V	CHLOROFORM	
G145DIA	MW-145	01/05/2001	PROFILE	120.00	120.00	86.40	86.40	OC21V	ACETONE	
G145DIA	MW-145	01/05/2001	PROFILE	120.00	120.00	86.40	86.40	OC21V	CHLOROFORM	
G145DJA	MW-145	01/05/2001	PROFILE	130.00	130.00	96.40	96.40	8330N	2,6-DINITROTOLUENE	NO
G145DJA	MW-145	01/05/2001	PROFILE	130.00	130.00	96.40	96.40	OC21V	ACETONE	
G145DKA	MW-145	01/05/2001	PROFILE	140.00	140.00	106.40	106.40	OC21V	ACETONE	
G145DKA	MW-145	01/05/2001	PROFILE	140.00	140.00	106.40	106.40	OC21V	CHLOROFORM	
G145DKA	MW-145	01/05/2001	PROFILE	140.00	140.00	106.40	106.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G145DLA	MW-145	01/05/2001	PROFILE	150.00	150.00	116.40	116.40	OC21V	ACETONE	
G145DLA	MW-145	01/05/2001	PROFILE	150.00	150.00	116.40	116.40	OC21V	CHLOROFORM	
G145DLA	MW-145	01/05/2001	PROFILE	150.00	150.00	116.40	116.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G145DLD	MW-145	01/05/2001	PROFILE	150.00	150.00	116.40	116.40	OC21V	ACETONE	
G145DLD	MW-145	01/05/2001	PROFILE	150.00	150.00	116.40	116.40	OC21V	CHLOROFORM	
G145DLD	MW-145	01/05/2001	PROFILE	150.00	150.00	116.40	116.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G145DNA	MW-145	01/08/2001	PROFILE	170.00	170.00	136.40	136.40	OC21V	ACETONE	
G145DOA	MW-145	01/08/2001	PROFILE	180.00	180.00	146.40	146.40	OC21V	ACETONE	
G145DOA	MW-145	01/08/2001	PROFILE	180.00	180.00	146.40	146.40	OC21V	CHLOROFORM	
G145DPA	MW-145	01/08/2001	PROFILE	190.00	190.00	156.40	156.40	OC21V	ACETONE	
G145DPA	MW-145	01/08/2001	PROFILE	190.00	190.00	156.40	156.40	OC21V	CHLOROFORM	
G145DQA	MW-145	01/09/2001	PROFILE	200.00	200.00	166.40	166.40	OC21V	ACETONE	
G145DQA	MW-145	01/09/2001	PROFILE	200.00	200.00	166.40	166.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G145DRA	MW-145	01/09/2001	PROFILE	210.00	210.00	176.40	176.40	OC21V	ACETONE	
G145DRA	MW-145	01/09/2001	PROFILE	210.00	210.00	176.40	176.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G145DSA	MW-145	01/09/2001	PROFILE	220.00	220.00	186.40	186.40	OC21V	ACETONE	
G145DTA	MW-145	01/09/2001	PROFILE	230.00	230.00	196.40	196.40	OC21V	ACETONE	
G145DTA	MW-145	01/09/2001	PROFILE	230.00	230.00	196.40	196.40	OC21V	CARBON DISULFIDE	
G145DTA	MW-145	01/09/2001	PROFILE	230.00	230.00	196.40	196.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G145DTD	MW-145	01/09/2001	PROFILE	230.00	230.00	196.40	196.40	OC21V	ACETONE	
G145DTD	MW-145	01/09/2001	PROFILE	230.00	230.00	196.40	196.40	OC21V	CARBON DISULFIDE	
G146DAA	MW-146	01/15/2001	PROFILE	100.00	100.00	5.90	5.90	8330N	1,3,5-TRINITROBENZENE	NO
G146DAA	MW-146	01/15/2001	PROFILE	100.00	100.00	5.90	5.90	8330N	2,6-DINITROTOLUENE	NO

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 12/10/00-1/31/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G146DAA	MW-146	01/15/2001	PROFILE	100.00	100.00	5.90	5.90	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G146DAA	MW-146	01/15/2001	PROFILE	100.00	100.00	5.90	5.90	8330N	NITROGLYCERIN	NO
G146DAA	MW-146	01/15/2001	PROFILE	100.00	100.00	5.90	5.90	8330N	PICRIC ACID	NO
G146DAA	MW-146	01/15/2001	PROFILE	100.00	100.00	5.90	5.90	OC21V	ACETONE	
G146DAA	MW-146	01/15/2001	PROFILE	100.00	100.00	5.90	5.90	OC21V	CHLOROFORM	
G146DAA	MW-146	01/15/2001	PROFILE	100.00	100.00	5.90	5.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G146DBA	MW-146	01/15/2001	PROFILE	110.00	110.00	15.90	15.90	8330N	NITROGLYCERIN	NO
G146DBA	MW-146	01/15/2001	PROFILE	110.00	110.00	15.90	15.90	8330N	PICRIC ACID	NO
G146DBA	MW-146	01/15/2001	PROFILE	110.00	110.00	15.90	15.90	OC21V	ACETONE	
G146DBA	MW-146	01/15/2001	PROFILE	110.00	110.00	15.90	15.90	OC21V	CHLOROFORM	
G146DBA	MW-146	01/15/2001	PROFILE	110.00	110.00	15.90	15.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G146DCA	MW-146	01/15/2001	PROFILE	120.00	120.00	25.90	25.90	8330N	NITROGLYCERIN	NO
G146DCA	MW-146	01/15/2001	PROFILE	120.00	120.00	25.90	25.90	8330N	PICRIC ACID	NO
G146DCA	MW-146	01/15/2001	PROFILE	120.00	120.00	25.90	25.90	OC21V	ACETONE	
G146DCA	MW-146	01/15/2001	PROFILE	120.00	120.00	25.90	25.90	OC21V	CHLOROFORM	
G146DCA	MW-146	01/15/2001	PROFILE	120.00	120.00	25.90	25.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G146DCD	MW-146	01/15/2001	PROFILE	120.00	120.00	25.90	25.90	8330N	NITROGLYCERIN	NO
G146DCD	MW-146	01/15/2001	PROFILE	120.00	120.00	25.90	25.90	8330N	PICRIC ACID	NO
G146DCD	MW-146	01/15/2001	PROFILE	120.00	120.00	25.90	25.90	OC21V	ACETONE	
G146DCD	MW-146	01/15/2001	PROFILE	120.00	120.00	25.90	25.90	OC21V	CHLOROFORM	
G146DCD	MW-146	01/15/2001	PROFILE	120.00	120.00	25.90	25.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G146DDA	MW-146	01/15/2001	PROFILE	130.00	130.00	35.90	35.90	8330N	NITROGLYCERIN	NO
G146DDA	MW-146	01/15/2001	PROFILE	130.00	130.00	35.90	35.90	8330N	PICRIC ACID	NO
G146DDA	MW-146	01/15/2001	PROFILE	130.00	130.00	35.90	35.90	OC21V	ACETONE	
G146DDA	MW-146	01/15/2001	PROFILE	130.00	130.00	35.90	35.90	OC21V	CHLOROFORM	
G146DDA	MW-146	01/15/2001	PROFILE	130.00	130.00	35.90	35.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G146DEA	MW-146	01/15/2001	PROFILE	140.00	140.00	45.90	45.95	8330N	NITROGLYCERIN	NO
G146DEA	MW-146	01/15/2001	PROFILE	140.00	140.00	45.90	45.95	8330N	PICRIC ACID	NO
G146DEA	MW-146	01/15/2001	PROFILE	140.00	140.00	45.90	45.95	OC21V	ACETONE	
G146DEA	MW-146	01/15/2001	PROFILE	140.00	140.00	45.90	45.95	OC21V	CHLOROFORM	
G146DEA	MW-146	01/15/2001	PROFILE	140.00	140.00	45.90	45.95	OC21V	METHYL ETHYL KETONE (2-BUTA	
G146DFA	MW-146	01/15/2001	PROFILE	150.00	150.00	55.90	55.95	OC21V	ACETONE	

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 12/10/00-1/31/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G146DFA	MW-146	01/15/2001	PROFILE	150.00	150.00	55.90	55.95	OC21V	CHLOROFORM	
G146DFA	MW-146	01/15/2001	PROFILE	150.00	150.00	55.90	55.95	OC21V	METHYL ETHYL KETONE (2-BUTA	
G146DGA	MW-146	01/15/2001	PROFILE	160.00	160.00	65.90	65.90	OC21V	ACETONE	
G146DGA	MW-146	01/15/2001	PROFILE	160.00	160.00	65.90	65.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G146DHA	MW-146	01/16/2001	PROFILE	170.00	170.00	75.90	75.90	8330N	2,6-DINITROTOLUENE	NO
G146DHA	MW-146	01/16/2001	PROFILE	170.00	170.00	75.90	75.90	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G146DHA	MW-146	01/16/2001	PROFILE	170.00	170.00	75.90	75.90	8330N	NITROGLYCERIN	NO
G146DHA	MW-146	01/16/2001	PROFILE	170.00	170.00	75.90	75.90	OC21V	ACETONE	
G146DHA	MW-146	01/16/2001	PROFILE	170.00	170.00	75.90	75.90	OC21V	CHLOROETHANE	
G146DHA	MW-146	01/16/2001	PROFILE	170.00	170.00	75.90	75.90	OC21V	CHLOROMETHANE	
G146DHA	MW-146	01/16/2001	PROFILE	170.00	170.00	75.90	75.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G146DHA	MW-146	01/16/2001	PROFILE	170.00	170.00	75.90	75.90	OC21V	TOLUENE	
G146DIA	MW-146	01/16/2001	PROFILE	180.00	180.00	85.90	85.90	OC21V	ACETONE	
G146DIA	MW-146	01/16/2001	PROFILE	180.00	180.00	85.90	85.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G146DJA	MW-146	01/16/2001	PROFILE	190.00	190.00	95.90	95.90	OC21V	ACETONE	
G146DKA	MW-146	01/16/2001	PROFILE	200.00	200.00	105.90	105.90	OC21V	ACETONE	
G146DKA	MW-146	01/16/2001	PROFILE	200.00	200.00	105.90	105.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G146DLA	MW-146	01/16/2001	PROFILE	210.00	210.00	115.90	115.90	OC21V	ACETONE	
G146DLD	MW-146	01/16/2001	PROFILE	210.00	210.00	115.90	115.90	OC21V	ACETONE	
G146DLD	MW-146	01/16/2001	PROFILE	210.00	210.00	115.90	115.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G146DNA	MW-146	01/17/2001	PROFILE	230.00	230.00	135.90	135.90	OC21V	ACETONE	
G146DNA	MW-146	01/17/2001	PROFILE	230.00	230.00	135.90	135.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G146DOA	MW-146	01/17/2001	PROFILE	240.00	240.00	145.90	145.90	OC21V	ACETONE	
G146DPA	MW-146	01/17/2001	PROFILE	250.00	250.00	155.90	155.90	OC21V	ACETONE	
G146DPA	MW-146	01/17/2001	PROFILE	250.00	250.00	155.90	155.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G146DQA	MW-146	01/17/2001	PROFILE	260.00	260.00	165.90	165.90	OC21V	ACETONE	
G146DQA	MW-146	01/17/2001	PROFILE	260.00	260.00	165.90	165.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G146DRA	MW-146	01/17/2001	PROFILE	270.00	270.00	175.90	175.90	OC21V	ACETONE	
G146DRA	MW-146	01/17/2001	PROFILE	270.00	270.00	175.90	175.90	OC21V	CHLOROFORM	
G146DRA	MW-146	01/17/2001	PROFILE	270.00	270.00	175.90	175.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G146DSA	MW-146	01/18/2001	PROFILE	280.00	280.00	185.90	185.90	OC21V	ACETONE	
G146DSA	MW-146	01/18/2001	PROFILE	280.00	280.00	185.90	185.90	OC21V	CHLOROFORM	

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(UNVALIDATED)
SAMPLES COLLECTED 12/10/00-1/31/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G146DSA	MW-146	01/18/2001	PROFILE	280.00	280.00	185.90	185.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G146DTA	MW-146	01/18/2001	PROFILE	290.00	290.00	195.90	195.90	OC21V	ACETONE	
G146DTA	MW-146	01/18/2001	PROFILE	290.00	290.00	195.90	195.90	OC21V	CHLOROFORM	
G146DTA	MW-146	01/18/2001	PROFILE	290.00	290.00	195.90	195.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G147DAA	MW-147	01/17/2001	PROFILE	90.00	90.00	13.40	13.40	8330N	1,3,5-TRINITROBENZENE	YES
G147DAA	MW-147	01/17/2001	PROFILE	90.00	90.00	13.40	13.40	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
G147DAA	MW-147	01/17/2001	PROFILE	90.00	90.00	13.40	13.40	8330N	4-NITROTOLUENE	NO
G147DAA	MW-147	01/17/2001	PROFILE	90.00	90.00	13.40	13.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G147DAA	MW-147	01/17/2001	PROFILE	90.00	90.00	13.40	13.40	OC21V	ACETONE	
G147DAA	MW-147	01/17/2001	PROFILE	90.00	90.00	13.40	13.40	OC21V	CHLOROFORM	
G147DAA	MW-147	01/17/2001	PROFILE	90.00	90.00	13.40	13.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G147DBA	MW-147	01/17/2001	PROFILE	100.00	100.00	23.40	23.40	8330N	PICRIC ACID	NO
G147DBA	MW-147	01/17/2001	PROFILE	100.00	100.00	23.40	23.40	OC21V	ACETONE	
G147DBA	MW-147	01/17/2001	PROFILE	100.00	100.00	23.40	23.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G147DCA	MW-147	01/17/2001	PROFILE	110.00	110.00	33.40	33.40	OC21V	ACETONE	
G147DCD	MW-147	01/17/2001	PROFILE	110.00	110.00	33.40	33.40	OC21V	ACETONE	
G147DDA	MW-147	01/17/2001	PROFILE	120.00	120.00	43.40	43.40	OC21V	ACETONE	
G147DEA	MW-147	01/17/2001	PROFILE	130.00	130.00	53.40	53.40	OC21V	ACETONE	
G147DFA	MW-147	01/17/2001	PROFILE	140.00	140.00	63.40	63.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G147DFA	MW-147	01/17/2001	PROFILE	140.00	140.00	63.40	63.40	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G147DFA	MW-147	01/17/2001	PROFILE	140.00	140.00	63.40	63.40	OC21V	ACETONE	
G147DFA	MW-147	01/17/2001	PROFILE	140.00	140.00	63.40	63.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G147DGA	MW-147	01/17/2001	PROFILE	150.00	150.00	73.40	73.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G147DHA	MW-147	01/17/2001	PROFILE	160.00	160.00	83.40	83.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G147DHA	MW-147	01/17/2001	PROFILE	160.00	160.00	83.40	83.40	8330N	NITROGLYCERIN	NO
G147DIA	MW-147	01/18/2001	PROFILE	170.00	170.00	93.40	93.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G147DJA	MW-147	01/18/2001	PROFILE	180.00	180.00	103.40	103.40	8330N	2,4-DINITROTOLUENE	NO
G147DJA	MW-147	01/18/2001	PROFILE	180.00	180.00	103.40	103.40	8330N	3-NITROTOLUENE	NO
G147DJA	MW-147	01/18/2001	PROFILE	180.00	180.00	103.40	103.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G147DJA	MW-147	01/18/2001	PROFILE	180.00	180.00	103.40	103.40	8330N	NITROGLYCERIN	NO
G147DJA	MW-147	01/18/2001	PROFILE	180.00	180.00	103.40	103.40	OC21V	ACETONE	
G147DKA	MW-147	01/18/2001	PROFILE	190.00	190.00	113.40	113.40	OC21V	CHLOROFORM	

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(UNVALIDATED)
SAMPLES COLLECTED 12/10/00-1/31/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G147DLA	MW-147	01/18/2001	PROFILE	200.00	200.00	123.40	123.40	OC21V	CHLOROFORM	
G147DLD	MW-147	01/18/2001	PROFILE	210.00	210.00	133.40	133.40	OC21V	ACETONE	
G147DLD	MW-147	01/18/2001	PROFILE	210.00	210.00	133.40	133.40	OC21V	CHLOROFORM	
G147DMA	MW-147	01/18/2001	PROFILE	220.00	220.00	143.40	143.40	OC21V	CHLOROFORM	
G147DOA	MW-147	01/18/2001	PROFILE	230.00	230.00	153.40	153.40	8330N	3-NITROTOLUENE	NO
G147DOA	MW-147	01/18/2001	PROFILE	230.00	230.00	153.40	153.40	8330N	4-NITROTOLUENE	NO
G147DOA	MW-147	01/18/2001	PROFILE	230.00	230.00	153.40	153.40	OC21V	ACETONE	
G147DOA	MW-147	01/18/2001	PROFILE	230.00	230.00	153.40	153.40	OC21V	CHLOROFORM	
G147DPA	MW-147	01/18/2001	PROFILE	240.00	240.00	163.40	163.40	OC21V	ACETONE	
G147DQA	MW-147	01/18/2001	PROFILE	250.00	250.00	173.40	173.40	8330N	3-NITROTOLUENE	NO
G147DQA	MW-147	01/18/2001	PROFILE	250.00	250.00	173.40	173.40	8330N	4-NITROTOLUENE	NO
G147DQA	MW-147	01/18/2001	PROFILE	250.00	250.00	173.40	173.40	8330N	PICRIC ACID	NO
G147DQA	MW-147	01/18/2001	PROFILE	250.00	250.00	173.40	173.40	OC21V	ACETONE	
G147DRA	MW-147	01/19/2001	PROFILE	260.00	260.00	183.40	183.40	OC21V	1,2-DICHLOROPROPANE	
G147DTA	MW-147	01/19/2001	PROFILE	276.00	276.00	199.40	199.40	8330N	3-NITROTOLUENE	NO
G147DTA	MW-147	01/19/2001	PROFILE	276.00	276.00	199.40	199.40	8330N	PICRIC ACID	NO
G147DTA	MW-147	01/19/2001	PROFILE	276.00	276.00	199.40	199.40	OC21V	ACETONE	
G147DTD	MW-147	01/19/2001	PROFILE	276.00	276.00	199.40	199.40	8330N	1,3,5-TRINITROBENZENE	NO
G147DTD	MW-147	01/19/2001	PROFILE	276.00	276.00	199.40	199.40	8330N	3-NITROTOLUENE	NO
G147DTD	MW-147	01/19/2001	PROFILE	276.00	276.00	199.40	199.40	OC21V	ACETONE	
G148DAA	MW-148	01/17/2001	PROFILE	70.00	70.00	7.00	7.00	OC21V	ACETONE	
G148DAA	MW-148	01/17/2001	PROFILE	70.00	70.00	7.00	7.00	OC21V	CHLOROFORM	
G148DAA	MW-148	01/17/2001	PROFILE	70.00	70.00	7.00	7.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G148DBA	MW-148	01/17/2001	PROFILE	80.00	80.00	17.00	17.00	OC21V	ACETONE	
G148DBA	MW-148	01/17/2001	PROFILE	80.00	80.00	17.00	17.00	OC21V	CHLOROFORM	
G148DBA	MW-148	01/17/2001	PROFILE	80.00	80.00	17.00	17.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G148DCA	MW-148	01/17/2001	PROFILE	90.00	90.00	27.00	27.00	OC21V	ACETONE	
G148DCA	MW-148	01/17/2001	PROFILE	90.00	90.00	27.00	27.00	OC21V	CHLOROFORM	
G148DCA	MW-148	01/17/2001	PROFILE	90.00	90.00	27.00	27.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G148DCD	MW-148	01/17/2001	PROFILE	90.00	90.00	27.00	27.00	OC21V	ACETONE	
G148DCD	MW-148	01/17/2001	PROFILE	90.00	90.00	27.00	27.00	OC21V	CHLOROFORM	
G148DCD	MW-148	01/17/2001	PROFILE	90.00	90.00	27.00	27.00	OC21V	METHYL ETHYL KETONE (2-BUTA	

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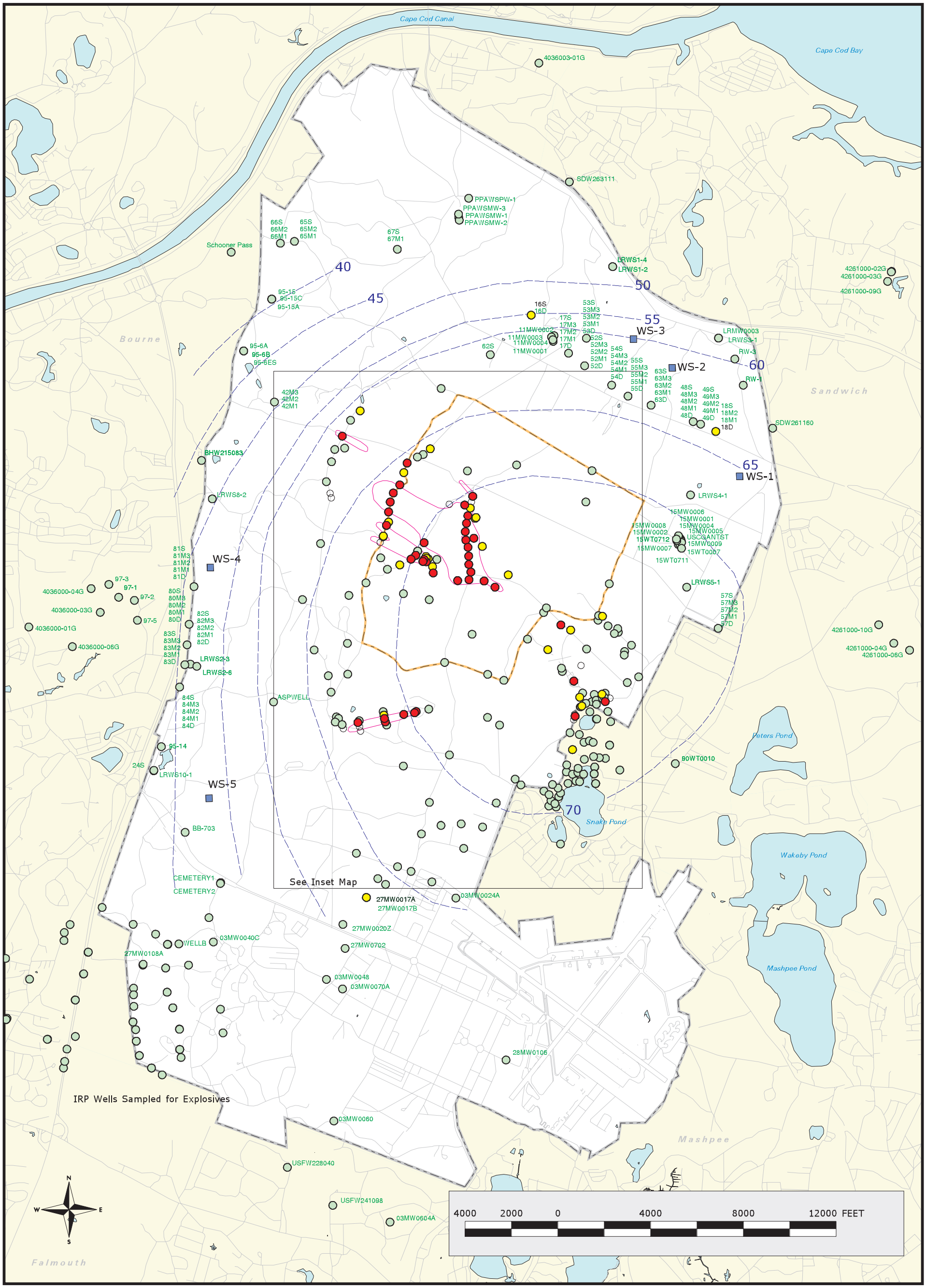
SAMPLES COLLECTED 12/10/00-1/31/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G148DDA	MW-148	01/17/2001	PROFILE	100.00	100.00	37.00	37.00	OC21V	ACETONE	
G148DDA	MW-148	01/17/2001	PROFILE	100.00	100.00	37.00	37.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G148DEA	MW-148	01/17/2001	PROFILE	110.00	110.00	47.00	47.00	OC21V	ACETONE	
G148DEA	MW-148	01/17/2001	PROFILE	110.00	110.00	47.00	47.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G148DFA	MW-148	01/17/2001	PROFILE	120.00	120.00	57.00	57.00	OC21V	ACETONE	
G148DFA	MW-148	01/17/2001	PROFILE	120.00	120.00	57.00	57.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G148DGA	MW-148	01/17/2001	PROFILE	130.00	130.00	67.00	67.00	OC21V	ACETONE	
G148DGA	MW-148	01/17/2001	PROFILE	130.00	130.00	67.00	67.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G148DHA	MW-148	01/17/2001	PROFILE	140.00	140.00	77.00	77.00	OC21V	CHLOROFORM	
G148DIA	MW-148	01/17/2001	PROFILE	150.00	150.00	87.00	87.00	OC21V	ACETONE	
G148DIA	MW-148	01/17/2001	PROFILE	150.00	150.00	87.00	87.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G148DJA	MW-148	01/18/2001	PROFILE	160.00	160.00	97.00	97.00	OC21V	ACETONE	
G148DJA	MW-148	01/18/2001	PROFILE	160.00	160.00	97.00	97.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G148DKA	MW-148	01/18/2001	PROFILE	170.00	170.00	107.00	107.00	OC21V	ACETONE	
G148DKA	MW-148	01/18/2001	PROFILE	170.00	170.00	107.00	107.00	OC21V	CHLOROFORM	
G148DLA	MW-148	01/18/2001	PROFILE	180.00	180.00	117.00	117.00	OC21V	ACETONE	
G148DLD	MW-148	01/18/2001	PROFILE	180.00	180.00	117.00	117.00	OC21V	ACETONE	
G148DMA	MW-148	01/18/2001	PROFILE	190.00	190.00	127.00	127.00	OC21V	ACETONE	
G148DPA	MW-148	01/18/2001	PROFILE	220.00	220.00	157.00	157.00	OC21V	ACETONE	
G148DPA	MW-148	01/18/2001	PROFILE	220.00	220.00	157.00	157.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G148DQA	MW-148	01/18/2001	PROFILE	230.00	230.00	167.00	167.00	OC21V	ACETONE	
G148DRA	MW-148	01/18/2001	PROFILE	240.00	240.00	177.00	177.00	OC21V	ACETONE	
G149DEA	MW-149	01/30/2001	PROFILE	160.00	160.00	52.50	52.50	8330N	2,4-DINITROTOLUENE	NO
G149DEA	MW-149	01/30/2001	PROFILE	160.00	160.00	52.50	52.50	8330N	NITROGLYCERIN	NO
G149DMA	MW-149	01/31/2001	PROFILE	240.00	240.00	132.50	132.50	8330N	1,3-DINITROBENZENE	NO
G149DMA	MW-149	01/31/2001	PROFILE	240.00	240.00	132.50	132.50	8330N	NITROGLYCERIN	NO
G149DMD	MW-149	01/31/2001	PROFILE	240.00	240.00	132.50	132.50	8330N	1,3-DINITROBENZENE	NO
G149DMD	MW-149	01/31/2001	PROFILE	240.00	240.00	132.50	132.50	8330N	NITROGLYCERIN	NO

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



LEGEND

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

Sources & Notes

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

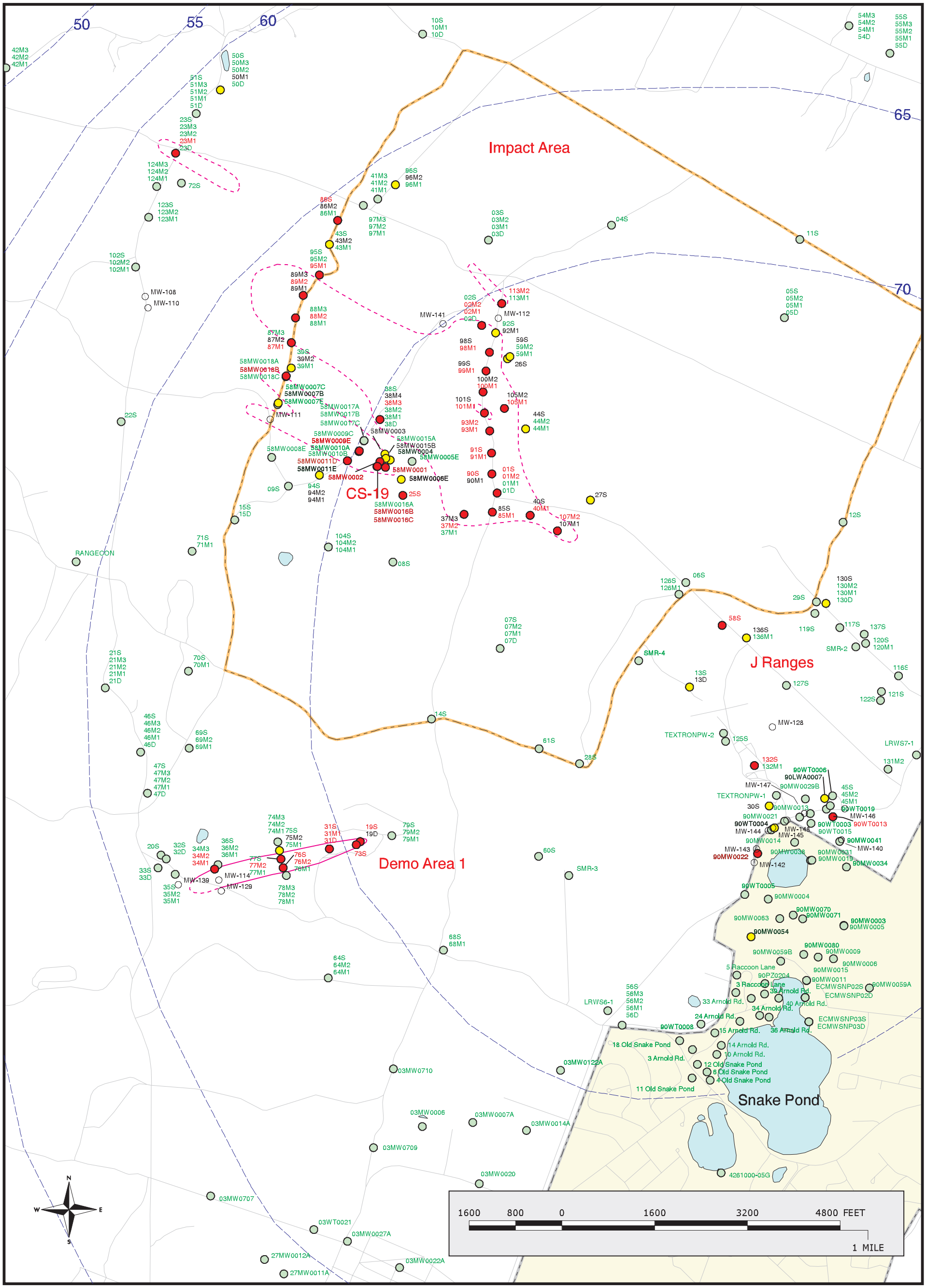
amec February 06, 2001 DRAFT

Figure 1

Explosives in Groundwater Compared to MCL/HAs Validated Data as of 02/03/01

Analyte Group
1

g:\mmr\ai\amls\work\monthly\february2001\exp



LEGEND

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

Sources & Notes

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

amec February 06, 2001 DRAFT

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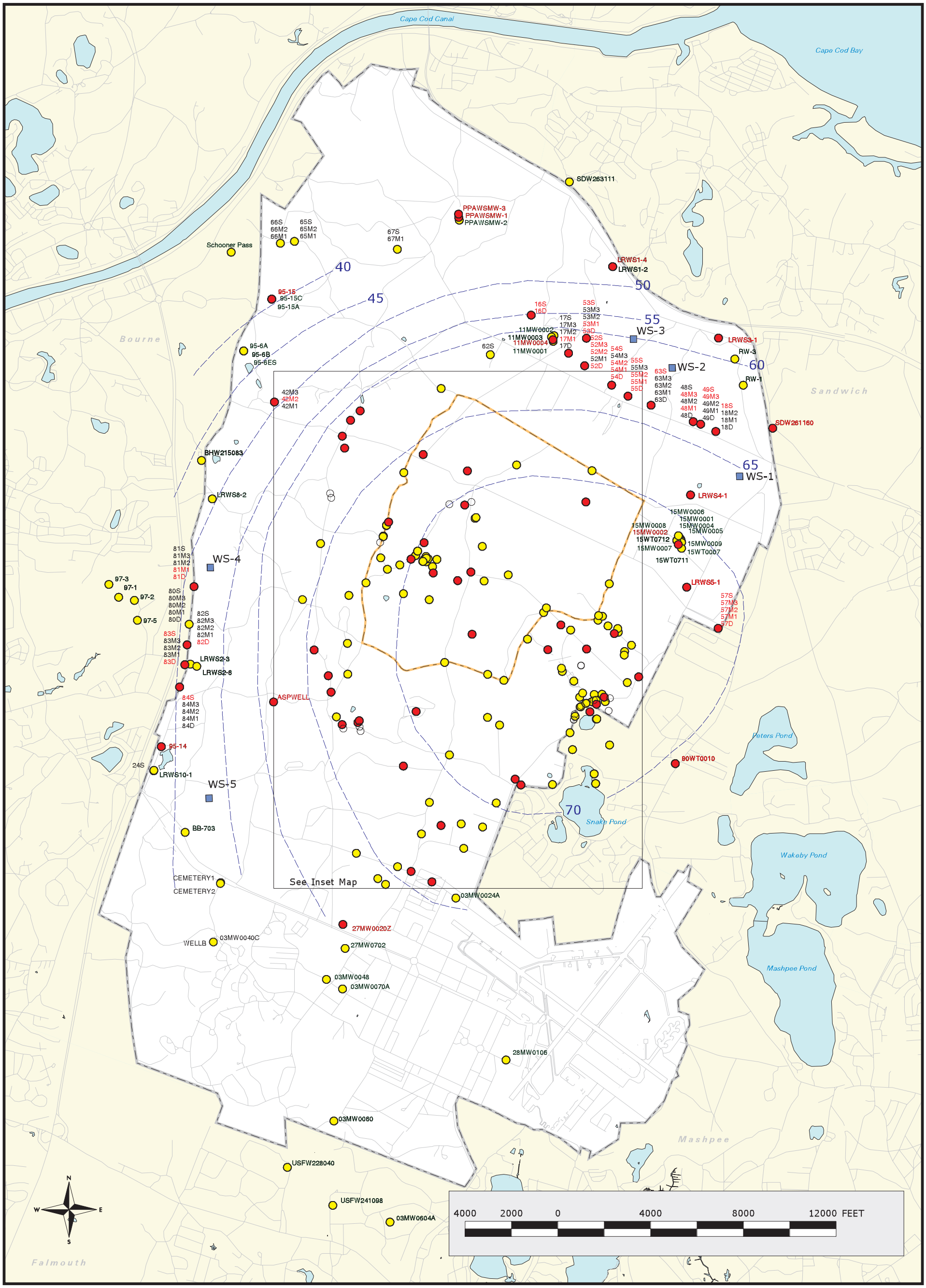
Figure 1 - INSET MAP

Explosives in Groundwater Compared to MCL/HAs Validated Data as of 02/03/01

Analyte Group
1



LEGEND

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

Sources & Notes

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

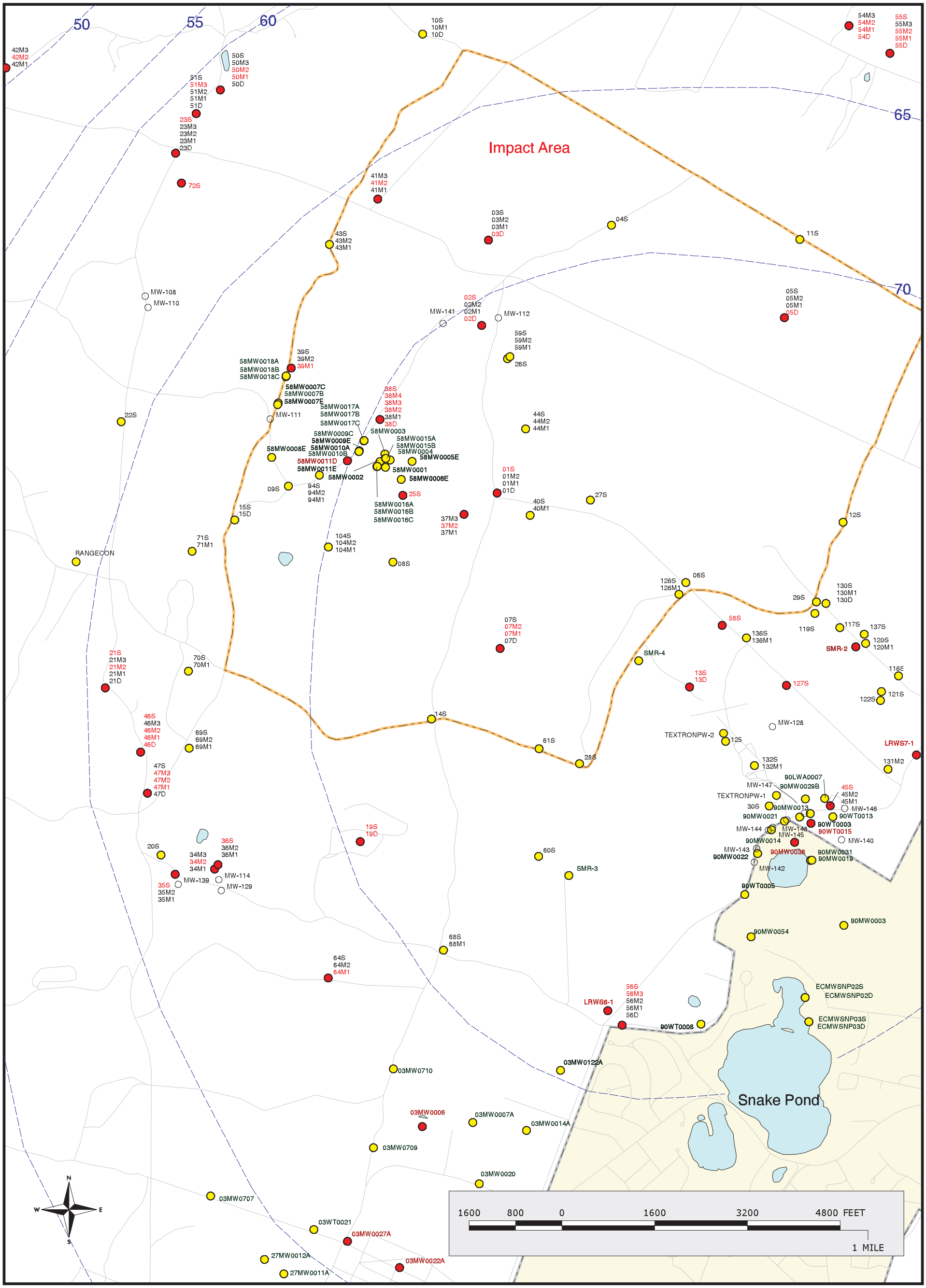
amec February 06, 2001 DRAFT

Figure 2

Metals in Groundwater Compared to MCL/HAs Validated Data as of 02/03/01

Analyte Group
2

g:\mmr\ai\amls\work\monthly\february2001\metals



LEGEND

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

Sources & Notes

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

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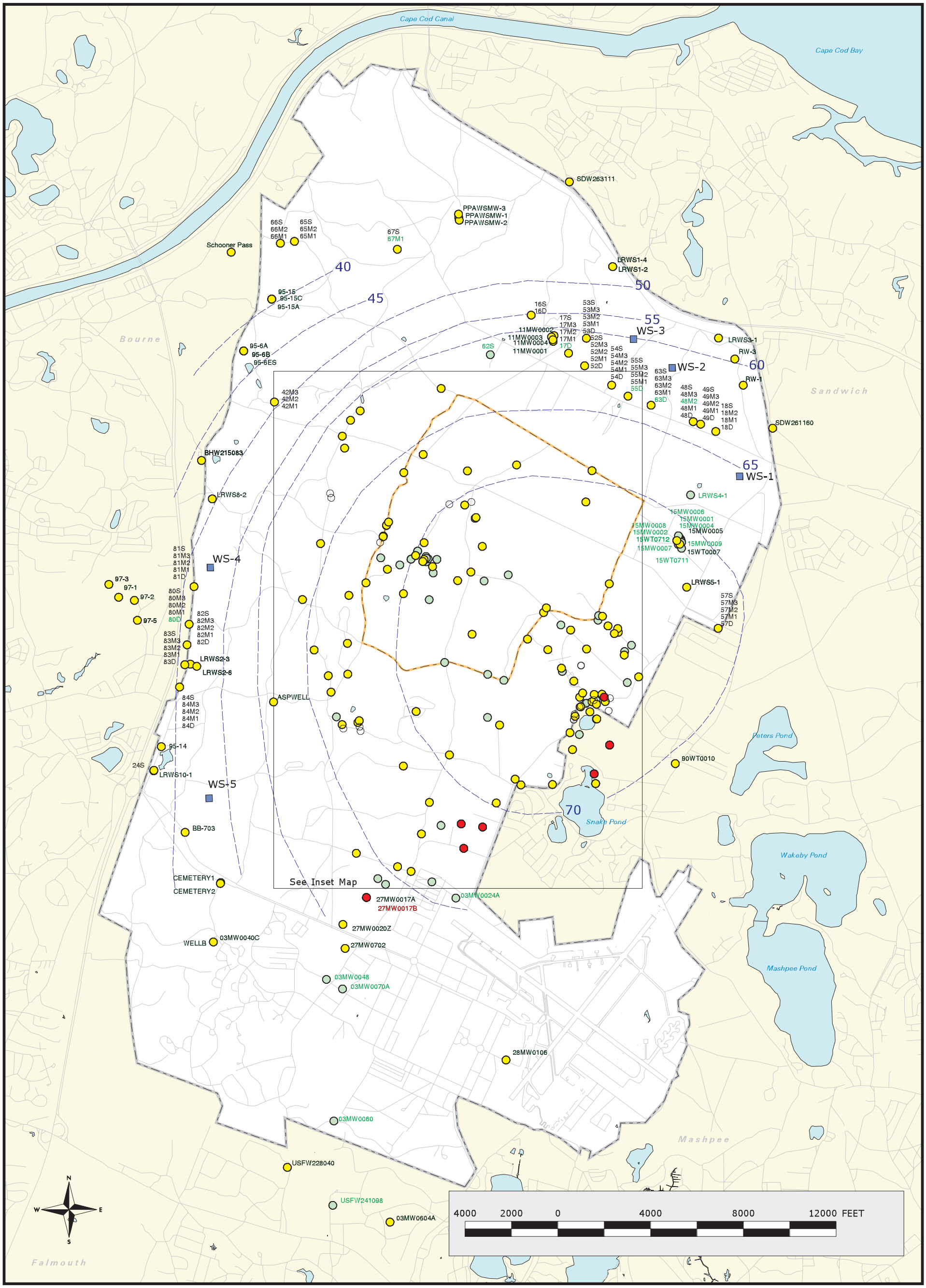
Figure 2 - INSET MAP

Metals in Groundwater Compared to MCL/HAs Validated Data as of 02/03/01

Analyte Group
2

g:\mmr\ai\amls\work\monthly\february2001\metals



LEGEND

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

Sources & Notes

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

Figure 3

VOCs in Groundwater Compared to MCL/HAs Validated Data as of 02/03/01

Analyte Group
3

amec February 06, 2001 DRAFT

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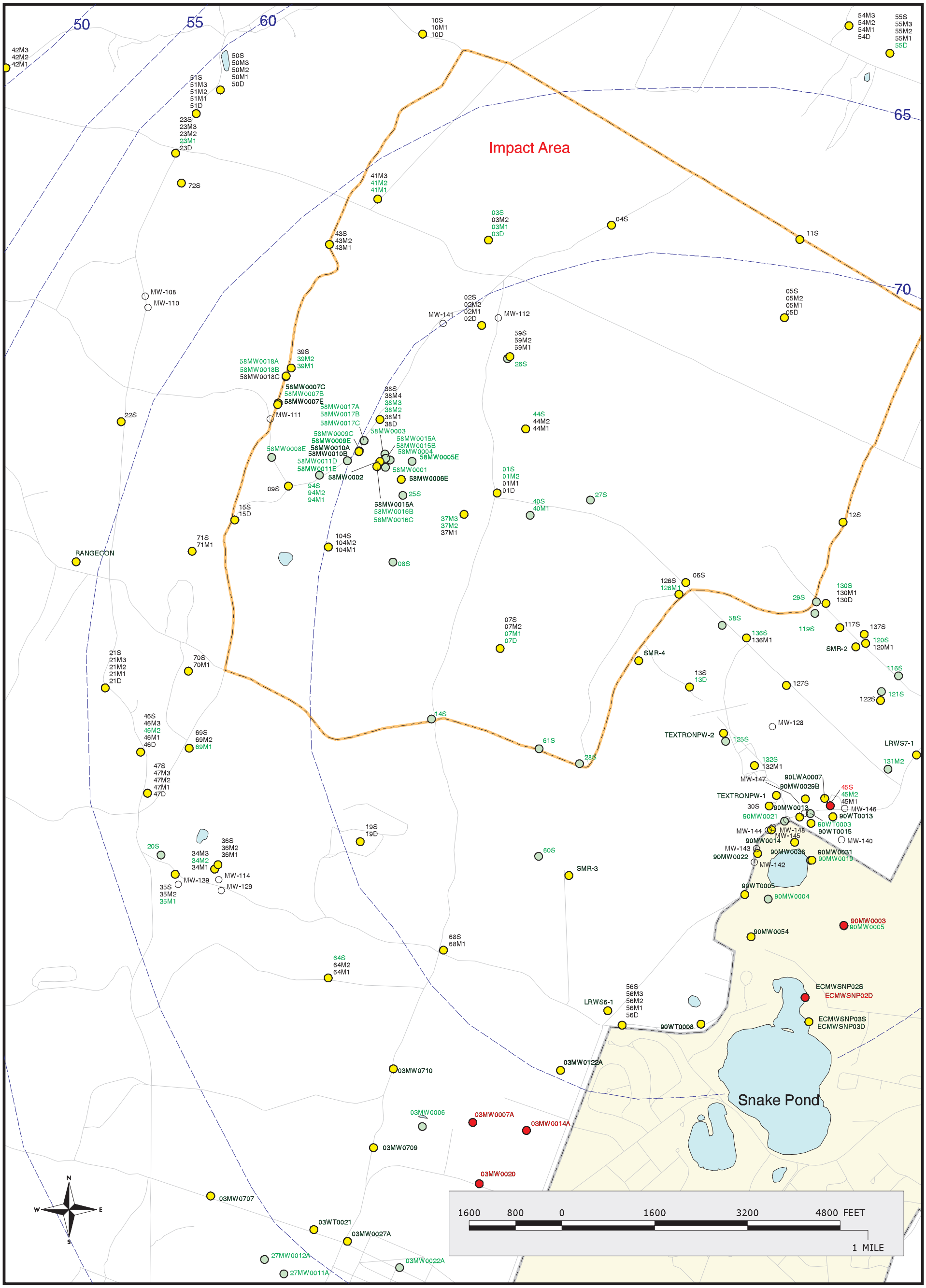


LEGEND

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

Sources & Notes

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

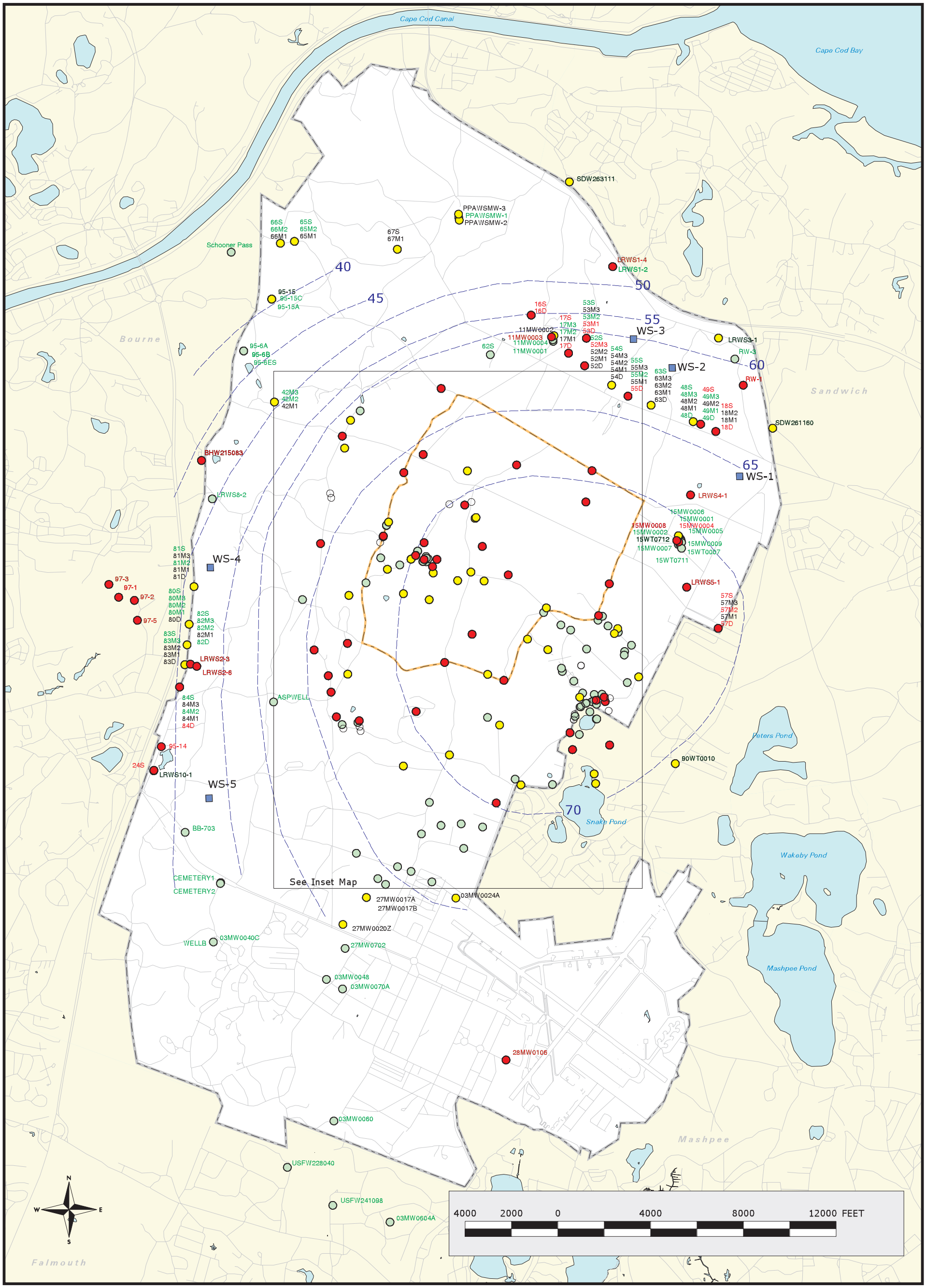
amec February 06, 2001 DRAFT

Figure 3 - INSET MAP

VOCs in Groundwater Compared to MCL/HAs Validated Data as of 02/03/01

Analyte Group
3

g:\mmr\ai\amls\work\monthly\february2001\voc



LEGEND

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

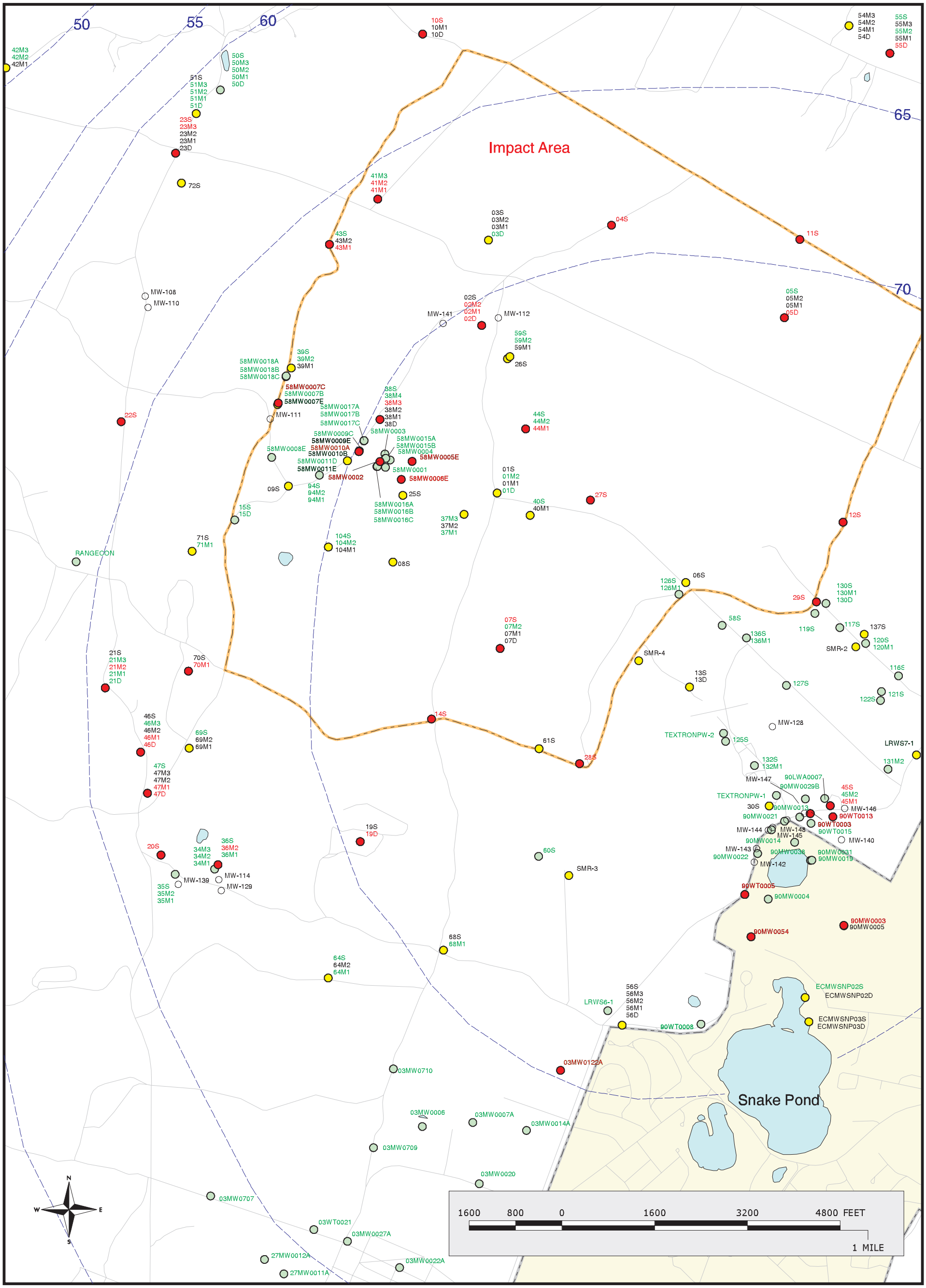
Sources & Notes

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

Figure 4

SVOCs in Groundwater Compared to MCL/HAs Validated Data as of 02/03/01

Analyte Group
4



LEGEND

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

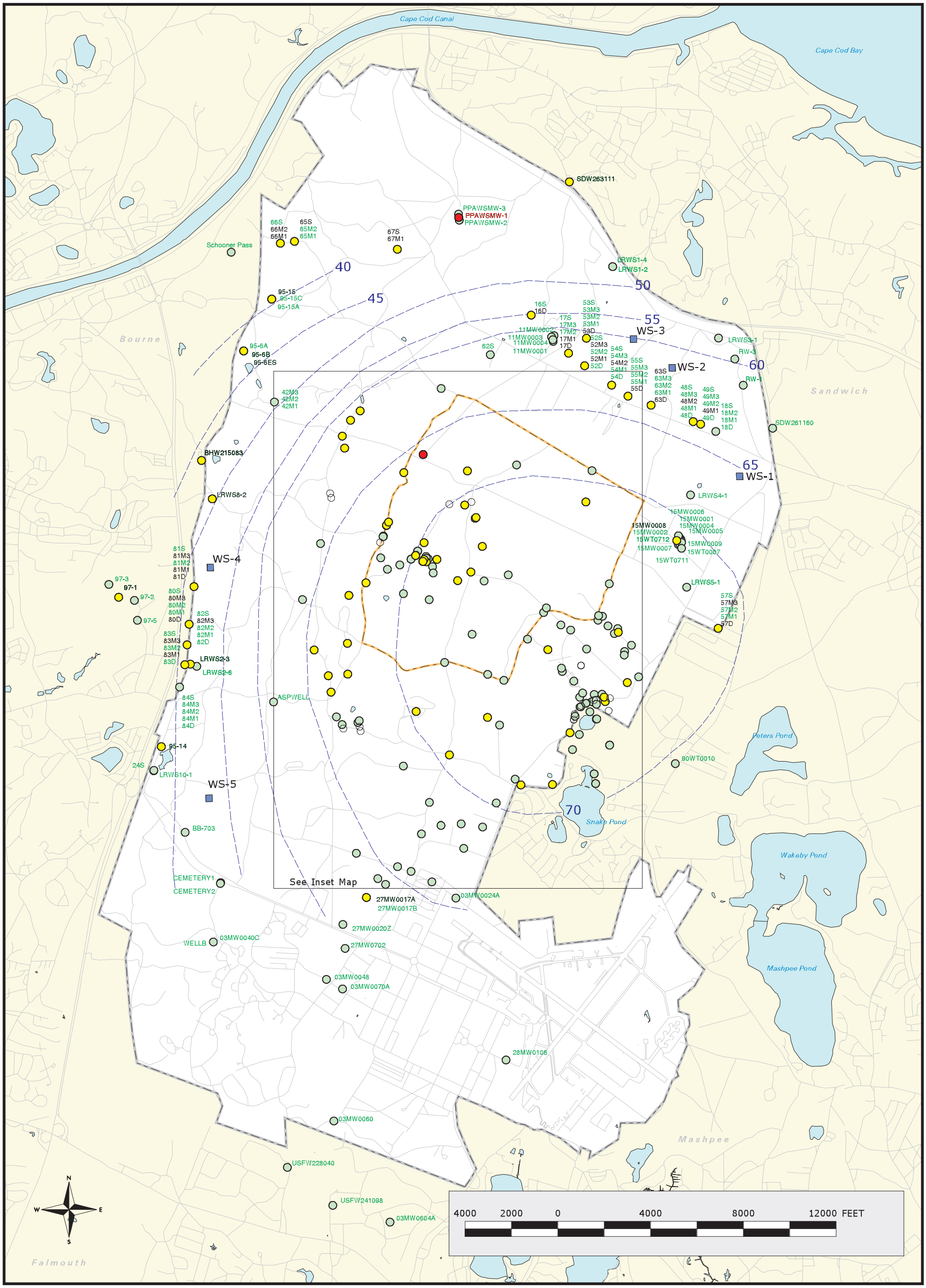
Sources & Notes

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

Figure 4 - INSET MAP

SVOCs in Groundwater Compared to MCL/HAs Validated Data as of 02/03/01

Analyte Group
4



LEGEND

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

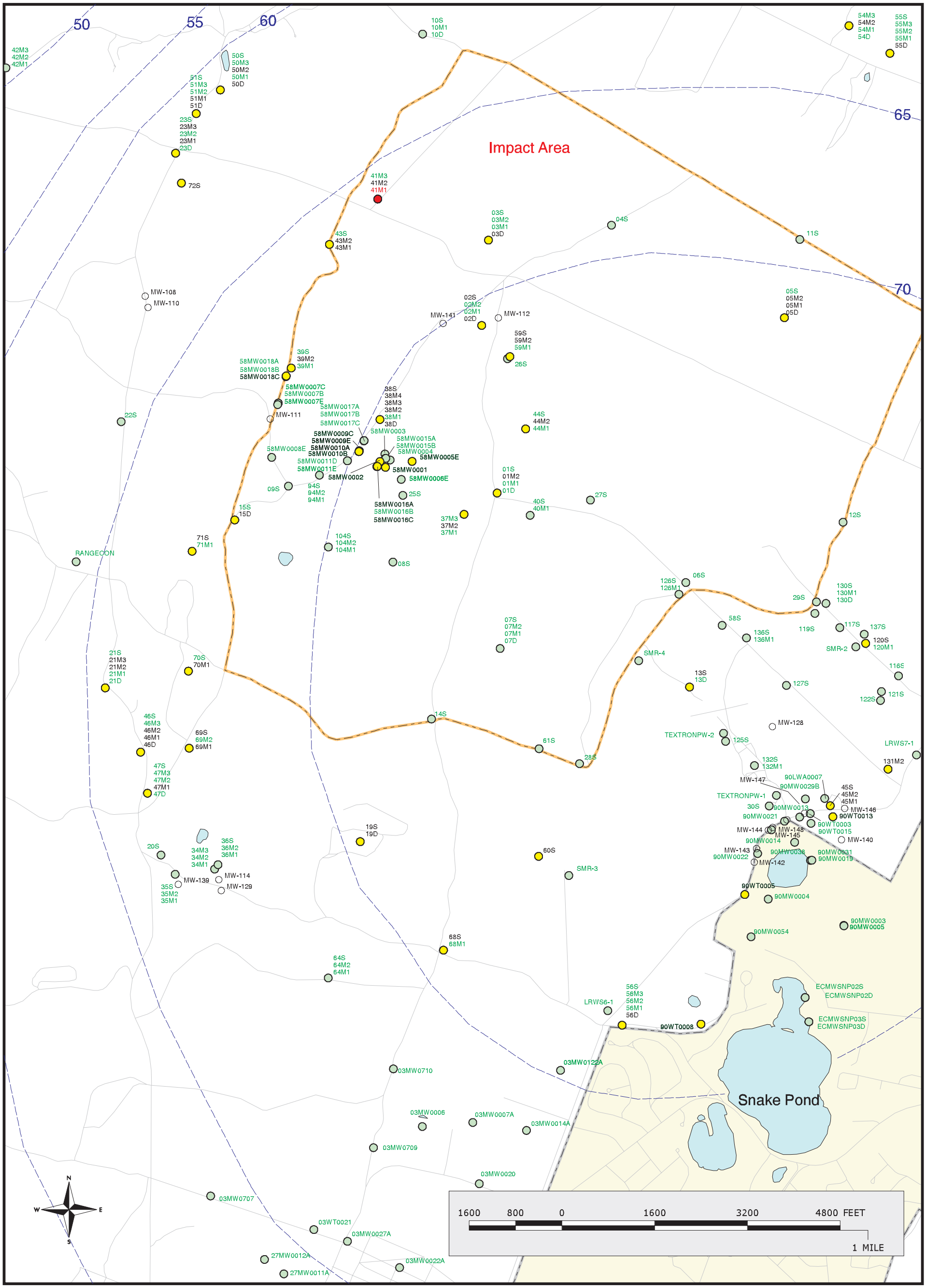
Sources & Notes

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

Figure 5

Herbicides and Pesticides in Groundwater Compared to MCL/HAs Validated Data as of 02/03/01

Analyte Group
5



LEGEND

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

Sources & Notes

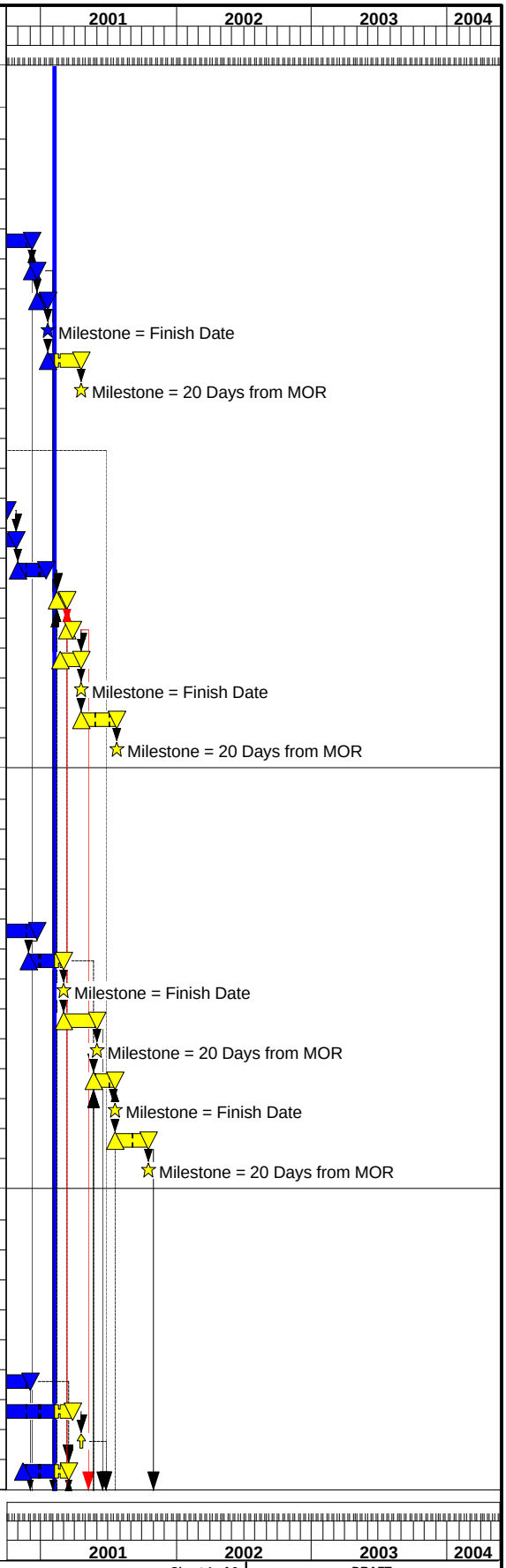
Base from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPZone 2001, Units: Meters

Figure 5 - INSET MAP

Herbicides and Pesticides in Groundwater Compared to MCL/HAs Validated Data as of 02/03/01

Analyte Group
5

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Site Characterization (AO1)					
Demo Area 1					
00110	Demo 1 Soil/GW Investigation		0	14OCT99A	23MAR00A
00120	Demo 1 Soil/GW Report Preparation		0	09MAR00A	08JUN00A
00130	Demo 1 Draft Soil/GW Report	YES	0		08JUN00A
00144	Demo 1 Establish GW COCs		0	22AUG00A	05DEC00A
00146	Demo 1 Rvw/Apprv GW COCs		0	06DEC00A	19DEC00A
00148	Demo 1 Prepare Draft GW Report		0	20DEC00A	18JAN01A
00150	Demo 1 Draft GW Report	YES	0		18JAN01A
00152	Demo 1 Revise Draft GW Report		53	19JAN01A	20APR01
00154	Demo 1 Final GW Report	YES	0		20APR01
00160	Demo 1 Geophysics Investigation		0	05JAN00A	15JUN00A
00170	Demo 1 Geophysics Presentation		0		15JUN00A
00175	Start Soil Investigation		0	27JUN00A	
00182	Geophysics Validation		0	24AUG00A	02OCT00A
00180	Soil Investigation		0	27JUN00A	27OCT00A
00181	Soil Analyses & Validation		0	30OCT00A	12JAN01A
00141	Demo 1 Establish Soil COCs		20	12FEB01	12MAR01
00142	Demo 1 Rvw/Apprv Soil COCs		10	13MAR01	26MAR01
00156	Demo 1 Prepare Draft Soil Report		40	23FEB01	19APR01
00157	Demo 1 Draft Soil Report	YES	0		19APR01
00158	Demo 1 Revise Draft Soil Report		65	20APR01	23JUL01
00159	Demo 1 Final Soil Report	YES	0		23JUL01
Central Impact Area					
00210	Impact Area Planning		0	23AUG99A	24JAN00A
00220	Impact Area Start Data Collection	YES	0	05JAN00A	
00230	Impact Area Investigation		0	05JAN00A	27JUL00A
00272	Response Plan Preparation		0	03MAY00A	31AUG00A
00274	Response Plan Investigation		0	14JUN00A	20DEC00A
00276	Response Plan Report Prep.		16	27NOV00A	28FEB01
00278	Response Plan Draft Report (GW)	YES	0		28FEB01
00280	Response Plan Revise Draft Report		65	01MAR01	31MAY01
00282	Response Plan Final Report (GW)	YES	0		31MAY01
00286	Prepare Draft Soil Report		40	21MAY01	17JUL01
00288	Submit Draft Soil Report	YES	0		17JUL01
00290	Revise Draft Soil Report		65	18JUL01	17OCT01
00292	Final Soil Report	YES	0		17OCT01
J-2 Range					
00310	J-2 Range Planning		0	08FEB00A	07APR00A
00320	J-2 Range Draft Workplan	YES	0		07APR00A
00330	J-2 Range Rev. Draft Workplan		0	10APR00A	01AUG00A
00340	J-2 Range Final Workplan		0		01AUG00A
00350	J-2 Range Start Data Collection	YES	0	05JUL00A	
00360	J-2 Range Investigation		0	05JUL00A	01DEC00A
00365	J-2 Range Geophysics Survey		36	15MAY00A	28MAR01
00367	J-2 Range Geophysics Prsntatn.		0		18APR01
00370	J-2 Range Report Preparation		28	16NOV00A	16MAR01



Project Start 29FEB00
Project Finish 05AUG05
Data Date 06FEB01
Run Date 07FEB01

Early Bar
Progress Bar

UBER

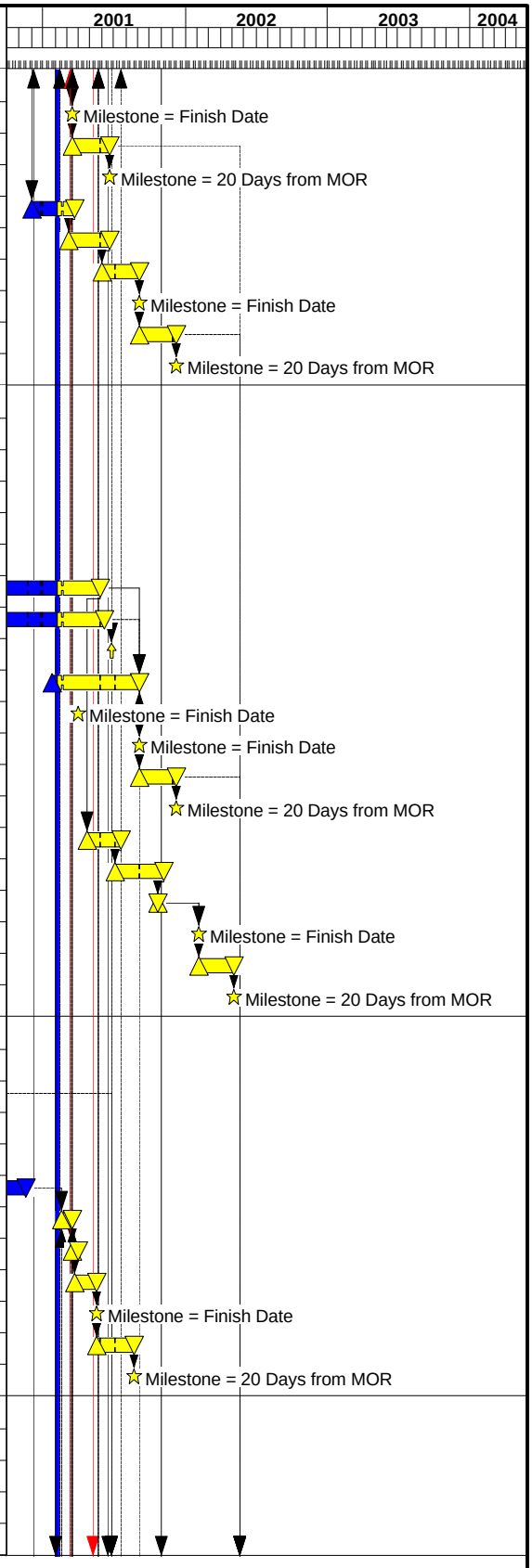
Sheet 1 of 9

Figure 6. Combined Schedule for MMR Impact Area Groundwater Study Program as of 2/6/01

DRAFT

Date	Revision	Checked	Approved

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
J-2 Range					
00380	J-2 Range Draft Report	YES	0		16MAR01
00390	J-2 Range Revise Draft Report		65	19MAR01	18JUN01
00391	J-2 Range Final Report	YES	0		18JUN01
00392	Additional Delineation Planning		32	04DEC00A	22MAR01
00393	Additional Delineation Investigation		72	08MAR01	18JUN01
00394	Additional Delineation Report Prep.		65	04JUN01	04SEP01
00395	Additional Delineation Draft Report	YES	0		04SEP01
00396	Additional Delineation Rev. Draft Report		65	05SEP01	06DEC01
00397	Additional Delineation Final Report	YES	0		06DEC01
J-1/J-3 Range					
00410	J-1/J-3 Range Planning		0	06DEC99A	21APR00A
00420	J-1/J-3 Range Draft Workplan	YES	0		21APR00A
00430	J-1/J-3 Range Rev. Draft Workplan		0	24APR00A	25AUG00A
00440	J-1/J-3 Range Final Workplan		0		25AUG00A
00450	J-1/J-3 Range Start Data Cllctn	YES	0	26JUL00A	
00460	J-1/J-3 Range Investigation		78	26JUL00A	25MAY01
00465	J-1/J-3 Range Geophys. Investigation		85	15MAY00A	06JUN01
00467	J-1/J-3 Range Geophys. Presentation		0		27JUN01
00470	J-1/J-3 Range Report Preparation		148	22JAN01A	05SEP01
00475	J-1/J-3/L Range Interim Results Report	YES	0		30MAR01
00480	J-1/J-3 Range Draft Report	YES	0		05SEP01
00490	J-1/J-3 Range Rev. Draft Report		65	06SEP01	07DEC01
00491	J-1/J-3 Range Final Report	YES	0		07DEC01
00492	Additional Delineation Planning		60	26APR01	20JUL01
00493	Additional Delineation Investigation		88	06JUL01	07NOV01
00494	Additional Delineation Report Prep.		70	24OCT01	04FEB02
00495	Additional Delineation Draft Report	YES	0		04FEB02
00496	Additional Delineation Rev. Draft Report		65	05FEB02	06MAY02
00497	Additional Delineation Final Report	YES	0		06MAY02
Gun/Mortar Positions					
00510	Gun/Mortar Investigation		0	30AUG99A	17APR00A
00515	Gun/Mortar Geophys. Presentation		0		23MAR00A
00520	Gun/Mortar Report Preparation		0	24MAR00A	07JUL00A
00530	Gun/Mortar Draft Report	YES	0		07JUL00A
00540	Gun/Mortar Report MOR		0	10JUL00A	16NOV00A
00542	Gun/Mortar Establish COCs		20	16FEB01	16MAR01
00544	Gun/Mortar Rev/Apprv COCs		10	19MAR01	30MAR01
00546	Gun/Mortar Prepare Draft Final Report		40	23MAR01	17MAY01
00548	Gun/Mortar Draft Final Report	YES	0		17MAY01
00549	Gun/Mortar Rev. Draft Final		65	18MAY01	20AUG01
00550	Gun/Mortar Final Report	YES	0		20AUG01
Trenches, Bunkers, Ground Scars					
00610	Trenches Draft Workplan		0	04OCT99A	
00620	Trenches Rev. Draft Workplan		0	05OCT99A	06DEC99A
00630	Trenches Final Workplan		0		06DEC99A
00640	Trenches Start Data Collection	YES	0	06DEC99A	



Project Start 29FEB00
Project Finish 05AUG05
Data Date 06FEB01
Run Date 07FEB01

Early Bar
Progress Bar

UBER

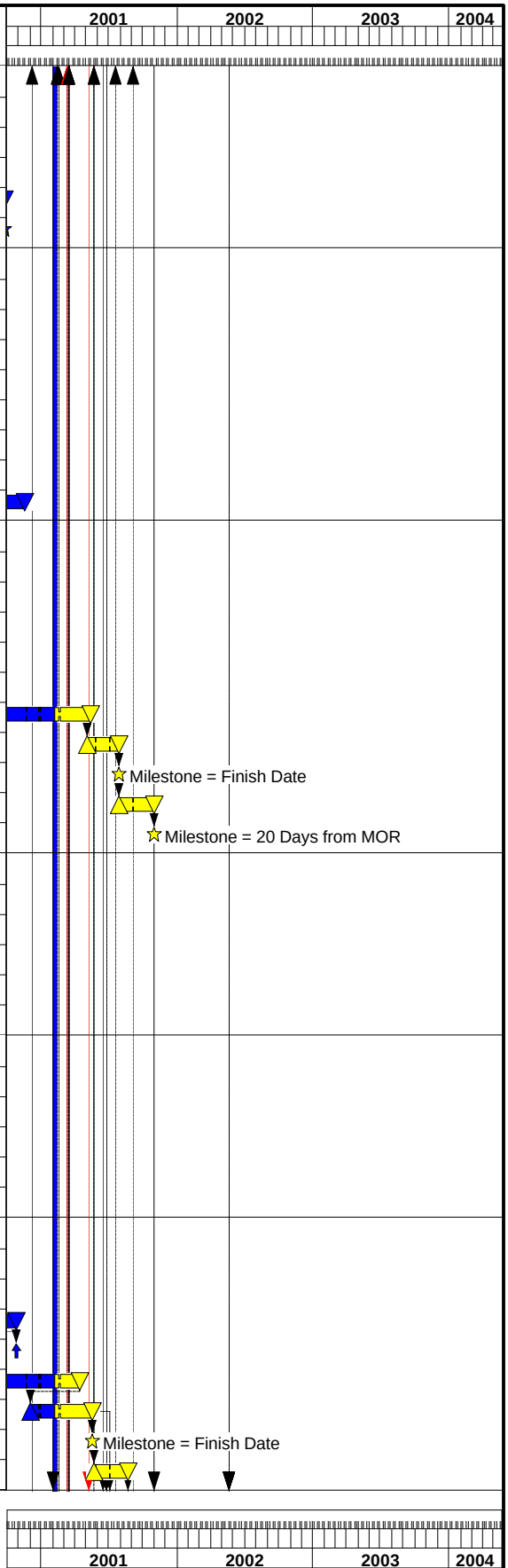
Sheet 2 of 9

DRAFT

Date	Revision	Checked	Approved

Figure 6. Combined Schedule for MMR Impact Area Groundwater Study Program as of 2/6/01

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Trenches, Bunkers, Ground Scars					
00650	Trenches Investigation		0	06DEC99A	13MAR00A
00660	Trenches Report Preparation		0	28FEB00A	23MAY00A
00670	Trenches Draft Report	YES	0		23MAY00A
00680	Trenches Revise Draft Report		0	24MAY00A	18SEP00A
00690	Trenches Final Report	YES	0		18SEP00A
Mortar Targets					
00710	Mortar Targets Draft Workplan		0	04OCT99A	
00720	Mortar Targets Revise Draft Workplan		0	05OCT99A	03DEC99A
00730	Mortar Targets Final Workplan		0		03DEC99A
00740	Mortar Targets Start Data Cllctn	YES	0	06DEC99A	
00750	Mortar Targets Investigation		0	06DEC99A	23JUN00A
00760	Mortar Targets Report Preparation		0	18MAY00A	02AUG00A
00770	Mortar Targets Draft Report	YES	0		02AUG00A
00780	Mortar Targets Report MOR		0	03AUG00A	16NOV00A
Training Areas					
00810	Training Areas Planning		0	01APR99A	22JUL99A
00820	Training Areas Draft Workplan		0		22JUL99A
00830	Training Areas Rev. Draft Workplan		0	23JUL99A	23MAR00A
00840	Training Areas Final Workplan	YES	0		23MAR00A
00850	Training Areas Start Data Cllctn	YES	0	20MAR00A	
00860	Training Areas Investigation		70	20MAR00A	15MAY01
00870	Training Areas Report Preparation		62	02MAY01	30JUL01
00880	Training Areas Draft Report	YES	0		30JUL01
00890	Training Areas Rev. Draft Report		65	31JUL01	30OCT01
00895	Training Areas Final Report	YES	0		30OCT01
KD/U Ranges					
00910	KD/U Investigation		0	10MAY99A	18OCT99A
00920	KD/U Report Preparation		0	27SEP99A	03NOV99A
00930	KD/U Draft Report		0		03NOV99A
00940	KD/U Revise Draft Report		0	04NOV99A	16JUN00A
00950	KD/U Final Report		0		16JUN00A
J-3 Wetland					
01010	J-3 Wetland Investigation		0	15APR99A	18MAY99A
01020	J-3 Wetland Report Preparation		0	13MAY99A	04NOV99A
01030	J-3 Wetland Draft Report		0		04NOV99A
01040	J-3 Wetland Revise Draft Report		0	05NOV99A	20JUL00A
01050	J-3 Wetland Final Report		0		20JUL00A
High Use Target Area 1					
01110	HUTA Planning		0	10JAN00A	24APR00A
01120	HUTA Draft Workplan		0		24APR00A
01130	HUTA Revise Draft Workplan		0	24APR00A	27OCT00A
01140	HUTA Final Workplan		0		27OCT00A
01160	HUTA Investigation		48	17JUL00A	13APR01
01170	HUTA Report Preparation		73	04DEC00A	18MAY01
01180	HUTA Draft Report	YES	0		18MAY01
01190	HUTA Revise Draft Report		65	21MAY01	21AUG01



Project Start 29FEB00
Project Finish 05AUG05
Data Date 06FEB01
Run Date 07FEB01

Early Bar
Progress Bar

UBER

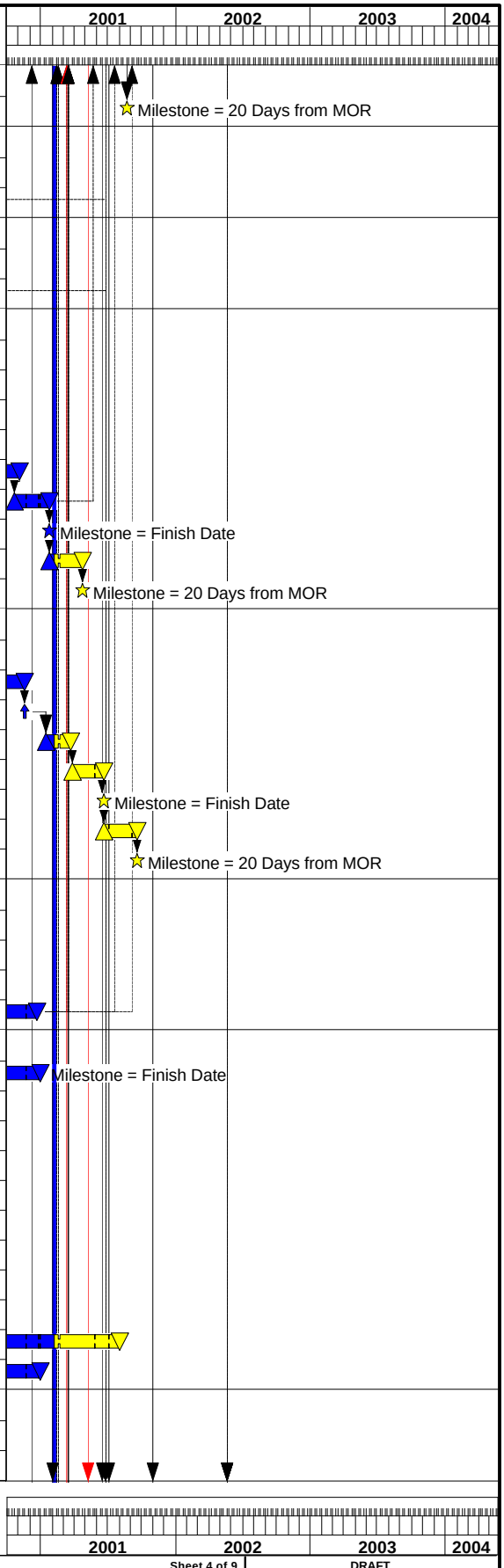
Sheet 3 of 9

DRAFT

Date	Revision	Checked	Approved

Figure 6. Combined Schedule for MMR Impact Area Groundwater Study Program as of 2/6/01

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
High Use Target Area 1					
01195	HUTA Final Report	YES	0		21AUG01
Water Bodies					
01210	Water Body Geophys. Investig.		0	19NOV99A	16JUN00A
01220	Water Body Geophys. Present.		0		13JUL00A
Slit Trench					
01310	Slit Trench Geophys. Investig.		0	01MAY00A	16JUN00A
01320	Slit Trench Geophys. Present.		0		27JUL00A
Impact Area Targets					
01410	Targets Draft Workplan		0	24APR00A	31MAY00A
01420	Targets Revise Draft Workplan		0	01JUN00A	08AUG00A
01430	Targets Final Workplan		0		08AUG00A
01440	Targets Start Data Cllctn	YES	0	01AUG00A	
01450	Targets Investigation (Phase 1)		0	01AUG00A	01NOV00A
01460	Targets Report Preparation		0	23OCT00A	22JAN01A
01470	Targets Draft Report (Phase 1)	YES	0		22JAN01A
01480	Targets Rev. Draft Report		55	23JAN01A	24APR01
01490	Targets Final Report (Phase 1)	YES	0		24APR01
Phase II(b)					
01500	Phase II(b) Draft Workplans		0	01JUN00A	31AUG00A
01510	Revise Draft Workplans		0	01SEP00A	16NOV00A
01520	Phase II(b) Final Workplans		0		17NOV00A
01530	Phase II(b) Investigations		33	15JAN01A	23MAR01
01540	Phase II(b) Report Preparation		60	26MAR01	18JUN01
01550	Phase II(b) Draft Report	YES	0		18JUN01
01560	Revise Draft Report		65	19JUN01	19SEP01
01570	Phase II(b) Final Report	YES	0		19SEP01
Fate and Transport Modeling					
07100	Modeling Planning		0	01JAN99A	22JUL99A
07110	Draft Modeling Proposal		0		22JUL99A
07120	Revise Modeling Proposal		0	23JUL99A	16MAY00A
07130	Develop Model Parameters		0	17MAY00A	19DEC00A
Groundwater Monitoring Programs					
08100	Water Supply (Qrtrly & Annual)	YES	0	12JUL99A	29DEC00A
08110	Phase I Wells	YES	0	01SEP97A	30NOV99A
08120	Far Field Group 1 Wells	YES	0	17FEB99A	22NOV99A
08130	Supplemental IRP Wells	YES	0	08APR99A	04FEB00A
08140	Phase II (a) Wells	YES	0	30MAR99A	11MAY00A
08150	Far Field Group 2 Wells	YES	0	21SEP99A	14APR00A
08160	Far Field New Group 2 Wells		0	21OCT99A	07JUL00A
08170	Gun/Mortar Position Wells	YES	0	01NOV99A	04MAY00A
08180	Demo 1 1999 Response Wells		0	20JAN00A	03AUG00A
08190	Impact Area 2000 Response Wells		123	28APR00A	31JUL01
08200	CY 2000 Interim LT Monitoring		0	02MAY00A	29DEC00A
Analytical Methods					
08510	Draft PEP Report Preparation		0	05NOV98A	30NOV98A
08520	Draft PEP Report	YES	0		30NOV98A



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Analytical Methods					
08530	Revise Draft PEP Report		0	01DEC98A	26JUN00A
08540	Final PEP Report		0		26JUN00A
08560	Scoping Dioxin Method		0	01DEC99A	27JAN00A
08570	Scoping Perchlorate Method		0	06OCT99A	24FEB00A
Reports					
09160	Phase II Interim Results Preparation		0	01SEP99A	01NOV99A
09170	Phase II Interim Results Report		0		01NOV99A
09180	Background GW Report Prep		0	01NOV99A	10DEC99A
09190	Draft Background GW Report		0		10DEC99A
09200	Draft ILTGM Plan Preparation		0	06JAN00A	01MAR00A
09210	Draft ILTGM Plan		0		02MAR00A
09220	Revise Draft ILTGM Plan		0	02MAR00A	18AUG00A
09230	Final ILTGM Plan		0		18AUG00A
09290	Draft Geophysics Report	YES	0	30OCT00A	
09300	Revise Draft Geophysics Report		102	30OCT00A	29JUN01
09310	Final Geophysics Report	YES	0		29JUN01
09330	Submit Draft Revised ASR	YES	0		31JUL01
Rapid Response Actions (AO3)					
Group 1 (KD, J-3, GP-16, APC)					
10110	RRA Workplan Preparation		0	31JAN00A	01MAR00A
10120	Draft RRA Workplan	YES	0		01MAR00A
10130	Revise Draft RRA Workplan		0	02MAR00A	07AUG00A
10140	Final RRA Workplan		0		07AUG00A
10150	Pre-RRA Implementation		0	14FEB00A	22SEP00A
10155	RRA Source Control		0	17JUL00A	29SEP00A
10160	RRA Source Control Complete	YES	0		29SEP00A
10170	RRA Site Restoration		0	02OCT00A	26OCT00A
10180	RRA Site Restoration Complete	YES	0		26OCT00A
10190	RRA Innovative Treatment		15	17JUL00A	27FEB01
10195	RRA Completion of Work Report		45	28FEB01	01MAY01
Feasibility Studies (AO3)					
FS Workplan					
20110	FS Workplan Preparation		0	14FEB00A	06APR00A
20120	FS Draft Workplan	YES	0		06APR00A
20123	Develop COPC/COC Process		0	10AUG00A	17NOV00A
20124	EPA provide MMR SSLs/PRGs		0		21NOV00A
20125	Develop Soil Background		8	22AUG00A	15FEB01
20130	FS Revise Draft Workplan		0	10APR00A	19DEC00A
20140	FS Final Workplan	YES	0		19DEC00A
Demo Area 1					
Soil Operable Unit					
21170	FS Screening Report Preparation		40	13MAR01	07MAY01
21180	Draft FS Screening Report	YES	0		07MAY01
21190	Revise Draft FS Screening Report		65	08MAY01	08AUG01
21200	Final FS Screening Report	YES	0		08AUG01

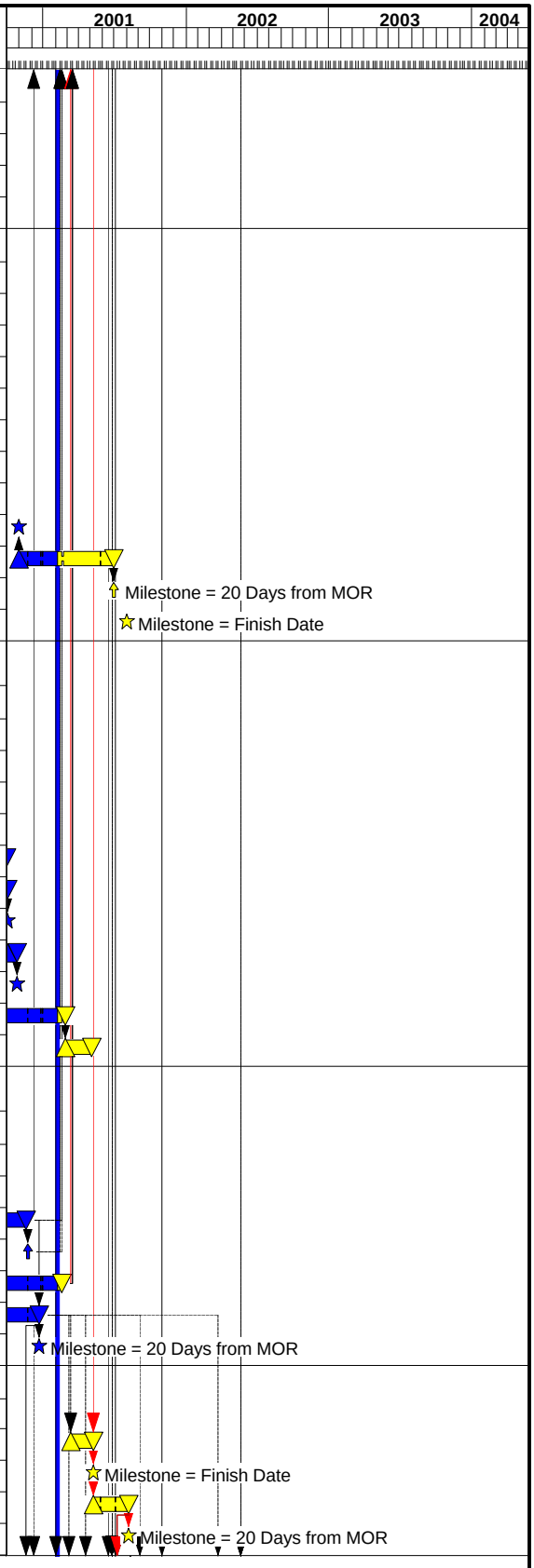

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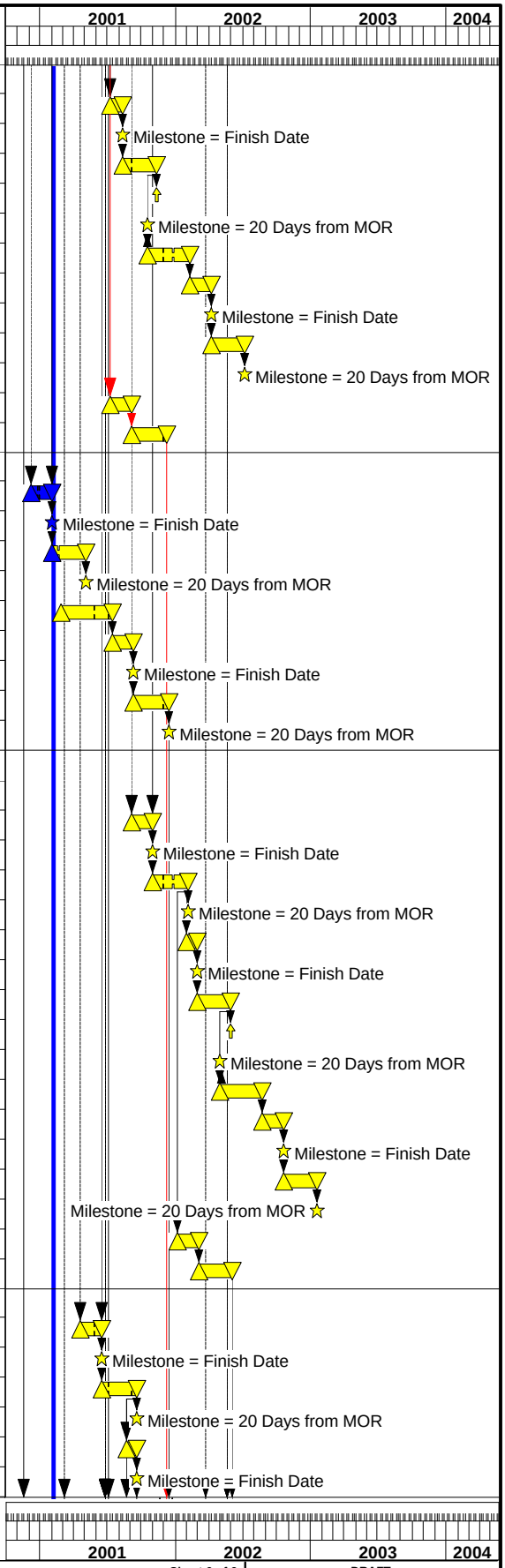
Figure 6. Combined Schedule for MMR Impact Area Groundwater Study Program as of 2/6/01

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Soil Operable Unit					
21210	Post-Screening Invest. Workplan Prep.		22	12JUL01	10AUG01
21220	Draft Post-Screening Invest. Workplan	YES	0		10AUG01
21230	Revise Draft PSI Workplan		65	13AUG01	12NOV01
21240	Final Post-Screening Workplan		0		12NOV01
21250	Start Post-Screening Investigation	YES	0	16OCT01	
21260	Post-Screening Investigation		80	16OCT01	08FEB02
21310	FS Preparation		40	11FEB02	05APR02
21320	Draft FS	YES	0		05APR02
21330	Revise Draft FS		65	08APR02	05JUL02
21340	Final FS	YES	0		05JUL02
21350	(Draft FS if no PSI)		40	12JUL01	06SEP01
21360	(Final FS if no PSI)		65	07SEP01	10DEC01
Groundwater Operable Unit					
21510	FS Screening Report Preparation		0	06DEC00A	31JAN01A
21520	Draft FS Screening Report	YES	0		31JAN01A
21530	Revise Draft FS Screening Report		62	01FEB01A	03MAY01
21540	Final FS Screening Report	YES	0		03MAY01
21600	ITE Treatability Studies		95	28FEB01*	12JUL01
21650	FS Preparation		40	13JUL01	07SEP01
21660	Draft FS	YES	0		07SEP01
21670	Revise Draft FS		65	10SEP01	11DEC01
21680	Final FS	YES	0		11DEC01
Central Impact Area					
Soil Operable Unit					
22110	FS Screening Report Preparation		40	06SEP01	31OCT01
22120	Draft FS Screening Report	YES	0		31OCT01
22130	Revise Draft FS Screening Report		65	01NOV01	05FEB02
22140	Final FS Screening Report	YES	0		05FEB02
22150	Post-Screening Invest. Workplan Prep.		22	30JAN02	28FEB02
22160	Draft Post-Screening Invest. Workplan	YES	0		28FEB02
22170	Revise Draft PSI Workplan		65	01MAR02	30MAY02
22180	Final Post-Screening Workplan		0		30MAY02
22190	Start Post-Screening Investigation	YES	0	03MAY02	
22200	Post-Screening Investigation		80	03MAY02	22AUG02
22210	FS Preparation		40	23AUG02	17OCT02
22220	Draft FS	YES	0		17OCT02
22230	Revise Draft FS		65	18OCT02	16JAN03
22240	Final FS	YES	0		16JAN03
22250	(Draft FS if no PSI)		40	09JAN02	05MAR02
22260	(Final FS if no PSI)		65	06MAR02	04JUN02
Groundwater Operable Unit					
22300	FS Screening Report Preparation		40	19APR01	14JUN01
22310	Draft FS Screening Report	YES	0		14JUN01
22320	Revise Draft FS Screening Report		65	15JUN01	17SEP01
22330	Final FS Screening Report	YES	0		17SEP01
22340	Post-Screening Invest. Workplan Prep.		22	20AUG01	19SEP01
22350	Draft Post-Screening Invest. Workplan	YES	0		19SEP01



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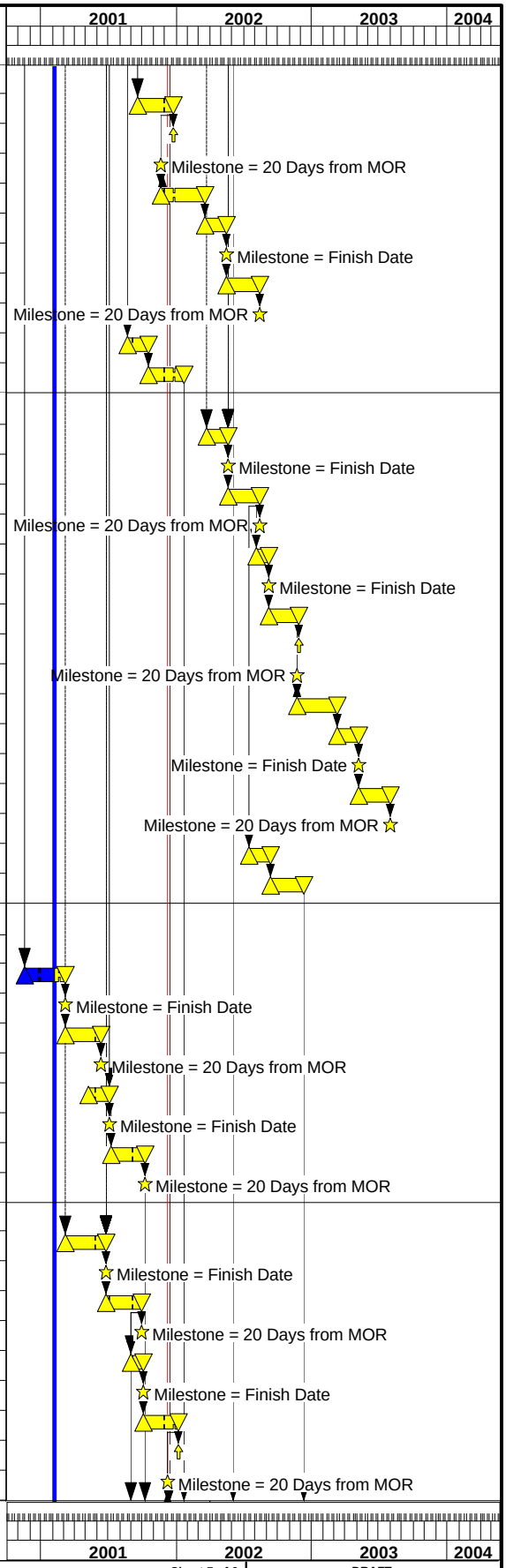
Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Groundwater Operable Unit					
22360	Revise Draft PSI Workplan		65	20SEP01	21DEC01
22370	Final Post-Screening Workplan		0		21DEC01
22380	Start Post-Screening Investigation	YES	0	22NOV01	
22390	Post-Screening Investigation		80	22NOV01	19MAR02
22400	FS Preparation		40	20MAR02	14MAY02
22410	Draft FS	YES	0		14MAY02
22420	Revise Draft FS		65	15MAY02	13AUG02
22430	Final FS	YES	0		13AUG02
22440	(Draft FS if no PSI)		40	20AUG01	15OCT01
22450	(Final FS if no PSI)		65	16OCT01	18JAN02
SE Corner of Ranges					
23110	FS Screening Report Preparation		40	26MAR02	20MAY02
23120	Draft FS Screening Report	YES	0		20MAY02
23130	Revise Draft FS Screening Report		60	21MAY02	12AUG02
23140	Final FS Screening Report	YES	0		12AUG02
23150	Post-Screening Invest. Workplan Prep.		22	06AUG02	04SEP02
23160	Draft Post-Screening Invest. Workplan	YES	0		04SEP02
23170	Revise Draft PSI Workplan		60	05SEP02	27NOV02
23180	Final Post-Screening Workplan		0		27NOV02
23190	Start Post-Screening Investigation	YES	0	21NOV02	
23200	Post-Screening Investigation		80	21NOV02	12MAR03
23210	FS Preparation		40	13MAR03	07MAY03
23220	Draft FS	YES	0		07MAY03
23230	Revise Draft FS		60	08MAY03	30JUL03
23240	Final FS	YES	0		30JUL03
23250	(Draft FS if no PSI)		40	16JUL02	09SEP02
23260	(Final FS if no PSI)		65	10SEP02	09DEC02
UXO					
HUTA1 Operable Unit					
24110	FS Screening Report Preparation		22	20NOV00A	08MAR01
24120	Draft FS Screening Report	YES	0		08MAR01
24130	Revise Draft FS Screening Report		65	09MAR01	08JUN01
24140	Final FS Screening Report	YES	0		08JUN01
24150	FS Preparation		40	10MAY01	06JUL01
24160	Draft FS	YES	0		06JUL01
24170	Revise Draft FS		65	09JUL01	08OCT01
24180	Final FS	YES	0		08OCT01
Other Operable Units					
24210	FS Screening Report Preparation		80	07MAR01	27JUN01
24220	Draft FS Screening Report	YES	0		27JUN01
24230	Revise Draft FS Screening Report		65	28JUN01	28SEP01
24240	Final FS Screening Report	YES	0		28SEP01
24250	Post-Screening Invest. Workplan Prep.		22	31AUG01	02OCT01
24260	Draft Post-Screening Invest. Workplan	YES	0		02OCT01
24270	Revise Draft PSI Workplan		65	03OCT01	07JAN02
24280	Final Post-Screening Workplan		0		07JAN02
24290	Start Post-Screening Investigation	YES	0	07DEC01	



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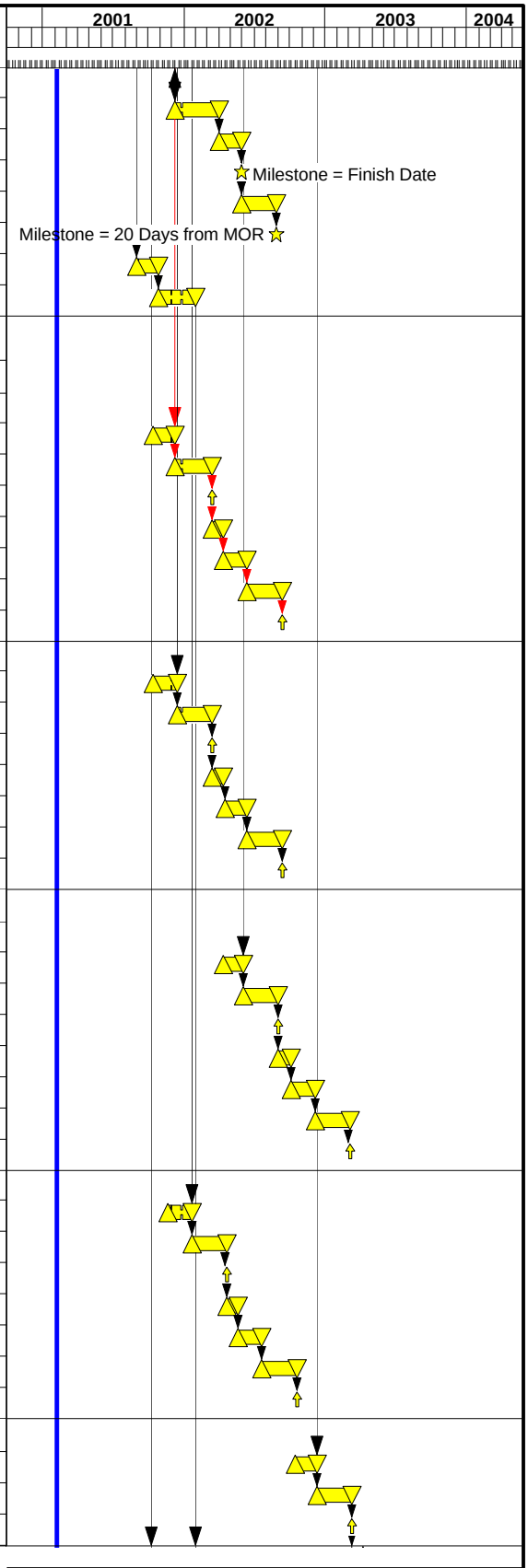
Other Operable Units					
24300	Post-Screening Investigation		80	07DEC01	01APR02
24310	FS Preparation		40	02APR02	27MAY02
24320	Draft FS	YES	0		27MAY02
24330	Revise Draft FS		65	28MAY02	26AUG02
24340	Final FS	YES	0		26AUG02
24350	(Draft FS if no PSI)		40	31AUG01	26OCT01
24360	(Final FS if no PSI)		65	29OCT01	31JAN02
Remedy Selection (AO3)					
Demo Area 1					
Soil Operable Unit (if no PSI)					
31110	Prepare Draft Remedy Selection Plan		40	12OCT01	10DEC01
31120	Revise Draft Remedy Selection Plan		65	11DEC01	13MAR02
31130	Remedy Selection Plan		0		13MAR02
31140	Public Comment Period		21	14MAR02	11APR02
31150	Draft Decision Doc/ Response		44	12APR02	12JUN02
31160	Revise Draft DD/RS		65	13JUN02	11SEP02
31170	Final Decision Doc/ Response		0		11SEP02
Groundwater Operable Unit					
31510	Prepare Draft Remedy Selection Plan		40	15OCT01	11DEC01
31520	Revise Draft Remedy Selection Plan		65	12DEC01	14MAR02
31530	Remedy Selection Plan		0		14MAR02
31540	Public Comment Period		21	15MAR02	12APR02
31550	Draft Decision Doc/ Response		44	15APR02	13JUN02
31560	Revise Draft DD/RS		65	14JUN02	12SEP02
31570	Final Decision Doc/ Response		0		12SEP02
Central Impact Area					
Soil Operable Unit (if no PSI)					
32110	Prepare Draft Remedy Selection Plan		40	10APR02	04JUN02
32120	Revise Draft Remedy Selection Plan		65	05JUN02	03SEP02
32130	Remedy Selection Plan		0		03SEP02
32140	Public Comment Period		21	04SEP02	02OCT02
32150	Draft Decision Doc/ Response		44	03OCT02	03DEC02
32160	Revise Draft DD/RS		65	04DEC02	04MAR03
32170	Final Decision Doc/ Response		0		04MAR03
Groundwater Operable Unit (if no PSI)					
32510	Prepare Draft Remedy Selection Plan		40	20NOV01	18JAN02
32520	Revise Draft Remedy Selection Plan		65	21JAN02	19APR02
32530	Remedy Selection Plan		0		19APR02
32540	Public Comment Period		21	22APR02	20MAY02
32550	Draft Decision Doc/ Response		44	21MAY02	19JUL02
32560	Revise Draft DD/RS		65	22JUL02	18OCT02
32570	Final Decision Doc/ Response		0		18OCT02
SE Corner of Ranges (if no PSI)					
33110	Prepare Draft Remedy Selection Plan		40	15OCT02	09DEC02
33120	Revise Draft Remedy Selection Plan		65	10DEC02	10MAR03
33130	Remedy Selection Plan		0		10MAR03



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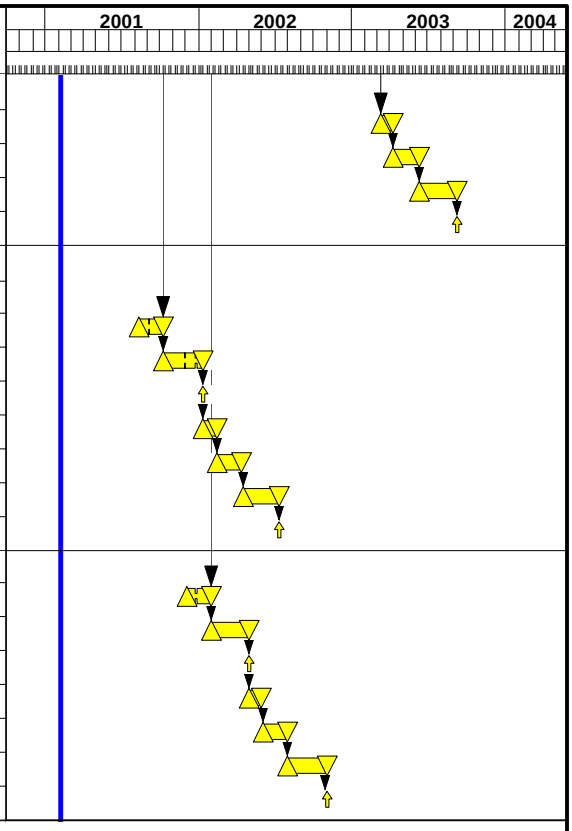
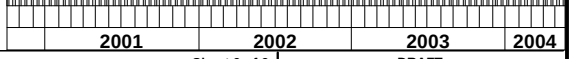
SE Corner of Ranges (if no PSI)					
33140	Public Comment Period		21	11MAR03	08APR03
33150	Draft Decision Doc/ Response		44	09APR03	09JUN03
33160	Revise Draft DD/RS		65	10JUN03	08SEP03
33170	Final Decision Doc/ Response		0		08SEP03
UXO					
HUTA1 Operable Unit (if no PSI)					
34110	Prepare Draft Remedy Selection Plan		40	13AUG01	08OCT01
34120	Revise Draft Remedy Selection Plan		65	09OCT01	11JAN02
34130	Remedy Selection Plan		0		11JAN02
34140	Public Comment Period		21	14JAN02	11FEB02
34150	Draft Decision Doc/ Response		44	12FEB02	12APR02
34160	Revise Draft DD/RS		65	15APR02	12JUL02
34170	Final Decision Doc/ Response		0		12JUL02
Other Operable Units (if no PSI)					
34510	Prepare Draft Remedy Selection Plan		40	05DEC01	31JAN02
34520	Revise Draft Remedy Selection Plan		65	01FEB02	02MAY02
34530	Remedy Selection Plan		0		02MAY02
34540	Public Comment Period		21	03MAY02	31MAY02
34550	Draft Decision Doc/ Response		44	03JUN02	01AUG02
34560	Revise Draft DD/RS		65	02AUG02	31OCT02
34570	Final Decision Doc/ Response		0		31OCT02





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