MONTHLY PROGRESS REPORT #42
FOR SEPTEMBER 2000

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

The following summary of progress is for the period from September 1 to September 30, 2000. Scheduled actions are for the six-week period ending November 10, 2000.

1. SUMMARY OF ACTIONS TAKEN

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

Table 1. Drilling progress for September 2000

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-118	Impact Area Response Well P-29	280	169	116-126 146-156
MW-120	J-2 Range (J2P-4)	320	215	103-113 260-270
MW-122	J-2 Range (J2P-1)	101	11	88-98
MW-123	Impact Area Response Well P-35	300	158	139-149 236-246 291-301
MW-124	Impact Area Response Well P-36	300	167	160-170 219-229 234-244
MW-125	J-3 Range (J3P-9)	260	209	50-60 232-242
MW-126	Impact Area Response Well P-28	271	170	99-109 118-128
MW-127	J-1 Range (J1P-10)	111	10	99-109
MW-128	L Range (LP-1)	270	181	
MW-129	Demo Area 1 (D1P-1)	230	159	
MW-130	J-2 Range (J2P-7)	140	35	
MW-15A	Impact Area Response Well P-32	170	59	

bgs = below ground surface
bwt = below water table

Completed well installation on MW-118 (P-29), MW-120 (J2P-4), MW-122 (J2P-1), MW-123 (P-35), MW-123 (P-35), MW-124 (P-36), MW-125 (J3P-9), MW-126 (P-28), and MW-127 (J1P-10). Completed drilling on MW-128 (LP-1), and MW-129 (D1P-1). Commenced drilling on MW-130 (J2P-7) and MW-15A (P-32). Continued UXO clearance of the J-1 Range, J-2 Range, J-3 Range, and Impact Area Response Well drill pads. Completed UXO clearance of the K Range and L Range access roads. Completed the separation of materials from the J-1 Range Popper Kettle. UXO located on the J-1 Range, J-2 Range, J-3 Range, and Demo 1 were detonated. Development of newly installed wells continued.

Samples collected during the reporting period are summarized in Table 2. Air samples were collected during the small arms firing at the SE Range. Soil samples were collected from the craters of UXO

detonated in the J-1 Range, J-2 Range, J-3 Range, Demo 1, KD Range, and the APC on Turpentine Road. Supplemental BIP grids were sampled at Target 9 and the P-19 drill pad. Wipe samples of UXO, UXO-related material, and debris were obtained from the High Use Target Area (HUTA), J-1 Range, and J-2 Range. Groundwater sampling was completed for the August Long Term Monitoring wells. Groundwater sampling was started for the second round of Impact Area Response Wells MW-85 through MW-107, and for the first round of Impact Area Response Wells MW-108 through MW-115. Groundwater profile samples were collected during the drilling of MW-120, MW-123, MW-124, MW-125, MW-126, MW-128, MW-129, MW-130, and MW-15A. Deep soil samples were collected during the drilling of MW-122, MW-123, MW-124, MW-125, MW-126, and MW-130. Soil samples were collected for the HUTA study from the 0"-3" and 3"-36" intervals in Test Plot 1 and 2, from pre and post detonations, and from under the booster located at GP-10. Soil samples were collected from grids at J-2 Range (Area 101), J-3 Range (Area 102), L Range (Area 103), Target 13 (Area 105), Target 14 (Area 106), Target 15 (Area 107), and the SE Range. Soil samples were collected from grids at the APC on Turpentine Road and post excavation samples were collected at GP-7 (Area 17), the KD Range (Area 44), APC, and J-3 Wetland as part of the RRA.

The Guard, EPA, and MADEP had a meeting on September 7 to discuss technical issues, including the following:

- Jacobs provided an update on the CS-19 investigation. The location of the MW-18 particle track has been checked and originates 50 feet below the water table. There was a meeting between Ogden and Jacobs to discuss the difference in the MW-18 particle tracks. The models are basically consistent, but when viewed on a micro scale there are differences caused by different data sets. Ogden indicated that the RDX detection from well P-26 is assumed to be resulting from CS-19, or at least something very close by, and not the central impact area. There will be a modeling meeting on September 19. AFCEE will be available to answer any technical questions that may arise at the IART meeting. It was asked during the last meeting what was the cause of the lack of vegetation in the CS-19 area. EPA indicated that the CS-19 report stated that the soil contamination has effected the vegetation. Revised figures and tables will be distributed to the agencies for review prior to the RCL meeting next Wednesday (9/13).
- The JPO presented an update on the Water Supply Study. The pumping test report is on the way and they will have the proposed chemical monitoring well locations and ZOCs within the next two weeks for DEP approval. The environmental assessment has been completed and the ENF submitted to OEA. They are waiting on a Phase I waiver to proceed with construction and hoping for approval by the end of this month. The EPA requested a short presentation at the October IART about where the ZOCs fall.
- Tetra Tech provided an update on the Munitions Survey. A one page summary handout was distributed. J-2 UXO surface clearance and brush cutting continues. The Brontosaurus has returned and a short video presentation of it will be given at the IART meeting. The HUTA Test Plot 1 (TP1) has been selected and surface and subsurface soils have been sampled, and selection of TP2 will be done today. TP-1 was selected based upon surface items, geophysics, and aerial mag survey. Of the 740 items flagged in the HUTA, only about 1% needed to be BIPed. There is a correlation between high-density ordnance areas and historical target areas. The HUTA data results should be back in early October. Excavation activity of TP1 will begin by 9/15-18. The screening plant set up is complete, and road turnouts and Staging Area preparation continues. The Gun & Mortar/Demo Area 1 excavation work plan has been submitted, revised, and resubmitted on August 31. Validation in Demo 1 began on Thursday, August 24 and has been completed for the first 25 excavations. The EPA inquired about an existing burn pit, and whether it was at the same location as where razor wire was found. Tetra Tech believes they are in two different areas, however they will confirm that information for the next technical meeting. DEP requested a map of Demo 1 with the areas of interest included. The Guard will prepare a plan for the burn pit discovered in the validation trench. The

Guard requested that Tetra Tech remove the source of the anomaly if possible. Validation in GP10 has commenced with anomalies (mostly nose rings, lugs, caps, and also a supplemental booster charge) down to one foot are excavated by hand. Anomalies below 1 foot will be excavated with heavy equipment. Validation on GP11 will begin next week.

- Ogden provided an update on the Rapid Response Action. A one-page summary handout was distributed. The Draft Delineation Sampling Report was distributed to agencies on 9/1/00. There was an error in table 2, which included 23B as a J-3 wetland sediment sample. Sample 23B was a surface water sample, therefore 23H is the only grid to be excavated. Envirogen will have a draft report on the treatability study for bioslurry sometime next week. RDX has been reduced to below the detection limit and are waiting for the dieldrin results. Current and upcoming RRA Implementation Activities include the temporary relocation of soil washing equipment and washed rocks (this week), containment pad site grading and UXO clearance (week of 9/11); containment pad paving (week of 9/18), and soil removal (week of 9/25). EPA inquired on the necessity of rock crushing. The Guard replied that it is a process suggested by AEC as the most conservative approach.
- Ogden provided an update on the Groundwater Field Investigation. A one-page summary handout was distributed. Well installation of MW-118 (P-29) has been completed. Drilling of MW-120 (J2P-4) has also been completed, although bedrock was hit 30 ft. short of desired depth. MW-122 (J2P-1) should be completed this week, and drilling of P-36 and D1P-1 will begin next week. Ogden will not have the revised plume locations for the IART meeting. Groundwater sampling of the August LTM round will continue through next week. UXO clearance continues on the Central Impact Area well pads: the J2P-5 well pad will be done next week, as well as the J-1 popper kettle. EPA questioned the accuracy of next week's UXO clearance being J2P-5, rather than J2P-7. Ogden will check on that. Pre and post detonation soil sampling of the items in Demo 1 have been completed and the J-2 Range soil grids will be done next week. EPA requested a list of which soil grids Ogden plans to sample each week.
- Ogden distributed a one-page summary of the IAGS Document Status as of 9/07/00. The HUTA Workplan will be revised in accordance with ACOE requirements with a draft in to the Guard by September 25. The Guard is not seeking comments on the Demo 1/Gun & Mortar Validation Plan (submitted to the agencies on August 31). The May-June BIP reports are being worked on and awaiting validated data. The MOR for Trenches Investigation TM 00-1 is awaiting agencies' approval. DEP requested a delay of its review until next week. This document has an enforceable deadline of September 18. EPA is still considering the need for the 10/00 tech memo on the Central Impact Area results, per the MOR request of 8/30/00 to delete.
- There was a discussion on the scheduled SAR Firing and status of sampling. As scheduled, the A, G, and I Ranges will be sampled; however, there has not been any recent SAR firing at these ranges. The C Range will be used for firing next month, although the desired count of 4,000 rounds is not expected. The C Range could be substituted for one of the selected ranges or two of the ranges could be sampled now and one could be delayed until there is a firing event. The EPA agreed but indicated that it should be discussed at the IART.
- There was a discussion on the role of the IART in the IAGWSP. The Guard is concerned that too much time at the IART meeting is being spent on issues that are not the primary focus of the groundwater study.
- The EPA requested that a discussion of the latest detections be added to the weekly technical meeting agenda. Ogden should provide a "cheat sheet" with the latest data for these discussions. EPA provided a correction to the latest weekly progress report: Area 101 is actually in the J-2 Range, not the J-3 Range as reported.
- There was a discussion of the Response to Comments on the Feasibility Study Workplan:

  12- page 5: The EPA would like clearly stated in the MOR that disposal occurred at Demo 1. The source is not the primary concern at this point, as the implications are unknown.

19- page 6: EPA would like exact text, more specific comments about items being changed, stated in the MOR.
23- page 22: EOD Areas: detonation and burial.
27- EPA reference: Standard Corps Guidance for UXO safety; can be found on the UXO-Corps website.
30- Use same language from text.
40- Done under authority of the Safe Drinking Water Act.
47- NGB is focusing too much. EPA requested a document presenting a general overview of the available technologies, evaluating how they may be applied at MMR. There was an involved discussion, beginning with the issue of whether or not such a document could be done, and ultimately, about the logical benefits of such a document. NGB does not believe it will be useful, as it will be based on too many assumptions. EPA believes it can be done in a creative fashion with the information already available. NGB suggested that it may be possible to prepare an interim submittal to address EPA concerns. NGB will prepare an approach to move forward with the UXO FS process.
51- EPA requested additional surface soil samples be collected at Demo 1. These samples should be collected at the same time that the deep soil borings are extended. Upon receipt of TetraTech validation results, NGB will prepare a plan that includes additional surface soil sampling, extension of deep soil borings, and delineation of the "burn pit" identified during validation (see 3rd bullet above).

- EPA distributed a 2-page handout of guidance for determination of COPCs

EPA convened a meeting of the Impact Area Review Team on September 7. Topics discussed during this meeting included status of the Munitions Survey project (aerial survey results, HUTA update) and status of the Impact Area Groundwater Study (sampling results including CS-19, UXO detonation results, Phase 2b plans, SAR study).

The Guard, EPA, and MADEP had a meeting on September 14 to discuss technical issues, including the following:

- Jacobs provided an update on the CS-19 Investigation. There was a meeting yesterday (9/13) to discuss the MOR for the draft RI. A supplement to the RI will be put together and an outline will be presented to the agencies. They will also be putting together an FS to coordinate with that of the Central Impact Area. Ogden should provide them with information on MW-111 (done 9/15). EPA indicated that their COPC list may expand when they consider leaching to groundwater.
- The Army Corps of Engineers provided an update on the Water Supply Study. The Town of Falmouth has offered services to run the operations after set up has been completed. EPA requested an update on the status of the ZOCs.
- Tetra Tech provided an update on the Munitions Survey. A one-page summary was distributed. Brush cutting/chipping continues in the J-2 Range and the surveyor is continuing to set lines in J-1, which should be done by next week. The Brontosaurus has resumed work on site. Test Plot 1 (TP1) UXO clearance continues in the HUTA. The internal roads have been completed around TP1and identification, logging, locating of subsurface UXO, UXORM, and debris in TP1 continues. Sampling of UXO, UXORM, and debris items is waiting on TP1 completion. There may be an issue finding 25 UXO for this sampling in the first lift. Selection of TP2 will occur next week, and some items will be BIPed tomorrow (9/15). Having some problems with the geophysics due to the uneven ground surface. The screening plant set up, truck scales set up, road turnouts, and staging area preparation has all been completed and excavation activity should begin on TP1 by 9/22. The Berm maintenance rock has been moved to the staging area for utilization for road beds. The first phase of validation in Demo 1 and GP 10 have both been completed, and GP 11 validation continues. A report on Demo 1 will be submitted today to the Guard for review. The EPA requested a verbal update on

any new significant item if/when they may be found. Phase II of Demo 1 will be determined after the initial findings. EPA inquired about the location of the burn pit relative to the borings that Ogden installed. The extent of the burn pit area is unknown. Tetra Tech will provide coordinates of the pit to Ogden. No metallic fragments were encountered in B-13 and B-14, although magnetic rocks were detected at 7 feet.

- Ogden provided an update on the Rapid Response Action. A one-page summary was distributed. The Draft Delineation Sampling Report was distributed to the agencies on 9/1/00 and the preliminary version of Envirogen's treatability study report is undergoing internal review. A meeting will be scheduled with the Guard to discuss the treatability study report when lab data returns and it will be distributed to agencies in two weeks. Everything is still on track to meet the October 1 deadline: Soil washing equipment has been temporarily relocated, the layout of the containment pad has been completed, and the paving of the containment pad sub-base should occur next week. Intrusive clearance of GP-7 grid has been completed, and KD Range should be completed this week. Intrusive clearance of J-3 Wetland will not be necessary. EPA requests that if anything significant is found, it should go into the UXO discovery report.
- Ogden provided an update on the IAGWSP field investigations. A one-page summary was distributed. Drilling on MW-123 (P-35) and MW-124 (P-36) will be completed this week, and drilling has begun on MW-125 (J3P-9) and MW-126 (P-28). Screens for MW-123 and MW-124 will be selected by next Tuesday (9/19). Groundwater sampling of the August LTM round should be completed by next Tuesday. EPA requested that Ogden check on the progress of sampling some select wells that were designated for filtered and unfiltered metals. UXO clearance for the J-1, J-3, and L Range well pads has begun, and access roads for the Former K Range have been cleared. UXO clearance will continue next week on the Central Impact Area well pads and Tank Targets. Soil samples were taken from UXO detonation craters at J-1, J-2, J-3 and Demo 1, and the J-2 Range soil grids will be done next week. EPA questioned when the sampling of stage 2 wells along Greenway Road would occur. This is dependent on Tetra Tech's schedule, which is waiting on approval. It is expected that a revised drilling schedule can be submitted in October. Ogden estimates the stage 1 wells would be complete by December if there is not interference between the contractors, and the stage 2 wells by about March. The EPA commented on AFCEE having a problem with the source area for FS-12 and they have redrawn the FS-12 plume that may be in the vicinity of the stage 2 wells. EPA asked what the schedule of the tank target sampling was. Ogden will begin sampling around the target tanks as soon as the crews are available but would have to check the revised FS schedule (7/27/00). EPA will provide comments for the Phase II(b) plans next week so a schedule for these investigations can be prepared.
- The revised SAR Firing Schedule (e-mailed 9/11) and selection of ranges for sampling was discussed. Ranges A, G, and I will be fired upon in September and October. Ogden reported that Range Control indicated that the 4000 round goal will most likely occur with the SAW firing on SE and SW Ranges. It was agreed to perform the air and soil sampling on the SE Range on 9/23/00, soil sampling on the G Range on 10/14/00, and soil sampling on I Range on 10/15/00. Ogden will send an e-mail to citizen members of the review team on the SAW firing and those who want to observe should contact the IAGWSP Office.
- Ogden provided an update on Fate/Transport measurements. They have established a contract with the University of Texas, who in turn, will subcontract Texas A&M for some of the analytical work. Due to the time frame, the Cleanup Standard Estimation Modeling expected to be complete by the end of the year will not take into account biodegradation. Work should begin on October 1.
- The resolution of comments on draft Demo 1 Report (RCL dated 9/5/00) was discussed. Ogden is waiting to finalize COCs and COPCs until the FS approach is agreed. Still waiting for the information from the deep soil borings and the burn pit.
    - # 2 need to have the last sentence of the EPA comment modified with the Guard proposed language.

- #15 clarify that RDX moves with the groundwater.
- #19 must be specified that disposal occurred at this location.

Ogden asked if a request for an extension should be prepared for the Demo 1 Report to allow info from deep soil sampling and the geophysics to be incorporated. EPA indicated that they would like to see a revised FS schedule for Demo 1 to expedite the screening reports.

- There was a discussion on the FS Workplan. EPA comments were resolved at last week's technical meeting, with the exception of the UXO FS process and the COC approach, which are discussed below. MADEP was not ready to discuss responses to their comments. MADEP will contact Guard or Ogden prior to next the next technical meeting to identify any issues with the 29 Aug 00 RCL.
- The draft UXO FS Approach was handed out and discussed. The proposed approach was summarized. It was proposed that the Interim UXO FS Screening Report was not an enforceable milestone and would not accelerate the previously submitted UXO FS schedule. The following objective of the Interim Report, as discussed with EPA during the conference call on 12 Sep 00, was reiterated: The Interim Report would serve to show progress toward the ultimate goal of remediating UXO and would identify potential issues early in the process so that when the appropriate data (HUTA 1, fate and transport work, and groundwater study) are available the FS process will move forward with as little delay as possible. It was agreed that since the Interim Report would proceed without many of the critical items required, several key assumptions would have to be made to estimate UXO types and densities by area, which could result in conclusions that are not appropriate for actual conditions at Camp Edwards. MADEP and EPA will review the proposed approach and provide any comments. Upon receipt of comments a revised UXO FS Schedule will be prepared to include the Interim Report. It was noted that the overall UXO FS schedule would remain the same with the caveat that the Guard may require longer internal review times than previously included.
- The COC identification process for the FS was discussed. Ogden asked that EPA clarify their intent regarding a number of statements in their proposed process that was distributed at last week's technical meeting. EPA indicated that upon further review they realized that some of the statements in their proposal didn't clearly describe what they wanted. EPA provided a flow diagram sketch depicting the steps to identify soil COCs and discussed their expectations. These include screening compounds against Soil Screening Levels or SSLs (migration to groundwater pathway) and Soil Preliminary Remediation Goals or PRGs (ingestion, dermal contact, inhalation pathways) to determine COPCs (site-specific soil SSLs and PRGs would be developed by INEEL based upon the Region IX equations with site-specific parameters being used); complete Risk Evaluation on all COPCs to determine COCs; complete Risk Management to evaluate COCs based upon frequency of detection, repeated detection, artifacts, nutrients, and background; identify site-specific PRGs based on 1E-6 excess lifetime cancer risk and Hazard Index of 1.0. This entire process would be completed prior to proceeding with FS activities and would typically be included in the Tech Memo for individual AOCs or OUs. Groundwater would be evaluated similarly, but with a few media specific changes. EPA indicated that the current proposed background values should be used in the above Risk Management step. EPA indicated that Demo 1 schedules should be accelerated as much as possible and that they would like to see the Draft FS for the GW OU due around March 2001. The Guard will prepare a detailed COC Identification Process for soil and groundwater based upon EPA's sketch and discussion for distribution at next week's technical meeting. The Guard will prepare revised FS schedules incorporating the COC process outlined above for distribution at the technical meeting next week.
- Ogden distributed three 1-page tables on the latest groundwater detects. EPA requested that tables of soil detections be provided as these data become available.
- A handout on the Summary of Phase 1 and 2a Areas and Reporting (as of 9/13/00) was provided. EPA requested that Phase 2b areas be added after they provide their comments.
- There was a discussion on the resolution of comments on draft BIP reports of 9/99 to 1/00 (RCL dated 9/7/00). EPA approved the response to comments.

- The data from the acetone study were distributed. Acetone was detected in all preservation methods and in control samples. No change is proposed to the current sampling and preservation procedures for soil.
- There was a discussion of the action items from the IART meeting.
  - Item #1 for TOSC
  - Item #2, MADEP to supply additional info on UTES
  - Item #3, MADEP to consider this request
  - Item #4, Guard to determine regulatory issues surrounding offsite transport of UXO
  - Item #5, Guard will prepare a longitudinal cross-section of CS-19
  - Item #6, JPO/Guard to develop map of Impact Area & CS-19
  - Item #7 for AFCEE
  - Item #8 done by AFCEE
  - Item #9 Guard will send to IART when available (expected early 2001)
  - Item #10 SAR schedule has changed as indicated above; sampling on 9/23/00.
  - Item #11 Discussed and confirmed that BIP sites are covered until results are available.
  - Item #12 Guard to include language in BIP reports stating that there are no SDWA levels for soil comparable to MCP.
- EPA questioned the lack of a monitoring well down gradient of 90WT0004. EPA suggested moving J3P-4 downgradient. The Guard will revisit rationale for siting this well on Greenway Road.
- EPA asked the status of the sampling of the soil from the rounds with exposed HE from last weeks meeting. Tetra Tech indicated that the soil would be sampled when the rounds are moved. Waiting for room at the SHA before the rounds are moved.
- EPA asked for a monthly update on the status of the Archive Search Report, with the first update on 9/21/00.
- EPA requested an update on the 8321 results.
- EPA asked when the Demo 1 groundwater results would be reviewed. Ogden indicated that it would be done before the December sampling round.

The Guard, EPA, and MADEP had a meeting on September 21 to discuss technical issues, including the following:

- Jacobs provided an update on the CS-19 Investigation. A meeting was held last week on the comment resolution for the Memorandum of Resolution (MOR). A draft schedule for Remedial Investigations (RI) and Feasibility Study (FS), and a draft table of contents for the Supplemental RI Workplan were distributed to the agencies. FS work is factored into the first portion of the schedule followed by a lag for the FS until the Supplemental RI gets completed. The table of contents is based on the CS-18 work plan. Jacobs will be working with Tetra Tech to make sure UXO survey methods are compatible. Soil sampling will be done at 58MW0002. Groundwater wells will be installed near existing wells 58MW0018, 58MW0007, and 71MW0111. AFCEE is requesting feedback from the agencies as part of the MOR process. Jacobs is continuing to evaluate screening and Remedial Action Objectives (RAO). The Draft RAO will be issued within the next two weeks. The EPA inquired about CS-18 (Gun Position 9), and requests that an update on the work be added to the technical meeting weekly agenda. Jacobs has had notice to proceed on CS-18 and will hold a project kick off meeting to begin Phase I. They should begin in the field in the next three weeks.
- The USACE gave an update on the Water Supply Study. Jacobs has submitted the initial Zone IIs for internal review and JPO expects these will be finalized and distributed to DEP this month. There has been delay due to recalibration of the model.
- Tetra Tech gave an update on the Munitions Survey. A 1-page summary was distributed. J-1 and J-2 brush cutting/chipping continues. High Use Target Area (HUTA) item identification activity includes UXO clearance of internal roads, and detailed geophysical survey in Test Plot 1 (TP1). The selection

of TP2 to TP6 is awaiting approval. Geophysical survey is having complications due to the deep craters throughout the area. A sample diagram of the topography of the HUTA was distributed. Tetra Tech explained that this topography is such that standard geophysics equipment are not correctly locating anomalies. They have proposed modifications to the method and leveling the ground surface. The test excavation will be done today. The Guard requests a video of the excavation activity. A plan view diagram of the HUTA was distributed, and a color plan view diagram representing the strength of anomaly detections at the HUTA was shown. GP-11 validation continues. EPA requested to check on the soil sampling under the booster located in GP-11.

- Ogden presented an update on the Rapid Response Action. A 1-page summary was distributed. The Draft Delineation Sampling Report was distributed to the agencies on 9/1/00 and no comments have been received as of yet. The preliminary version of Envirogen's treatability study report (received 9/12/00) will be reviewed next week with the Guard and presented to the agencies the following week. Containment pad construction continues: Rough grade and proof rolling was completed (9/14/00), stormwater collection sumps placed (9/18/00), the base stone placement and compaction has been completed (9/19/00), and paving should be completed on or before Monday (9/25/00). UXO intrusive clearance has been completed at GP-7 (9/12/00) and KD Range (9/19/00). Two items will tentatively be blown in place (BIPed) on 9/26/00. Intrusive clearance continues at APC and should be completed by 9/26/00. Soil excavation and construction of soil washing plant feed ramp should begin on Monday (9/25/00) and collection of stormwater will begin when the first load of excavated soils are staged in receiving portion of the containment pad. Modification and setup of soil washing plant will begin during the week of 10/2/00, and soil washing will start during the week of 10/16/00. EPA indicated that they would require two weeks to review Envirogen's report before work starts.
- Ogden presented an update on the Groundwater Field Investigation. A 1-page summary was distributed, along with a revised map showing well locations with insets. Well installation of MW-123 (P-35) and MW-124 (P-36) will be completed this week. Drilling has been completed on MW-127 (J1P-10), MW-125 (J3P-9), and MW-126 (P-28), and drilling should commence on LP-1 and J2P-5. Screens should be selected for MW-125 and MW-126 by tomorrow (9/22/00). Next week drilling will begin on D1P-1, J2P-7, and J3P-1. Newly installed wells continue to be developed. Groundwater sampling of the August LTM round has been completed and round two of the Central Impact Area response wells (MW-85 through MW-107) has begun. UXO clearance continues for the J-1 drilling pads and UXO avoidance continues at J-1 soil grids. J-1 Range Popper Kettle debris has been separated into categories of ordnance, metal debris, and ash and contained in drums. UXO will be sent to the CDC. Next week and into early October UXO clearance will continue on Central Impact Area well pads, Tank Targets, and gravity range supplemental BIP grids. Soil is being sampled of supplemental BIP grids at P-19 and Target 9, and J-2 Range soil grids should be finished this week. Tank Target grids will be sampled next week.
- Ogden distributed a handout of the newest groundwater detects (9/10/00-9/16/00), which will be included in the next weekly report. The newest detects are similar to previous sampling rounds. There will be more groundwater results in the next few weeks from the August LTM sampling.
- A discussion arose on the issue of adding titanium as an analyte for specific samples from the J Ranges. EPA has suggested that it be done to help confirm site history.
- Ogden distributed a memorandum on the evaluation of filtered versus non-filtered groundwater samples for metals in select IAGWSP monitoring wells. (Five of the suggested wells were missed in the August LTM sampling round.) The results did not demonstrate a pervasive trend in metals results relative to the type of sample. It was suggested that Table 1 in the memo be revised to show all of the requested wells (regardless of whether there was an exceedance), and all years of sampling, and the type of drinking water standard. EPA requested that this table be forwarded to USGS.
- Ogden distributed a table of the Soil Ash Results from the J-1 Popper Kettle. It was clarified that this sample was the one requested by EPA during the site walk after the initial samples were collected.

- There was a discussion on the FS Workplan Response to Comments Letter. DEP would like comment #8 withdrawn, and on page 39 they couldn't see the relationship between the response and their previous comments. DEP will send a letter regarding that issue.
- The Guard requested a written response from the agencies to the Draft UXO FS approach that was distributed last week.
- A letter transmitting the Revised Draft COC Identification Process was distributed and discussed. The differences between the this proposal and EPA's proposal discussed at last week's Tech Meeting were highlighted (inclusion of site specific modeling to determine COCs based on leaching to groundwater and eliminating compounds based on frequency, artifacts, and nutrients at the COPC stage). EPA requested that Ogden provide a list of artifacts and essential nutrients for the agencies to review. EPA also questioned the process and timeline to complete the modeling efforts regarding migration to groundwater. Ogden indicated that EPA Soil Screening Level Guidance would be followed and that the guidance suggests that where site conditions don't match their model site-specific numbers should be calculated. Ogden indicated that this could be done relatively fast and would not be in the critical path for the FS. The modeling would be done utilizing the EPA developed SESOIL Model. Agency review/approval of the COC process is required by 9/28 in order to maintain the current schedule for FS Activities for Demo 1.
- Ogden distributed a revised schedule for Site Characterization and FS for Demo 1 as of 9/19/00, according to the revised COC approach. The draft FS Screening Report for groundwater is scheduled for 12/26/00, and the draft FS Workplan for groundwater by 4/26/01 if there is no Post-screening Investigation. The FS deliverables for the soil operable unit are later than groundwater due to the additional time needed for the ongoing soil investigations. The dates for the FS workplans for soil and groundwater might be shortened if the 65-day window for review and approvals is shortened. The cover letter will contain a detailed explanation of the changes. The revised schedule for Demo 1 has the site characterization reports out of the critical paths for FS deliverables because a consensus has been reached regarding the general nature and extent of contamination. This scheduling would likely be different for the other Areas of Concern. The Guard will provide a formal request for extension to deadlines to reflect dates in the revised schedule. EPA requests a comprehensive schedule for all areas by next week. EPA indicated the revised schedule for Demo 1 still appears to be too long. EPA indicated that they would review the schedules and provide comments. Ogden suggested that it would be beneficial to go through the schedule tasks in detail to clearly identify the critical path items and their duration. EPA indicated that they planned to conduct a conference call with MADEP (without NGB) to determine an approach.
- There was an update on the ASR. EPA requested a copy of the letter explaining the interview approach. Once a month, the research will be presented to the public, however, it will be a part of the weekly IAGWSP technical meeting discussions.
- A 3-page letter proposing a method for identification of soil background was provided. EPA requested a copy of the background letter be forwarded to TOSC, and that they be invited to the next meeting. A detailed discussion of the proposal will be provided at the 9/28 technical meeting. A copy of the reference for the "bootstrap" technique will be provided (done by email 9/21).
- EPA requested that the Guard look into status of the 104e requests for Susquehanna and Foster Miller.
- EPA asked the status of the soil results for recent samples. Ogden indicated that the HUTA soil sample data and the J Range soil results should start to arrive in two weeks.

The Guard, EPA, and MADEP had a meeting on September 28 to discuss technical issues, including the following:

- Jacobs provided an update on the CS-19 Investigation. The draft RI Memorandum of Resolution (MOR) will be distributed late next week. Draft supplemental elements for the RI were agreed upon

at yesterday's RPM meeting and will be documented in a Project Note early next week. The proposed schedule will be distributed on October 11. General topics that will be outlined include excavation of trenches; two soil borings; synoptic water level round of the northwest corner of the Impact Area; a particle track analysis, three groundwater monitoring well clusters; and puddle sampling. EPA suggested that Jacobs coordinate with Ogden on water levels in the area near the "mound" so as not to duplicate any efforts.

- Jacobs provided an update on the CS-18 Investigation. The UXO portion of the work will be re-bid and is one week behind schedule. They should begin work 10/23/00.
- The Guard provided an update on the Water Supply Study. Revised Zones of Contribution are delayed but should be distributed to the DEP early next week and finalized by October 15. Construction planning for the pipeline and well-head hardware continues.
- Tetra Tech presented an update on the Munitions Survey. A two-page summary was distributed. The Brontosaurus has completed clearing 25 acres of the J-1 Range and continues to clear, following UXO surface clearance. Manual brush cutting/chipping continues in the J-2 Range. 83 of the 130 survey grids in the J-2 Range have been UXO surface cleared, and 25 of those have been fully brush cut. Within the HUTA, the geophysics QC for TP1 is underway, and TP2 is planned for today and tomorrow. A 37mm projectile found three inches below the ground surface in TP1 was BIPed on Tuesday. The interior HUTA road around TP1 is complete. TP2 soil sampling began this week and should be completed by tomorrow. TP2 UXO classification, sampling, and clearance will begin next week. GP10, GP11, and Demo 1 validation have been completed, and Pond validation should be completed today.
- A draft communications plan for the ASR has been submitted to EPA for review and comment. The Guard has also provided letters to the EPA for review/comment regarding the interview process, contracts research, and historical research. Five interviews have been conducted, potential archive sources for military historical information have been identified and contacted, and 104(e) responses have been obtained, copied, and reviewed for contracts research-related materials. Picatinny Arsenal has been contacted for contract records collection and interviews with personnel, which will be scheduled for early October. Other contracting entities that may have been contracted for work at MMR are also being investigated. A meeting will be held on October 10 with parties using GIS to support work at MMR to discuss GIS integration, linkages, and use. USACE will provide a CD-ROM to Tetra Tech with electronic files from the draft ASR that will be used for the prototype. Ogden indicated that a letter was sent to Foster Miller informing them of the penalties for not responding to the 104e request. Ogden indicated that Susquehanna is now owned by a Belgium company and the Guard legal department believes that the US does not have jurisdiction to administer penalties for non-responsiveness.
- Ogden provided an update on the Rapid Response Action. A one-page summary was distributed. The Draft Delineation Sampling Report and the Brice Soil Washing Treatability Study Report have been distributed to the agencies, however no comments have been received to date. The revised version of Envirogen's Treatability Study Report is undergoing intensive internal review/discussion, and waiting on additional information. Regarding the Containment Pad, the asphalt wear course and curbing have been completed, and temporary water storage tanks have been delivered. The water management system is in-place. Intrusive clearance has been completed at GP-7 and KD Range. APC clearance should be completed today. A 155mm projectile was BIPed yesterday (9/27/00). Intrusive clearance is not required at the J-3 Wetland. Within the KD Range, Ogden has completed soil removal at the Current Rocket Firing Point (12 grids), the Former 90 mm Firing Point (2 grids), and the Former Dragon Firing Point (2 grids), and the remaining 7 grids should be removed today. APC excavation should begin today or tomorrow, depending on UXO clearance completion, as well as GP-7 and the J-3 Wetland. All material should be on the pad by the end of this week. Current and upcoming RRA Implementation Activities include collection of post-excavation soil samples,

construction of the soil washing plant feed ramp, and modification and setup of the soil washing plant. Soil washing of staged excavated soils should begin during the week of 10/16/00.

- Ogden provided an update on the Groundwater Field Investigation. A one-page summary was distributed. Well installation of MW 124 (P-36) and MW 126 (P-28) were completed this week. Drilling will begin this week on MW 128 (LP-1), MW 129 (D1P1), P-32, and J2P-7. Screens may need to be selected for MW 129 on Friday and MW 128 on Monday. Drilling of wells J1P-3, J2P-5, and J3P-1 will begin next week. It was agreed to only collect groundwater profile samples on P-32 (MW-15 drill pad). Continue with the groundwater sampling of round two of the Impact Area response wells MW-85 through MW-107. Ogden indicated that there may be delays in completing this round due to the HUTA UXO exclusion zones. These delays could preclude completion of the 3rd round of sampling by the end of CY2000. EPA indicated that round 2 should be done as soon as possible working around the HUTA safety zones. Commenced the groundwater sampling of the first round of Impact Area interim supplemental wells (MW-108 through MW-115). Ogden continues to develop newly installed wells. UXO clearance of the J1P-3 and J3P-1 drill pads continues, as well as avoidance flagging at tank targets. Next week UXO clearance will be focused on Impact Area well pads, tank targets, and gravity range supplemental BIP grids. This week soil sampling of J-2 Range grids and J1P-2 will be completed and sampling of J-3 Range and tank targets will begin. Grab samples still need to be taken in the J-2 Range. The locations and analyses of soil samples for J1P-3 disposal pits will be determined during the reconnaissance after the meeting. A diagram of the area where the disposal pit was found was distributed. Air and soil samples were collected during the small arms firing at the SE Range on 9/23/00. Recent data for some J2 Range soil samples suggest interferents in the pesticide/PCB analyses. Using the mass spec, the lab has narrowed the interferent compounds to polychlorinated naphthalenes. Preliminary info suggests these compounds may be constituents of a material named Halowax. EPA requests the location where these samples were taken and a summary of the findings. MADEP plans to comment on draft TM 99-6 and the Guard will prepare an RCL when comments are received.
- Ogden presented a table with the newest explosive detections. The detections at MW-59, -86M2, -87M1, and -87M2 were similar to the previous detections at these wells.
- The revised summary of Filtered vs. Unfiltered Inorganics for Selected Wells was still being prepared.
- There was a discussion about presentation of the HUTA data. The EPA requested a cumulative, electronic update every two weeks and an update 1-2 weeks prior to each IART meeting. Tetra Tech has received some data and the first summary will be provided 10/4/00.
- There was a brief discussion on the revised COC Approach for the FS. EPA will organize their official response to the 9/21/00 proposal within the next three weeks. EPA will be directing the Guard to follow a COC identification process similar to that previously presented by EPA. The EPA has no specific comments on the 9/21/00 Demo 1 schedule.
- Ogden distributed a table of the IAGS document status as of 9/27/00. It was agreed that no comments are needed on the UXO Validation Plan or the RRA Delineation Report. Also, EPA does not expect to comment on the MCP Tier Classification submittals. Regarding the 10/2/00 deadline for the final TM 00-2, the Guard will be submitting a request to modify the schedule in accordance with the reporting process described in the 9/21/00 Demo 1 schedule. Also there will be a request to modify the schedule with respect to draft TM 00-5, in accordance with the proposal in the 8/30/00 MOR for the Impact Area Response Plan.
- EPA requested a schedule for work in the J Ranges. Ogden indicated that they could only provide a preliminary schedule because they do not know when Tetra Tech will be working in the Ranges. Tetra Tech will provide a schedule to Ogden next week.
- EPA will have comments on the DU Workplan next week.
- Next weeks Technical meeting will be located at the Falmouth Holiday Inn.

- The Guard indicated that they have been in discussion with local school principals and selectman about the moving of ordnance during school hours. The Guard will discuss at the selectman's meeting tonight.
- A list of the IART Action Items from the September 7 IART meeting and Agenda for the next meeting were distributed and discussed:
  #1 EPA will look into the change to the TOSC program leadership and the funding.
  #2 and #3 DEP will get the information on the UTES inspection and Secretary Durand request sent out before the meeting.
  #4 Guard will get an answer on the off/site transport and disposal of 155mm projectiles.
  #5 The cross section was discussed at the 9/14/00 Tech Meeting and Ogden will prepare a longitudinal cross-section of CS-19 for the meeting. This will be presented at the 10/5/00 meeting if possible.
  #6 EPA will check with JPO about an all-inclusive map of CS-19 and the Impact Area. This item for further discussion on 10/5/00.
  #7 EPA will check with AFCEE on the request that they reconsider their decision to not make the presentation on CS-19 at the IART.
  #8 AFCEE reported to the EPA on the locations and concentrations of 2,4-DNT in soil (done).
  #9 NGB will ensure that copies of the AFCEE CS-19 report (due in early 2001) are distributed to the IART.
  #10 The small arms firing was conducted but no members of the IART attended. Ogden to email CH2M Hill a summary of what was done.
  #11 It was confirmed that the standard procedure has been to cover the craters with plastic after the detonation.
  #12 The EPA comments on the 3/00 and 4/00 BIP Reports addressed this concern.
  #13 Items to be included in 10/19/00 agenda:
    a. Ogden will discuss investigations in the northwest corner of Camp Edwards in the investigation summary.
    b. The Greenway Road Ranges will be covered in the Other section or as a handout.
    c. ASP investigations will be covered under the investigations update section.
    d. EPA will contact JPO for a briefing on the Upper Cape Water Supply ENF and well location
    e. The Guard will discuss the facilitator.
    f. The RRA will be it's own separate agenda item. The agenda will include the RRA, Role of USACE, Munitions Survey, and Groundwater Study.

2. SUMMARY OF DATA RECEIVED

Validated data were received during September for Sample Delivery Groups (SDGs) 334, 335, 342, 343, 345-347, 350, 353-357, 359-363, 365-374, 376, 377, and 379-382. These SDGs contain results for 5 soil samples from UXO detonation craters; 236 groundwater samples from monitoring wells; 150 groundwater profile samples from MW-90, -91, -92, -97, -98, -99, -100, -101, -102, -103, -104, -105, -106, -107, and -109; 259 soil boring samples from the Demo 1 additional deep borings and from response wells MW-93, -94, -98, -99, -100, -101, -102, -103, -104, -105, -106, -107, -108, -109, and –110; and 54 soil grid and/or grab samples from Demo 1, Demo 2, gun/mortar control areas, the Popper Kettle, and GS-6.

Validated Data

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

- Figure 1 shows the results of explosive analyses by EPA Method 8330

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

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

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

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

Figure 1: Explosives in Groundwater Compared to MCLs/HAs

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

- Demo Area 1 (wells 19, 31, 34, 73, 76, and 77);
- the Impact Area and CS-19 (wells 58MW0002, 58MW0009E, 1, 2, 23, 25, 37, 38, 40, 85, 86, 87, 88, 89, 90, 91, 93, 95, 98, 99, 100, 101, 105, and 107);
- southeast of the J Ranges (wells 90MW0022, 90WT0013); and
- at the steel-lined pit (well 58).

Exceedances of drinking water criteria were measured for 2,4,6-trinitrotoluene (TNT) at Demo Area 1 (wells 19S and 31S), and for hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) at all of the locations listed

above. One of the exceedance wells, 90WT0013, has had no detectable RDX in the last three sample rounds (1/99, 10/99, and 8/00).

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

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

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

Figure 2: Metals in Groundwater Compared to MCLs/HAs

Exceedances of drinking water criteria for metals are scattered throughout the study area. Where two or more rounds of sampling data are available, the exceedances generally have not been replicated in consecutive sampling rounds. The exceedances have been measured for antimony, arsenic, cadmium, chromium, lead, molybdenum, sodium, thallium and zinc. None of the 11 antimony exceedances were repeated in consecutive sampling rounds. Arsenic (in well 7M1), cadmium (52M3), and chromium (7M1) each had one exceedance in a single sampling round. The three lead exceedances (wells 2S, 7M1, and ASP) were not repeated in consecutive sampling rounds. Thirteen of the 39 molybdenum exceedances were repeated in consecutive sampling rounds (wells 2S, 2D, 13D, 16D, 46M2, 52D, 52M3, 53M1, 53D, 54M2, 54S, 55D, and 57S). Molybdenum concentrations declined in 12 of these 13 wells. Two of the 13 sodium exceedances were repeated in consecutive sampling rounds (wells 2S and SDW261160). Seven of the 48 thallium exceedances were repeated in consecutive sampling rounds (wells 7M1, 7M2, 47M2, 52S, 52D, 54S, and 54M1). Zinc exceeded the HA in seven wells, all of which are constructed of galvanized (zinc-coated) steel.

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

Figure 3: VOCs in Groundwater Compared to MCLs/HAs

Exceedances of drinking water criteria for VOCs are indicated in three general areas: CS-10 (wells 03MW0007A, 03MW0014A, and 03MW0020), LF-1 (well 27MW0017B), and FS-12 (wells MW-45S, 90MW0003, and ECMWSNP02D). CS-10, LF-1, and FS-12 are sites located near the southern extent of

the Training Ranges that are currently under investigation by AFCEE under the Superfund program. Exceedances of drinking water criteria were measured for tetrachloroethylene (PCE) at CS-10, for vinyl chloride at LF-1, and for toluene, 1,2-dichloroethane, and ethylene dibromide (EDB) at FS-12. These compounds are believed to be associated with the sites under investigation by AFCEE.

Figure 4: SVOCs in Groundwater Compared to MCLs/HAs

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

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

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

There was one exceedance of drinking water criteria for 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.

Rush (Non-Validated) Data

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

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

- The discrete soil sample from the detonation crater from a 40-mm round at the J-2 Range had a detection of PETN, which was not verified by the PDA spectra.

- The discrete soil sample from the detonation crater from a 105-mm round at the P-19 drill pad had detections of PETN and 2A-DNT. The 2A-DNT detection was verified by PDA spectra.

- The groundwater sample from MW-30S had a detection of HMX, which was verified by PDA spectra. This detection was similar to previous sampling rounds.

- The groundwater samples from MW-58S, MW-59S, MW-87M1, MW-88M2, MW-89M2, and MW-108M4, had detections of RDX and HMX, which were verified by PDA spectra. The detections in MW-88M2 and MW-89M2 are similar to previous sampling rounds. The detections in MW-108M4 were in the first sampling round but were similar to profile results.

- The groundwater samples from MW-37M2, MW-37M3, MW-40M1, MW-86S, MW-86M2, MW-87M2, MW-89M1, MW-89M3, and MW-95M1 had detections of RDX which were verified by PDA spectra. These detections were similar to the previous sampling round except at MW-89M3, which had no previous detection of explosives.

- The groundwater sample from MW-44S had a detection of 4a-DNT, which was verified by PDA spectra. This detection was similar to previous sampling rounds.

- The groundwater sample from MW-45S had detections of 1,2-dibromo-3-chloropropanol, 1,2-dichlorobenzene, acetone, chloroethane, chloromethane, ethylbenzene, methylene chloride, toluene, trans-1,3-dichloropropene, xylene, 1,3,5-TNB, 2,6-DNT, 2a-DNT, 2-nitrotoluene, 3-nitrotoluene, 4-nitrotoluene, 4a-DNT, nitroglycerin, and picric acid. The explosive detects were not verified by the PDA spectra.

- The groundwater sample from MW-73S had detections of TNT, 2a-DNT, 4a-DNT, RDX, and HMX, which were verified by PDA spectra. These detections were similar to the previous sampling round.

- The groundwater profile samples from MW-118 had detections of acetone (6 intervals), chloroform (3 intervals), MEK (5 intervals), toluene (1 interval), and 2a-DNT (1 interval), which were not verified by the PDA spectra.

- The groundwater profile samples from MW-120 had detections of acetone (23 intervals), chloroform (17 intervals), chloromethane (14 intervals), MEK (20 intervals), 2-hexanone (10 intervals), MIBK (3 intervals), chloroethane (2 intervals), benzene (2 intervals), 1,4-dichlorobenzene (1 interval), TNT (1 interval), 2,6-DNT (7 intervals), 2-nitrotoluene (1 interval), 3-nitrotoluene (1 interval), 4-nitrotoluene (1 interval), picric acid (4 intervals), PETN (4 intervals), 2a-DNT (1 interval), 4a-DNT (1 interval), and nitroglycerin (4 intervals). Five of the 2,6-DNT detections were verified by the PDA spectra.

- The groundwater profile samples from MW-123 had detections of TNT (1 interval), 2,6-DNT (1 interval), 3-nitrotoluene (1 interval), 4-nitrotoluene (1 interval), picric acid (1 interval), 2a-DNT (2 intervals), and nitroglycerin (4 intervals), which were not verified by the PDA spectra.

- The groundwater profile samples from MW-124 had detections of 2a-DNT (2 intervals), 2-nitortoluene (1 interval), PETN (1 interval), and picric acid (1 interval), which were not verified by the PDA spectra.

- The groundwater profile samples from MW-125 had detections of acetone (19 intervals), benzene (1 interval), chlorobenzene (1 interval), chloroethane (1 interval), chloromethane (1 interval), MEK (12 intervals), chloroform (13 intervals), toluene (3 intervals), 2,6-DNT (1 interval), picric acid (3 intervals), and nitroglycerin (7 intervals). The explosive detections were not verified by the PDA spectra.

- The groundwater profile samples from MW-126 had detections of 1,2,4-trichlorobenzene (2 intervals, acetone (18 intervals), MEK (18 intervals), chloroethane (1 interval), chloroform (8 intervals), PCE (2 intervals), 2,6-DNT (4 intervals), and nitroglycerin (2 intervals). The 2,6-DNT detections were verified by PDA spectra, the other explosive detections were not verified.

- The groundwater profile samples from MW-128 had detections of 1,2,4-trichlorobenzene (4 intervals, acetone (8 intervals), MEK (5 intervals), chloroform (13 intervals), 2,6-DNT (1 interval), and nitroglycerin (1 interval). The 2,6-DNT detection was verified by PDA spectra.

- The groundwater profile samples from MW-129 had detections of nitroglycerin (6 intervals), RDX (3 intervals), and picric acid (1 interval). The RDX detections were verified by PDA spectra.

- The initial groundwater profile samples from MW-130 had detections of acetone (5 intervals), MEK (5 intervals), PCE (1 interval), and 4A-DNT (1 interval). The 4A-DNT detection was verified by PDA spectra.

- The initial groundwater profile samples from MW-15A had detections of nitroglycerin (5 intervals), none of which were verified by PDA.

- The soil from the additional grid at the APC on Turpentine Road had detections of TNT, 2a-DNT, and 4a-DNT, which were verified by PDA spectra.

3. DELIVERABLES SUBMITTED

Deliverables submitted during the reporting period include the following:

Draft 3/00 BIP Report	09/06/00
Weekly Progress Update (Aug 28-Sept 1)	09/08/00
Monthly Progress Report #41 (August 2000)	09/11/00
Weekly Progress Update (Sept 4-Sept 8)	09/15/00
Final Tech Memo 00-1 Evaluation of Ground Scars…	09/18/00
Draft 4/00 BIP Report	09/18/00
Weekly Progress Update (Sept 11-Sept 15)	09/22/00

4. SCHEDULED ACTIONS

Figure 6 provides a Gantt chart updated to reflect progress and proposed work. Several changes are underway in the approved schedule, especially for the activities in Demo Area 1, the Central Impact Area, the J-2 Range, and the J-1/J-3 Ranges. Where there are significant schedule changes underway or expected, the subject activities have been temporarily removed from Figure 6 in order to avoid showing either an outdated schedule that is not realistic or a proposed new schedule that is not yet approved by EPA. These activities will be restored to the schedule when changes have been approved. Activities scheduled for October and early November include:

- Complete Demo 1 Groundwater Contaminants of Concern
- Complete Demo 1 Soil Investigations
- Continue J-2 Range soil/groundwater and geophysics investigations
- Continue J-1/J-3/L Range soil/groundwater and geophysics investigations
- Continue Revising Gun/mortar Draft Report (TM 00-3)
- Continue Revising Mortar Targets Draft Report (TM 00-4)
- Start Training Areas Field Investigation
- Complete HUTA-1 Final Workplan
- Continue HUTA-1 investigation
- Continue groundwater monitoring programs
- Complete Geophysics Draft Report
- Continue RRA Innovative Treatment

5. SUMMARY OF ACTIVITIES FOR DEMO 1

The regulatory agencies have provided comments on the draft FS Workplan for AO3 (including Demo 1) and the draft technical memorandum for the Demo 1 response actions, and the Guard's responses to comments on both documents are being discussed with the agencies.

Validation of munitions survey results by excavation of selected anomalies was completed. Additional deep soil sampling, in accordance with the sampling plan in the draft FS Workplan, will be completed following documentation of the validation results. The Guard will prepare a plan to address the burn pit discovered in Demo 1.

Groundwater profile results for MW-129 (D1P-1), which is located south of MW-114 on the south side of Poccasset-Forestdale Road, indicate that the boring is located along the southern fringe of the Demo 1 RDX plume. Monitoring wells were installed at this location during the reporting period and will be sampled following development. The proposed location for response well D1P-2 will be discussed with the agencies based on the profile results.

TABLE 2
SAMPLING PROGRESS
9/1/2000-9/30/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
AIRSRANGE-B	AIRSRANGE-B	09/23/2000	AIR				
AIRSRANGE-D	AIRSRANGE-D	09/23/2000	AIR				
AIRSRANGE-U	AIRSRANGE-U	09/23/2000	AIR				
HCJ1DP1	HCJ1DP1	09/29/2000	CRATER GRAB	0.00	0.25		
HCJ1DP1S	HCJ1DP1S	09/29/2000	CRATER GRAB	0.00	0.25		
HDAPC4.2IN	HDAPC4.2IN	09/29/2000	CRATER GRAB	0.00	0.25		
HDDEMO17IN	HDDEMO17IN	09/11/2000	CRATER GRAB	0.00	0.25		
HDJ1105MM	HDJ1105MM	09/29/2000	CRATER GRAB	0.00	0.25		
HDJ181MM	HDJ181MM	09/11/2000	CRATER GRAB	0.00	0.25		
HDJ240MM1	HDJ240MM1	09/11/2000	CRATER GRAB	0.00	0.25		
HDJ32.36RKT	HDJ32.36RKT	09/11/2000	CRATER GRAB	0.00	0.25		
HDJ360MM	HDJ360MM	09/11/2000	CRATER GRAB	0.00	0.25		
HDKD40MM	HDKD40MM	09/25/2000	CRATER GRAB	0.00	0.25		
HDP19105MM1SS1	HDP19105MM1SS1	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM1SS2	HDP19105MM1SS2	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM1SS3	HDP19105MM1SS3	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM1SS4	HDP19105MM1SS4	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM1SS5	HDP19105MM1SS5	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM1SS6	HDP19105MM1SS6	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM1SS7	HDP19105MM1SS7	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM1SS8	HDP19105MM1SS8	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM2SS1	HDP19105MM2SS1	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM2SS2	HDP19105MM2SS2	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM2SS3	HDP19105MM2SS3	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM2SS4	HDP19105MM2SS4	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM2SS5	HDP19105MM2SS5	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM2SS6	HDP19105MM2SS6	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM2SS7	HDP19105MM2SS7	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MM2SS8	HDP19105MM2SS8	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MMSS1	HDP19105MMSS1	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MMSS2	HDP19105MMSS2	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MMSS3	HDP19105MMSS3	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MMSS4	HDP19105MMSS4	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MMSS5	HDP19105MMSS5	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MMSS6	HDP19105MMSS6	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MMSS7	HDP19105MMSS7	09/20/2000	CRATER GRID	0.00	0.25		
HDP19105MMSS8	HDP19105MMSS8	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS1	HDT981MMSS1	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS2	HDT981MMSS2	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS3	HDT981MMSS3	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS4	HDT981MMSS4	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS4D	HDT981MMSS4	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS5	HDT981MMSS5	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS6	HDT981MMSS6	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS7	HDT981MMSS7	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS8	HDT981MMSS8	09/20/2000	CRATER GRID	0.00	0.25		
HDT981MMSS8D	HDT981MMSS8	09/20/2000	CRATER GRID	0.00	0.25		
0.G.0.00004.0.E	FIELDQC	09/05/2000	FIELDQC	0.00	0.00		
0.G.0.00004.0.F	FIELDQC	09/27/2000	FIELDQC	0.00	0.00		

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

TABLE 2
SAMPLING PROGRESS
9/1/2000-9/30/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
0.G.0.00005.0.E	FIELDQC	09/06/2000	FIELDQC	0.00	0.00		
0.G.0.00006.0.E	FIELDQC	09/06/2000	FIELDQC	0.00	0.00		
0.G.0.00007.0.E	FIELDQC	09/29/2000	FIELDQC	0.00	0.00		
0.G.0.00009.0.T	FIELDQC	09/05/2000	FIELDQC	0.00	0.00		
0.G.0.00011.0.T	FIELDQC	09/06/2000	FIELDQC	0.00	0.00		
0.G.0.00012.0.T	FIELDQC	09/06/2000	FIELDQC	0.00	0.00		
0.G.0.00013.0.T	FIELDQC	09/15/2000	FIELDQC	0.00	0.00		
0.G.0.00014.0.T	FIELDQC	09/18/2000	FIELDQC	0.00	0.00		
0.G.0.00015.0.T	FIELDQC	09/25/2000	FIELDQC	0.00	0.00		
0.G.0.00016.0.T	FIELDQC	09/27/2000	FIELDQC	0.00	0.00		
0.G.0.00017.0.T	FIELDQC	09/29/2000	FIELDQC	0.00	0.00		
90MW0022E	FIELDQC	09/15/2000	FIELDQC	0.00	0.00		
95-15AE	FIELDQC	09/20/2000	FIELDQC	0.00	0.00		
95-6BE	FIELDQC	09/13/2000	FIELDQC	0.00	0.00		
95-6ESE	FIELDQC	09/14/2000	FIELDQC	0.00	0.00		
95-6EST	FIELDQC	09/14/2000	FIELDQC	0.00	0.00		
97-5E	FIELDQC	09/11/2000	FIELDQC	0.00	0.00		
BHW215083BE	FIELDQC	09/12/2000	FIELDQC	0.00	0.00		
BHW215083BT	FIELDQC	09/12/2000	FIELDQC	0.00	0.00		
BHW215083E	FIELDQC	09/12/2000	FIELDQC	0.00	0.00		
G120DLE	FIELDQC	09/01/2000	FIELDQC	0.00	0.00		
G120DMT	FIELDQC	09/01/2000	FIELDQC	0.00	0.00		
G120DNT	FIELDQC	09/05/2000	FIELDQC	0.00	0.00		
G120DRE	FIELDQC	09/05/2000	FIELDQC	0.00	0.00		
G120DSE	FIELDQC	09/06/2000	FIELDQC	0.00	0.00		
G120DST	FIELDQC	09/06/2000	FIELDQC	0.00	0.00		
G124DAE	FIELDQC	09/12/2000	FIELDQC	0.00	0.00		
G124DIE	FIELDQC	09/13/2000	FIELDQC	0.00	0.00		
G125DHF	FIELDQC	09/14/2000	FIELDQC	0.00	0.00		
G125DNE	FIELDQC	09/15/2000	FIELDQC	0.00	0.00		
G125DPE	FIELDQC	09/18/2000	FIELDQC	0.00	0.00		
G125DPT	FIELDQC	09/18/2000	FIELDQC	0.00	0.00		
G126DAE	FIELDQC	09/14/2000	FIELDQC	0.00	0.00		
G126DAT	FIELDQC	09/15/2000	FIELDQC	0.00	0.00		
G126DEE	FIELDQC	09/19/2000	FIELDQC	0.00	0.00		
G126DET	FIELDQC	09/19/2000	FIELDQC	0.00	0.00		
G126DGE	FIELDQC	09/20/2000	FIELDQC	0.00	0.00		
G126DRT	FIELDQC	09/20/2000	FIELDQC	0.00	0.00		
G128DAE	FIELDQC	09/27/2000	FIELDQC	0.00	0.00		
G128DGE	FIELDQC	09/28/2000	FIELDQC	0.00	0.00		
G128DOE	FIELDQC	09/29/2000	FIELDQC	0.00	0.00		
G128DOT	FIELDQC	09/29/2000	FIELDQC	0.00	0.00		
G129DIE	FIELDQC	09/27/2000	FIELDQC	0.00	0.00		
HC101JB1AAE	FIELDQC	09/21/2000	FIELDQC	0.00	0.00		
HC101JB1AAT	FIELDQC	09/21/2000	FIELDQC	0.00	0.00		
HC101KA1AAE	FIELDQC	09/19/2000	FIELDQC	0.00	0.00		
HC101KC1BAE	FIELDQC	09/20/2000	FIELDQC	0.00	0.00		
HC102IA1AAE	FIELDQC	09/22/2000	FIELDQC	0.00	0.00		
HC102IA1AAT	FIELDQC	09/22/2000	FIELDQC	0.00	0.00		

Profiling methods include: Volatiles and Explosives
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9/1/2000-9/30/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC102IG1AAE	FIELDQC	09/25/2000	FIELDQC	0.00	0.00		
HC102IG1AAT	FIELDQC	09/25/2000	FIELDQC	0.00	0.00		
HC102IO1AAE	FIELDQC	09/26/2000	FIELDQC	0.00	0.00		
HC102IO1AAT	FIELDQC	09/26/2000	FIELDQC	0.00	0.00		
HC102LD1AAE	FIELDQC	09/27/2000	FIELDQC	0.00	0.00		
HC102LD1AAT	FIELDQC	09/27/2000	FIELDQC	0.00	0.00		
HC14TA1AAT	FIELDQC	09/28/2000	FIELDQC	0.00	0.00		
HCAPC2EAAE	FIELDQC	09/05/2000	FIELDQC	0.00	0.00		
HCSEB1BAE	FIELDQC	09/23/2000	FIELDQC	0.00	0.00		
HD107A1AAE	FIELDQC	09/29/2000	FIELDQC	0.00	0.00		
HDPE44CC1AAE	FIELDQC	09/28/2000	FIELDQC	0.00	0.00		
HDPE44L1AAE	FIELDQC	09/29/2000	FIELDQC	0.00	0.00		
HE14TH1BAT	FIELDQC	09/28/2000	FIELDQC	0.00	0.00		
S122DCE	FIELDQC	09/06/2000	FIELDQC	0.00	0.00		
S123DCE	FIELDQC	09/08/2000	FIELDQC	0.00	0.00		
S123DDE	FIELDQC	09/11/2000	FIELDQC	0.00	0.00		
S123DDT	FIELDQC	09/11/2000	FIELDQC	0.00	0.00		
S123DNE	FIELDQC	09/12/2000	FIELDQC	0.00	0.00		
S124DCT	FIELDQC	09/08/2000	FIELDQC	0.00	0.00		
S125DCE	FIELDQC	09/13/2000	FIELDQC	0.00	0.00		
S126DAE	FIELDQC	09/14/2000	FIELDQC	0.00	0.00		
S126DCT	FIELDQC	09/13/2000	FIELDQC	0.00	0.00		
S126DLE	FIELDQC	09/18/2000	FIELDQC	0.00	0.00		
S130DDE	FIELDQC	09/28/2000	FIELDQC	0.00	0.00		
SDW263111E	FIELDQC	09/19/2000	FIELDQC	0.00	0.00		
SMR-2E	FIELDQC	09/18/2000	FIELDQC	0.00	0.00		
SYRINGE-ER	FIELDQC	09/27/2000	FIELDQC	0.00	0.00		
W12SST	FIELDQC	09/07/2000	FIELDQC	0.00	0.00		
1.B.1.00431.3.0	1.B.1.00431.3.0	09/14/2000	GAUZE WIPE				
1.B.1.00440.3.0	1.B.1.00440.3.0	09/14/2000	GAUZE WIPE				
1.B.1.00441.3.0	1.B.1.00441.3.0	09/14/2000	GAUZE WIPE				
1.C.1.00430.3.0	1.C.1.00430.3.0	09/15/2000	GAUZE WIPE				
1.C.1.00433.3.0	1.C.1.00433.3.0	09/15/2000	GAUZE WIPE				
1.C.1.00438.3.0	1.C.1.00438.3.0	09/15/2000	GAUZE WIPE				
1.C.1.00439.3.0	1.C.1.00439.3.0	09/15/2000	GAUZE WIPE				
1.C.1.00439.3.D	1.C.1.00439.3.0	09/15/2000	GAUZE WIPE				
1.C.1.00443.3.0	1.C.1.00443.3.0	09/27/2000	GAUZE WIPE				
1.D.1.00432.3.0	1.D.1.00432.3.0	09/15/2000	GAUZE WIPE				
1.D.1.00434.3.0	1.D.1.00434.3.0	09/15/2000	GAUZE WIPE				
1.D.1.00435.3.0	1.D.1.00435.3.0	09/15/2000	GAUZE WIPE				
1.D.1.00436.3.0	1.D.1.00436.3.0	09/15/2000	GAUZE WIPE				
1.D.1.00437.3.0	1.D.1.00437.3.0	09/15/2000	GAUZE WIPE				
1.D.1.00438.3.0	1.D.1.00438.3.0	09/15/2000	GAUZE WIPE				
1.D.1.00442.3.0	1.D.1.00442.3.0	09/15/2000	GAUZE WIPE				
J1.A.2.00001.3.0	J1.A.2.00001.3.0	09/01/2000	GAUZE WIPE				
J1.A.2.00003.3.0	J1.A.2.00003.3.0	09/01/2000	GAUZE WIPE				
J1.A.2.00005.3.0	J1.A.2.00005.3.0	09/01/2000	GAUZE WIPE				
J1.A.2.00007.1.0	J1.A.2.00007.1.0	09/01/2000	GAUZE WIPE				
J1.A.2.00007.2.0	J1.A.2.00007.2.0	09/01/2000	GAUZE WIPE				

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
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TABLE 2
SAMPLING PROGRESS
9/1/2000-9/30/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
J1.A.2.00008.2.0	J1.A.2.00008.2.0	09/01/2000	GAUZE WIPE				
J1.A.2.00009.3.0	J1.A.2.00009.3.0	09/01/2000	GAUZE WIPE				
J1.A.2.00011.3.0	J1.A.2.00011.3.0	09/01/2000	GAUZE WIPE				
J1.A.2.00013.3.0	J1.A.2.00013.3.0	09/01/2000	GAUZE WIPE				
J1.A.2.00013.3.D	J1.A.2.00013.3.0	09/01/2000	GAUZE WIPE				
J1.A.2.00016.3.0	J1.A.2.00016.3.0	09/01/2000	GAUZE WIPE				
J1.A.2.00017.3.0	J1.A.2.00017.3.0	09/01/2000	GAUZE WIPE				
J1.A.2.00022.2.0	J1.A.2.00022.2.0	09/01/2000	GAUZE WIPE				
J1.A.2.00023.2.0	J1.A.2.00023.2.0	09/01/2000	GAUZE WIPE				
J1.A.2.00024.3.0	J1.A.2.00024.3.0	09/01/2000	GAUZE WIPE				
J1.A.2.00026.2.0	J1.A.2.00026.2.0	09/01/2000	GAUZE WIPE				
J1.A.2.00028.3.0	J1.A.2.00028.3.0	09/01/2000	GAUZE WIPE				
J1.A.2.00028.3.D	J1.A.2.00028.3.0	09/01/2000	GAUZE WIPE				
J1.A.2.00032.3.0	J1.A.2.00032.3.0	09/01/2000	GAUZE WIPE				
J1.A.2.00034.2.0	J1.A.2.00034.2.0	09/01/2000	GAUZE WIPE				
J1.A.2.00035.3.0	J1.A.2.00035.3.0	09/01/2000	GAUZE WIPE				
J1.A.2.00036.2.0	J1.A.2.00036.2.0	09/01/2000	GAUZE WIPE				
J1.A.2.00037.2.0	J1.A.2.00037.2.0	09/01/2000	GAUZE WIPE				
J1.A.2.00038.3.0	J1.A.2.00038.3.0	09/01/2000	GAUZE WIPE				
J1.A.2.00039.3.0	J1.A.2.00039.3.0	09/01/2000	GAUZE WIPE				
J1.A.2.00040.3.0	J1.A.2.00040.3.0	09/01/2000	GAUZE WIPE				
J1.A.2.00041.3.0	J1.A.2.00041.3.0	09/01/2000	GAUZE WIPE				
J1.A.2.00043.2.0	J1.A.2.00043.2.0	09/01/2000	GAUZE WIPE				
J1.A.2.00044.2.0	J1.A.2.00044.2.0	09/01/2000	GAUZE WIPE				
J1.A.2.00044.2.D	J1.A.2.00044.2.0	09/01/2000	GAUZE WIPE				
J1.A.2.00045.2.0	J1.A.2.00045.2.0	09/01/2000	GAUZE WIPE				
J1.A.2.00046.2.0	J1.A.2.00046.2.0	09/01/2000	GAUZE WIPE				
J1.A.2.00048.2.0	J1.A.2.00048.2.0	09/01/2000	GAUZE WIPE				
J1.A.2.00050.2.0	J1.A.2.00050.2.0	09/01/2000	GAUZE WIPE				
J1.A.2.00050.2.D	J1.A.2.00050.2.0	09/01/2000	GAUZE WIPE				
J1.A.2.00052.2.0	J1.A.2.00052.2.0	09/01/2000	GAUZE WIPE				
J1.A.2.00056.3.0	J1.A.2.00056.3.0	09/25/2000	GAUZE WIPE				
J1.A.2.00057.3.0	J1.A.2.00057.3.0	09/25/2000	GAUZE WIPE				
J1.A.2.00058.3.0	J1.A.2.00058.3.0	09/25/2000	GAUZE WIPE				
J1.A.2.00062.3.0	J1.A.2.00062.3.0	09/25/2000	GAUZE WIPE				
J1.B.2.00053.2.0	J1.B.2.00053.2.0	09/28/2000	GAUZE WIPE				
J1.B.2.00061.2.0	J1.B.2.00061.2.0	09/28/2000	GAUZE WIPE				
J1.B.2.00064.2.0	J1.B.2.00064.2.0	09/28/2000	GAUZE WIPE				
J2.A.1.00002.2.0	J2.A.1.00002.2.0	09/25/2000	GAUZE WIPE				
J2.A.1.0002.2.D	J2.A.1.0002.2.0	09/25/2000	GAUZE WIPE				
TA.A.2.00002.3.0	TA.A.2.00002.3.0	09/25/2000	GAUZE WIPE				
27MW0108A	27MW0108A	09/15/2000	GROUNDWATER				
90MW0022	90MW0022	09/15/2000	GROUNDWATER	115.50	120.50	62.20	67.20
95-15A	95-15A	09/20/2000	GROUNDWATER	189.00	199.00	140.00	150.00
95-15AD	95-15	09/20/2000	GROUNDWATER	189.00	199.00	140.00	150.00
95-15C	95-15C	09/08/2000	GROUNDWATER	147.00	157.00	78.16	88.16
95-6A	95-6A	09/12/2000	GROUNDWATER	175.00	185.00	145.44	155.44
95-6B	95-6B	09/13/2000	GROUNDWATER	114.00	124.00	88.48	98.48
95-6ES	95-6ES	09/14/2000	GROUNDWATER	38.00	48.00	0.00	10.00

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
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
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TABLE 2
SAMPLING PROGRESS
9/1/2000-9/30/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
97-1	97-1	09/12/2000	GROUNDWATER	73.50	83.50	51.48	61.48
97-3	97-3	09/11/2000	GROUNDWATER	89.00	97.00	47.49	57.49
97-5	97-5	09/11/2000	GROUNDWATER	88.00	98.00	78.97	88.97
BHW215083A	BHW215083A	09/11/2000	GROUNDWATER	74.00	84.00	15.50	25.50
BHW215083B	BHW215083B	09/12/2000	GROUNDWATER	75.00	85.00	16.50	26.50
BHW215083C	BHW215083C	09/14/2000	GROUNDWATER	273.00	283.00	114.50	124.50
BHW215083D	BHW215083D	09/14/2000	GROUNDWATER	142.00	152.00	83.60	93.60
CEMETERY1	CEMETERY1	09/15/2000	GROUNDWATER				
CEMETERY2	CEMETERY2	09/15/2000	GROUNDWATER				
LRMW0003	LRMW0003	09/20/2000	GROUNDWATER	100.00	110.00	74.75	84.75
SDW263111	SDW263111	09/19/2000	GROUNDWATER	99.00	109.00	5.00	15.00
SMR-2	SMR-2	09/18/2000	GROUNDWATER	121.00	131.00	15.50	25.50
SMR-4	SMR-4	09/13/2000	GROUNDWATER	103.50	113.50	6.00	16.00
W02SSA	MW-2	09/18/2000	GROUNDWATER	137.00	147.00	0.00	10.00
W06SSA	MW-6	09/13/2000	GROUNDWATER	106.00	116.00	0.00	10.00
W102M1A	MW-102	09/19/2000	GROUNDWATER	267.00	277.00	121.32	131.32
W102M2A	MW-102	09/19/2000	GROUNDWATER	237.00	247.00	91.19	101.19
W102SSA	MW-102	09/15/2000	GROUNDWATER	145.00	155.00	0.00	10.00
W103M1A	MW-103	09/15/2000	GROUNDWATER	298.00	308.00	153.80	163.80
W103M2A	MW-103	09/15/2000	GROUNDWATER	282.00	292.00	137.80	147.80
W103SSA	MW-103	09/15/2000	GROUNDWATER	143.00	153.00	0.00	10.00
W108DDA	MW-108	09/22/2000	GROUNDWATER	317.00	327.00	150.50	160.50
W108M1A	MW-108	09/23/2000	GROUNDWATER	297.00	307.00	130.06	140.06
W108M2A	MW-108	09/22/2000	GROUNDWATER	282.00	292.00	115.45	125.45
W108M3A	MW-108	09/22/2000	GROUNDWATER	262.00	272.00	95.46	105.46
W108M4A	MW-108	09/22/2000	GROUNDWATER	240.00	250.00	73.41	83.41
W110M1A	MW-110	09/25/2000	GROUNDWATER	315.00	325.00	139.00	149.00
W110M2A	MW-110	09/22/2000	GROUNDWATER	248.50	258.50	72.50	82.50
W112M1A	MW-112	09/26/2000	GROUNDWATER	195.00	205.00	54.35	64.35
W112M2A	MW-112	09/26/2000	GROUNDWATER	165.00	175.00	24.20	34.20
W113M1A	MW-113	09/26/2000	GROUNDWATER	240.00	250.00	95.90	105.90
W113M2A	MW-113	09/26/2000	GROUNDWATER	190.00	200.00	47.14	57.14
W12SSA	MW-12	09/11/2000	GROUNDWATER	97.00	107.00	0.00	10.00
W13DDA	MW-13	09/07/2000	GROUNDWATER	220.00	225.00	141.70	146.70
W13SSA	MW-13	09/06/2000	GROUNDWATER	73.00	83.00	0.00	10.00
W17DDA	MW-17	09/20/2000	GROUNDWATER	320.00	330.00	192.20	202.20
W29SSA	MW-29	09/06/2000	GROUNDWATER	98.50	108.50	0.00	10.00
W29SSA	MW-29	09/07/2000	GROUNDWATER	98.50	108.50	0.00	10.00
W30SSA	MW-30	09/07/2000	GROUNDWATER	26.00	36.00	0.00	10.00
W30SSA	MW-30	09/07/2000	GROUNDWATER	26.00	36.00	0.00	10.00
W36SSA	MW-36	09/20/2000	GROUNDWATER	73.00	83.00	0.00	10.00
W39SSA	MW-39	09/08/2000	GROUNDWATER	131.00	141.00	0.00	10.00
W40M1A	MW-40	09/01/2000	GROUNDWATER	132.50	142.50	11.00	21.00
W40SSA	MW-40	09/01/2000	GROUNDWATER	115.50	125.50	0.00	10.00
W41M3A	MW-41	09/13/2000	GROUNDWATER	124.00	134.00	0.00	10.00
W44M1A	MW-44	09/01/2000	GROUNDWATER	182.00	192.00	52.56	62.56
W44SSA	MW-44	09/01/2000	GROUNDWATER	123.00	133.00	0.00	10.00
W45M2A	MW-45	09/01/2000	GROUNDWATER	110.00	120.00	15.18	25.18
W46SSA	MW-46	09/12/2000	GROUNDWATER	154.00	164.00	0.00	10.00

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
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TABLE 2
SAMPLING PROGRESS
9/1/2000-9/30/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W50SSA	MW-50	09/07/2000	GROUNDWATER	114.00	124.00	0.00	10.00
W55SSA	MW-55	09/11/2000	GROUNDWATER	133.00	143.00	0.00	10.00
W56DDA	MW-56	09/05/2000	GROUNDWATER	176.00	186.00	97.07	107.07
W56M1A	MW-56	09/05/2000	GROUNDWATER	156.00	166.00	77.07	87.07
W56M2A	MW-56	09/06/2000	GROUNDWATER	131.00	141.00	52.07	62.07
W56M2D	MW-56	09/06/2000	GROUNDWATER	131.00	141.00	52.07	62.07
W56M3A	MW-56	09/05/2000	GROUNDWATER	106.00	116.00	27.30	37.30
W56M3D	MW-56	09/05/2000	GROUNDWATER	106.00	116.00	27.30	37.30
W56SSA	MW-56	09/05/2000	GROUNDWATER	76.00	86.00	0.00	10.00
W58SSA	MW-58	09/05/2000	GROUNDWATER	100.00	110.00	0.00	10.00
W59M1A	MW-59	09/15/2000	GROUNDWATER	165.00	170.00	28.90	33.90
W59M2A	MW-59	09/18/2000	GROUNDWATER	150.00	160.00	13.98	23.98
W59SSA	MW-59	09/18/2000	GROUNDWATER	128.00	138.00	0.00	10.00
W61SSA	MW-61	09/01/2000	GROUNDWATER	98.00	108.00	0.00	10.00
W62SSA	MW-62	09/01/2000	GROUNDWATER	108.00	118.00	0.00	10.00
W64SSA	MW-64	09/19/2000	GROUNDWATER	87.00	97.00	0.00	10.00
W72SSA	MW-72	09/01/2000	GROUNDWATER	106.00	116.00	0.00	10.00
W73SSA	MW-73	09/05/2000	GROUNDWATER	39.00	49.00	0.00	10.00
W86M1A	MW-86	09/14/2000	GROUNDWATER	208.00	218.00	62.20	72.20
W86M2A	MW-86	09/14/2000	GROUNDWATER	158.00	168.00	12.15	22.15
W86M2D	MW-86	09/14/2000	GROUNDWATER	158.00	168.00	12.15	22.15
W86SSA	MW-86	09/18/2000	GROUNDWATER	143.00	153.00	0.00	10.00
W87M1A	MW-87	09/14/2000	GROUNDWATER	194.00	204.00	59.50	69.50
W87M2A	MW-87	09/14/2000	GROUNDWATER	169.00	179.00	34.40	44.40
W87M2D	MW-87	09/14/2000	GROUNDWATER	169.00	179.00	34.40	44.40
W87M3A	MW-87	09/14/2000	GROUNDWATER	140.00	150.00	0.00	10.00
W88M1A	MW-88	09/20/2000	GROUNDWATER	233.00	234.00	89.76	90.76
W88M2A	MW-88	09/21/2000	GROUNDWATER	213.00	223.00	99.80	109.80
W88M3A	MW-88	09/21/2000	GROUNDWATER	173.00	183.00	59.74	69.74
W89M1A	MW-89	09/21/2000	GROUNDWATER	234.00	244.00	89.30	99.30
W89M2A	MW-89	09/21/2000	GROUNDWATER	214.00	224.00	78.10	88.10
W89M3A	MW-89	09/21/2000	GROUNDWATER	174.00	184.00	29.00	39.00
W92M1A	MW-92	09/25/2000	GROUNDWATER	165.00	175.00	23.80	33.80
W92M1D	MW-92	09/25/2000	GROUNDWATER	165.00	175.00	23.80	33.80
W92SSA	MW-92	09/25/2000	GROUNDWATER	139.00	149.00	0.00	10.00
W95M1A	MW-95	09/21/2000	GROUNDWATER	202.00	212.00	74.70	84.70
W95M1D	MW-95	09/21/2000	GROUNDWATER	202.00	212.00	74.70	84.70
W95M2A	MW-95	09/22/2000	GROUNDWATER	167.00	177.00	39.40	49.40
W95SSA	MW-95	09/21/2000	GROUNDWATER	125.00	135.00	0.00	10.00
W96M1A	MW-96	09/28/2000	GROUNDWATER	206.00	216.00	69.03	79.03
W96M2A	MW-96	09/28/2000	GROUNDWATER	160.00	170.00	23.00	33.00
W97M1A	MW-97	09/27/2000	GROUNDWATER	235.00	245.00	109.80	135.20
W97M1D	MW-97	09/27/2000	GROUNDWATER	235.00	245.00	109.80	135.20
W97M2A	MW-97	09/27/2000	GROUNDWATER	185.00	195.00	59.80	69.80
W97M3A	MW-97	09/27/2000	GROUNDWATER	140.00	150.00	14.49	24.49
W98M1A	MW-98	09/29/2000	GROUNDWATER	164.00	174.00	24.58	34.58
W98SSA	MW-98	09/29/2000	GROUNDWATER	137.00	147.00	0.00	10.00
W99M1A	MW-99	09/29/2000	GROUNDWATER	195.00	205.00	59.20	69.20
W99SSA	MW-99	09/29/2000	GROUNDWATER	133.00	143.00	0.00	10.00

Profiling methods include: Volatiles and Explosives
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9/1/2000-9/30/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
DW0915	GAC WATER	09/15/2000	IDW				
J2P4	GAC WATER	09/15/2000	IDW				
HDD17501A	12EE	09/01/2000	PRE BIP	0.00	0.25		
HDD17501B	12EE	09/01/2000	PRE BIP	0.00	0.25		
HDD17502A	12EE	09/01/2000	PRE BIP	0.00	0.25		
HDD17502B	12EE	09/01/2000	PRE BIP	0.00	0.25		
G120DLA	MW-120	09/01/2000	PROFILE	220.00	220.00	115.20	115.20
G120DMA	MW-120	09/01/2000	PROFILE	230.00	230.00	125.20	125.20
G120DMD	MW-120	09/01/2000	PROFILE	230.00	230.00	125.20	125.20
G120DNA	MW-120	09/05/2000	PROFILE	240.00	240.00	135.20	135.20
G120DOA	MW-120	09/05/2000	PROFILE	250.00	250.00	145.20	145.20
G120DPA	MW-120	09/05/2000	PROFILE	260.00	260.00	155.20	155.20
G120DQA	MW-120	09/05/2000	PROFILE	270.00	270.00	165.20	165.20
G120DRA	MW-120	09/05/2000	PROFILE	280.00	280.00	175.20	175.20
G120DSA	MW-120	09/06/2000	PROFILE	290.00	290.00	185.20	185.20
G120DTA	MW-120	09/06/2000	PROFILE	300.00	300.00	195.20	195.20
G120DUA	MW-120	09/06/2000	PROFILE	310.00	310.00	205.20	205.20
G120DVA	MW-120	09/06/2000	PROFILE	320.00	320.00	215.20	215.20
G123DAA	MW-123	09/12/2000	PROFILE	140.00	140.00	0.00	0.00
G123DBA	MW-123	09/12/2000	PROFILE	150.00	150.00	8.00	8.00
G123DCA	MW-123	09/13/2000	PROFILE	160.00	160.00	18.00	18.00
G123DDA	MW-123	09/13/2000	PROFILE	170.00	170.00	28.00	28.00
G123DEA	MW-123	09/13/2000	PROFILE	180.00	180.00	38.00	38.00
G123DFA	MW-123	09/13/2000	PROFILE	190.00	190.00	48.00	48.00
G123DGA	MW-123	09/13/2000	PROFILE	200.00	200.00	58.00	58.00
G123DHA	MW-123	09/13/2000	PROFILE	210.00	210.00	68.00	68.00
G123DIA	MW-123	09/13/2000	PROFILE	220.00	220.00	78.00	78.00
G123DJA	MW-123	09/13/2000	PROFILE	230.00	20.00	88.00	88.00
G123DKA	MW-123	09/13/2000	PROFILE	240.00	240.00	98.00	98.00
G123DLA	MW-123	09/13/2000	PROFILE	250.00	250.00	108.00	108.00
G123DMA	MW-123	09/13/2000	PROFILE	260.00	260.00	118.00	118.00
G123DNA	MW-123	09/13/2000	PROFILE	270.00	270.00	128.00	128.00
G123DOA	MW-123	09/13/2000	PROFILE	280.00	280.00	138.00	138.00
G123DPA	MW-123	09/14/2000	PROFILE	290.00	290.00	148.00	148.00
G123DQA	MW-123	09/14/2000	PROFILE	300.00	300.00	158.00	158.00
G123DQD	MW-123	09/14/2000	PROFILE	300.00	300.00	158.00	158.00
G124DAA	MW-124	09/12/2000	PROFILE	140.00	140.00	6.50	6.50
G124DBA	MW-124	09/12/2000	PROFILE	150.00	150.00	16.50	16.50
G124DCA	MW-124	09/12/2000	PROFILE	160.00	160.00	26.50	26.50
G124DDA	MW-124	09/12/2000	PROFILE	170.00	170.00	36.50	36.50
G124DEA	MW-124	09/12/2000	PROFILE	180.00	180.00	46.50	46.50
G124DFA	MW-124	09/12/2000	PROFILE	190.00	190.00	56.50	56.50
G124DGA	MW-124	09/12/2000	PROFILE	200.00	200.00	66.50	66.50
G124DHA	MW-124	09/12/2000	PROFILE	210.00	210.00	76.50	76.50
G124DIA	MW-124	09/13/2000	PROFILE	220.00	220.00	86.50	86.50
G124DJA	MW-124	09/13/2000	PROFILE	230.00	230.00	96.50	96.50
G124DKA	MW-124	09/13/2000	PROFILE	240.00	240.00	106.50	106.50
G124DLA	MW-124	09/13/2000	PROFILE	250.00	250.00	116.50	116.50
G124DMA	MW-124	09/13/2000	PROFILE	260.00	260.00	126.50	126.50

Profiling methods include: Volatiles and Explosives
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9/1/2000-9/30/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G124DNA	MW-124	09/13/2000	PROFILE	270.00	270.00	136.50	136.50
G124DOA	MW-124	09/13/2000	PROFILE	280.00	280.00	146.50	146.50
G124DPA	MW-124	09/13/2000	PROFILE	290.00	290.00	156.50	156.50
G124DQA	MW-124	09/13/2000	PROFILE	300.00	300.00	166.50	166.50
G125DAA	MW-125	09/14/2000	PROFILE	60.00	60.00	9.00	9.00
G125DBA	MW-125	09/14/2000	PROFILE	70.00	70.00	19.00	19.00
G125DCA	MW-125	09/14/2000	PROFILE	80.00	80.00	29.00	29.00
G125DDA	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00
G125DDD	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00
G125DEA	MW-125	09/14/2000	PROFILE	100.00	100.00	49.00	49.00
G125DFA	MW-125	09/14/2000	PROFILE	110.00	110.00	59.00	59.00
G125DGA	MW-125	09/14/2000	PROFILE	120.00	120.00	69.00	69.00
G125DHA	MW-125	09/14/2000	PROFILE	130.00	130.00	79.00	79.00
G125DIA	MW-125	09/14/2000	PROFILE	140.00	140.00	89.00	89.00
G125DJA	MW-125	09/14/2000	PROFILE	150.00	150.00	99.00	99.00
G125DKA	MW-125	09/14/2000	PROFILE	160.00	160.00	109.00	109.00
G125DLA	MW-125	09/14/2000	PROFILE	170.00	170.00	119.00	119.00
G125DMA	MW-125	09/14/2000	PROFILE	180.00	180.00	129.00	129.00
G125DNA	MW-125	09/15/2000	PROFILE	190.00	190.00	139.00	139.00
G125DOA	MW-125	09/15/2000	PROFILE	200.00	20.00	149.00	149.00
G125DPA	MW-125	09/18/2000	PROFILE	210.00	210.00	159.00	159.00
G125DQA	MW-125	09/18/2000	PROFILE	220.00	220.00	169.00	169.00
G125DRA	MW-125	09/18/2000	PROFILE	230.00	230.00	179.00	179.00
G125DTA	MW-125	09/18/2000	PROFILE	250.00	250.00	199.00	199.00
G125DUA	MW-125	09/19/2000	PROFILE	256.00	256.00	209.00	209.00
G125DUD	MW-125	09/19/2000	PROFILE	256.00	256.00	201.00	201.00
G126DAA	MW-126	09/18/2000	PROFILE	100.00	100.00	0.00	0.00
G126DBA	MW-126	09/18/2000	PROFILE	110.00	110.00	8.90	8.90
G126DCA	MW-126	09/18/2000	PROFILE	120.00	120.00	18.90	18.90
G126DDA	MW-126	09/18/2000	PROFILE	130.00	130.00	28.90	28.90
G126DDD	MW-126	09/18/2000	PROFILE	130.00	130.00	28.90	28.90
G126DEA	MW-126	09/18/2000	PROFILE	140.00	140.00	38.90	38.90
G126DFA	MW-126	09/18/2000	PROFILE	150.00	150.00	48.90	48.90
G126DGA	MW-126	09/19/2000	PROFILE	160.00	160.00	58.90	58.90
G126DHA	MW-126	09/19/2000	PROFILE	170.00	170.00	68.90	68.90
G126DIA	MW-126	09/19/2000	PROFILE	180.00	180.00	78.90	78.90
G126DJA	MW-126	09/19/2000	PROFILE	190.00	190.00	88.90	88.90
G126DKA	MW-126	09/19/2000	PROFILE	200.00	200.00	98.90	98.90
G126DLA	MW-126	09/19/2000	PROFILE	210.00	210.00	108.90	108.90
G126DMA	MW-126	09/19/2000	PROFILE	220.00	220.00	118.90	118.90
G126DNA	MW-126	09/19/2000	PROFILE	230.00	230.00	128.90	128.90
G126DOA	MW-126	09/19/2000	PROFILE	240.00	240.00	138.90	138.90
G126DPA	MW-126	09/19/2000	PROFILE	250.00	250.00	148.90	148.90
G126DQA	MW-126	09/20/2000	PROFILE	260.00	260.00	158.90	158.90
G126DRA	MW-126	09/20/2000	PROFILE	270.00	270.00	168.90	168.90
G128DAA	MW-128	09/26/2000	PROFILE	100.00	100.00	11.25	11.25
G128DBA	MW-128	09/26/2000	PROFILE	110.00	110.00	21.25	21.25
G128DCA	MW-128	09/26/2000	PROFILE	120.00	120.00	31.25	31.25
G128DDA	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G128DDD	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25
G128DEA	MW-128	09/27/2000	PROFILE	140.00	140.00	51.25	51.25
G128DFA	MW-128	09/27/2000	PROFILE	150.00	150.00	61.25	61.25
G128DGA	MW-128	09/28/2000	PROFILE	160.00	160.00	71.25	71.25
G128DHA	MW-128	09/28/2000	PROFILE	170.00	170.00	81.25	81.25
G128DIA	MW-128	09/28/2000	PROFILE	190.00	190.00	101.25	101.25
G128DJA	MW-128	09/28/2000	PROFILE	200.00	200.00	111.25	111.25
G128DKA	MW-128	09/28/2000	PROFILE	210.00	210.00	121.25	121.25
G128DLA	MW-128	09/28/2000	PROFILE	220.00	220.00	131.25	131.25
G128DMA	MW-128	09/28/2000	PROFILE	230.00	230.00	141.25	141.25
G128DNA	MW-128	09/28/2000	PROFILE	240.00	240.00	151.25	151.25
G128DOA	MW-128	09/29/2000	PROFILE	250.00	250.00	161.25	161.25
G128DPA	MW-128	09/29/2000	PROFILE	260.00	260.00	171.25	171.25
G128DQA	MW-128	09/29/2000	PROFILE	270.00	270.00	181.25	181.25
G129DAA	MW-129	09/26/2000	PROFILE	85.00	85.00	13.90	13.90
G129DBA	MW-129	09/26/2000	PROFILE	90.00	90.00	18.90	18.90
G129DBD	MW-129	09/26/2000	PROFILE	90.00	90.00	18.90	18.90
G129DCA	MW-129	09/26/2000	PROFILE	100.00	100.00	28.90	28.90
G129DDA	MW-129	09/26/2000	PROFILE	110.00	110.00	38.90	38.90
G129DEA	MW-129	09/26/2000	PROFILE	120.00	120.00	48.90	48.90
G129DFA	MW-129	09/26/2000	PROFILE	130.00	130.00	58.90	58.90
G129DGA	MW-129	09/26/2000	PROFILE	140.00	140.00	68.90	68.90
G129DHA	MW-129	09/26/2000	PROFILE	150.00	150.00	78.90	78.90
G129DIA	MW-129	09/27/2000	PROFILE	160.00	160.00	88.90	88.90
G129DID	MW-129	09/27/2000	PROFILE	160.00	160.00	88.90	88.90
G129DJA	MW-129	09/27/2000	PROFILE	170.00	170.00	98.90	98.90
G129DKA	MW-129	09/27/2000	PROFILE	180.00	180.00	108.90	108.90
G129DLA	MW-129	09/27/2000	PROFILE	190.00	190.00	118.90	118.90
G129DMA	MW-129	09/27/2000	PROFILE	200.00	200.00	128.90	128.90
G129DNA	MW-129	09/27/2000	PROFILE	210.00	210.00	138.90	138.90
G129DOA	MW-129	09/27/2000	PROFILE	220.00	220.00	148.90	148.90
G129DPA	MW-129	09/27/2000	PROFILE	230.00	230.00	158.90	158.90
G130DAA	MW-130	09/28/2000	PROFILE	105.00	105.00	0.20	0.20
G130DBA	MW-130	09/29/2000	PROFILE	110.00	110.00	5.20	5.20
G130DBD	MW-130	09/29/2000	PROFILE	110.00	110.00	5.20	5.20
G130DCA	MW-130	09/29/2000	PROFILE	120.00	120.00	15.20	15.20
G130DDA	MW-130	09/29/2000	PROFILE	130.00	130.00	25.20	25.20
G130DEA	MW-130	09/29/2000	PROFILE	140.00	140.00	35.20	35.20
G15ADAA	MW-15A	09/29/2000	PROFILE	121.00	121.00	10.00	10.00
G15ADBA	MW-15A	09/29/2000	PROFILE	130.00	130.00	19.00	19.00
G15ADBD	MW-15A	09/29/2000	PROFILE	130.00	130.00	19.00	19.00
G15ADCA	MW-15A	09/29/2000	PROFILE	140.00	140.00	29.00	29.00
G15ADDA	MW-15A	09/29/2000	PROFILE	150.00	150.00	39.00	39.00
G15ADEA	MW-15A	09/29/2000	PROFILE	160.00	160.00	49.00	49.00
G15ADFA	MW-15A	09/29/2000	PROFILE	170.00	170.00	59.00	59.00
S122DCA	MW-122	09/06/2000	SOIL BORING	10.00	12.00		
S122DCD	MW-122	09/06/2000	SOIL BORING	10.00	12.00		
S122DDA	MW-122	09/06/2000	SOIL BORING	20.00	22.00		
S122DEA	MW-122	09/06/2000	SOIL BORING	30.00	32.00		

Profiling methods include: Volatiles and Explosives
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Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
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TABLE 2
SAMPLING PROGRESS
9/1/2000-9/30/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
S122DFA	MW-122	09/06/2000	SOIL BORING	40.00	42.00		
S122DGA	MW-122	09/06/2000	SOIL BORING	50.00	52.00		
S122DHA	MW-122	09/06/2000	SOIL BORING	60.00	62.00		
S122DIA	MW-122	09/06/2000	SOIL BORING	70.00	72.00		
S122DJA	MW-122	09/06/2000	SOIL BORING	80.00	82.00		
S122DKA	MW-122	09/06/2000	SOIL BORING	90.00	92.00		
S123DCA	MW-123	09/08/2000	SOIL BORING	10.00	12.00		
S123DDA	MW-123	09/11/2000	SOIL BORING	20.00	22.00		
S123DEA	MW-123	09/11/2000	SOIL BORING	30.00	32.00		
S123DFA	MW-123	09/11/2000	SOIL BORING	40.00	42.00		
S123DGA	MW-123	09/11/2000	SOIL BORING	50.00	52.00		
S123DGD	MW-123	09/11/2000	SOIL BORING	50.00	52.00		
S123DHA	MW-123	09/11/2000	SOIL BORING				
S123DHA	MW-123	09/11/2000	SOIL BORING	60.00	62.00		
S123DIA	MW-123	09/11/2000	SOIL BORING	70.00	72.00		
S123DJA	MW-123	09/11/2000	SOIL BORING	80.00	82.00		
S123DKA	MW-123	09/11/2000	SOIL BORING	90.00	92.00		
S123DLA	MW-123	09/11/2000	SOIL BORING	100.00	102.00		
S123DMA	MW-123	09/11/2000	SOIL BORING	110.00	112.00		
S123DNA	MW-123	09/12/2000	SOIL BORING	120.00	122.00		
S123DOA	MW-123	09/12/2000	SOIL BORING	130.00	132.00		
S124DCA	MW-124	09/08/2000	SOIL BORING	10.00	12.00		
S124DCD	MW-124	09/08/2000	SOIL BORING	10.00	12.00		
S124DDA	MW-124	09/08/2000	SOIL BORING	20.00	22.00		
S124DEA	MW-124	09/08/2000	SOIL BORING	30.00	32.00		
S124DFA	MW-124	09/08/2000	SOIL BORING	40.00	42.00		
S124DGA	MW-124	09/08/2000	SOIL BORING	50.00	52.00		
S124DHA	MW-124	09/11/2000	SOIL BORING	60.00	62.00		
S124DIA	MW-124	09/11/2000	SOIL BORING	70.00	72.00		
S124DJA	MW-124	09/11/2000	SOIL BORING	80.00	84.00		
S124DKA	MW-124	09/11/2000	SOIL BORING	90.00	92.00		
S124DLA	MW-124	09/11/2000	SOIL BORING	100.00	102.00		
S124DMA	MW-124	09/11/2000	SOIL BORING	110.00	112.00		
S124DNA	MW-124	09/11/2000	SOIL BORING	120.00	122.00		
S124DOA	MW-124	09/11/2000	SOIL BORING	130.00	132.00		
S125DCA	MW-125	09/12/2000	SOIL BORING	10.00	12.00		
S125DDA	MW-125	09/13/2000	SOIL BORING	20.00	22.00		
S125DEA	MW-125	09/13/2000	SOIL BORING	30.00	32.00		
S125DFA	MW-125	09/13/2000	SOIL BORING	40.00	42.00		
S125DGA	MW-125	09/13/2000	SOIL BORING	50.00	52.00		
S126DCA	MW-126	09/13/2000	SOIL BORING	10.00	12.00		
S126DDA	MW-126	09/14/2000	SOIL BORING	20.00	22.00		
S126DEA	MW-126	09/14/2000	SOIL BORING	30.00	32.00		
S126DFA	MW-126	09/14/2000	SOIL BORING	40.00	42.00		
S126DGA	MW-126	09/14/2000	SOIL BORING	50.00	52.00		
S126DIA	MW-126	09/14/2000	SOIL BORING	70.00	72.00		
S126DJA	MW-126	09/14/2000	SOIL BORING	80.00	82.00		
S126DKA	MW-126	09/14/2000	SOIL BORING	90.00	92.00		
S126DLA	MW-126	09/15/2000	SOIL BORING	100.00	102.00		

Profiling methods include: Volatiles and Explosives
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Other Sample Types methods are variable
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TABLE 2
SAMPLING PROGRESS
9/1/2000-9/30/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
S130DCA	MW-130	09/27/2000	SOIL BORING	10.00	12.00		
S130DDA	MW-130	09/28/2000	SOIL BORING	20.00	22.00		
S130DEA	MW-130	09/28/2000	SOIL BORING	30.00	32.00		
S130DFA	MW-130	09/28/2000	SOIL BORING	40.00	42.00		
S130DGA	MW-130	09/28/2000	SOIL BORING	50.00	52.00		
S130DHA	MW-130	09/28/2000	SOIL BORING	60.00	62.00		
S130DIA	MW-130	09/28/2000	SOIL BORING	70.00	72.00		
S130DID	MW-130	09/28/2000	SOIL BORING	70.00	72.00		
S130DJA	MW-130	09/28/2000	SOIL BORING	80.00	82.00		
S130DKA	MW-130	09/28/2000	SOIL BORING	90.00	92.00		
0.A.1.00031.1.0	0.A.1.00031.1.0	09/14/2000	SOIL GRID				
0.A.1.00031.6.0	0.A.1.00031.6.0	09/18/2000	SOIL GRID				
1.B.1.00431.4.0	1.B.1.00431.4.0	09/14/2000	SOIL GRID				
1.B.1.00440.4.0	1.B.1.00440.4.0	09/14/2000	SOIL GRID				
1.B.1.00441.4.0	1.B.1.00441.4.0	09/14/2000	SOIL GRID				
1.B.1.00441.4.D	1.B.1.00441.4.0	09/15/2000	SOIL GRID				
1.C.1.00439.1.S	1.C.1.00439.1.S	09/15/2000	SOIL GRID				
1.F.0.00001.0.0	1.F.0.00001.0.0	09/05/2000	SOIL GRID				
1.F.0.00001.1.0	1.F.0.00001.1.0	09/05/2000	SOIL GRID				
1.F.0.00002.0.0	1.F.0.00002.0.0	09/05/2000	SOIL GRID				
1.F.0.00002.1.0	1.F.0.00002.1.0	09/05/2000	SOIL GRID				
1.F.0.00003.0.0	1.F.0.00003.0.0	09/05/2000	SOIL GRID				
1.F.0.00003.1.0	1.F.0.00003.1.0	09/05/2000	SOIL GRID				
1.F.0.00004.0.0	1.F.0.00004.0.0	09/05/2000	SOIL GRID				
1.F.0.00004.1.0	1.F.0.00004.1.0	09/05/2000	SOIL GRID				
1.F.0.00004.1.D	1.F.0.00004.1.0	09/05/2000	SOIL GRID				
1.F.0.00005.0.0	1.F.0.00005.0.0	09/05/2000	SOIL GRID				
1.F.0.00005.1.0	1.F.0.00005.1.0	09/05/2000	SOIL GRID				
1.F.0.00006.0.0	1.F.0.00006.0.0	09/06/2000	SOIL GRID				
1.F.0.00006.1.0	1.F.0.00006.1.0	09/06/2000	SOIL GRID				
1.F.0.00007.0.0	1.F.0.00007.0.0	09/06/2000	SOIL GRID				
1.F.0.00007.1.0	1.F.0.00007.1.0	09/06/2000	SOIL GRID				
1.F.0.00008.0.0	1.F.0.00008.0.0	09/06/2000	SOIL GRID				
1.F.0.00008.1.0	1.F.0.00008.1.0	09/06/2000	SOIL GRID				
1.F.0.00009.0.0	1.F.0.00009.0.0	09/06/2000	SOIL GRID				
1.F.0.00009.1.0	1.F.0.00009.1.0	09/06/2000	SOIL GRID				
1.F.0.00010.0.0	1.F.0.00010.0.0	09/06/2000	SOIL GRID				
1.F.0.00010.0.D	1.F.0.00010.0.0	09/06/2000	SOIL GRID				
1.F.0.00010.1.0	1.F.0.00010.1.0	09/06/2000	SOIL GRID				
1.F.0.00011.0.0	1.F.0.00011.0.0	09/06/2000	SOIL GRID				
1.F.0.00011.1.0	1.F.0.00011.1.0	09/06/2000	SOIL GRID				
1.F.0.00012.0.0	1.F.0.00012.0.0	09/06/2000	SOIL GRID				
1.F.0.00012.1.0	1.F.0.00012.1.0	09/06/2000	SOIL GRID				
1.F.0.00013.0.0	1.F.0.00013.0.0	09/06/2000	SOIL GRID				
1.F.0.00013.1.0	1.F.0.00013.1.0	09/06/2000	SOIL GRID				
1.F.0.00014.0.0	1.F.0.00014.0.0	09/06/2000	SOIL GRID				
1.F.0.00014.1.0	1.F.0.00014.1.0	09/06/2000	SOIL GRID				
1.F.0.00014.1.D	1.F.0.00014.1.0	09/06/2000	SOIL GRID				
1.F.0.00015.0.0	1.F.0.00015.0.0	09/06/2000	SOIL GRID				

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TABLE 2
SAMPLING PROGRESS
9/1/2000-9/30/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
1.F.0.00015.1.0	1.F.0.00015.1.0	09/06/2000	SOIL GRID				
1.F.0.00016.0.0	1.F.0.00016.0.0	09/06/2000	SOIL GRID				
1.F.0.00016.1.0	1.F.0.00016.1.0	09/06/2000	SOIL GRID				
2.F.0.00001.0.0	2.F.0.00001.0.0	09/26/2000	SOIL GRID				
2.F.0.00001.1.0	2.F.0.00001.1.0	09/26/2000	SOIL GRID				
2.F.0.00002.0.0	2.F.0.00002.0.0	09/26/2000	SOIL GRID				
2.F.0.00002.1.0	2.F.0.00002.1.0	09/26/2000	SOIL GRID				
2.F.0.00003.0.0	2.F.0.00003.0.0	09/26/2000	SOIL GRID				
2.F.0.00003.1.0	2.F.0.00003.1.0	09/26/2000	SOIL GRID				
2.F.0.00004.0.0	2.F.0.00004.0.0	09/26/2000	SOIL GRID				
2.F.0.00004.1.0	2.F.0.00004.1.0	09/26/2000	SOIL GRID				
2.F.0.00005.0.0	2.F.0.00005.0.0	09/26/2000	SOIL GRID				
2.F.0.00005.1.0	2.F.0.00005.1.0	09/26/2000	SOIL GRID				
2.F.0.00006.0.0	2.F.0.00006.0.0	09/26/2000	SOIL GRID				
2.F.0.00006.1.0	2.F.0.00006.1.0	09/26/2000	SOIL GRID				
2.F.0.00007.0.0	2.F.0.00007.0.0	09/26/2000	SOIL GRID				
2.F.0.00007.1.0	2.F.0.00007.1.0	09/26/2000	SOIL GRID				
2.F.0.00008.0.0	2.F.0.00008.0.0	09/28/2000	SOIL GRID				
2.F.0.00008.1.0	2.F.0.00008.1.0	09/28/2000	SOIL GRID				
2.F.0.00009.0.0	2.F.0.00009.0.0	09/28/2000	SOIL GRID				
2.F.0.00009.1.0	2.F.0.00009.1.0	09/28/2000	SOIL GRID				
2.F.0.00010.0.0	2.F.0.00010.0.0	09/28/2000	SOIL GRID				
2.F.0.00010.0.D	2.F.0.00010.0.0	09/28/2000	SOIL GRID				
2.F.0.00010.1.0	2.F.0.00010.1.0	09/28/2000	SOIL GRID				
2.F.0.00010.1.D	2.F.0.00010.1.0	09/28/2000	SOIL GRID				
2.F.0.00011.0.0	2.F.0.00011.0.0	09/28/2000	SOIL GRID				
2.F.0.00011.1.0	2.F.0.00011.1.0	09/28/2000	SOIL GRID				
2.F.0.00012.0.0	2.F.0.00012.0.0	09/28/2000	SOIL GRID				
2.F.0.00012.1.0	2.F.0.00012.1.0	09/28/2000	SOIL GRID				
2.F.0.00013.0.0	2.F.0.00013.0.0	09/28/2000	SOIL GRID				
2.F.0.00013.1.0	2.F.0.00013.1.0	09/28/2000	SOIL GRID				
2.F.0.00014.0.0	2.F.0.00014.0.0	09/28/2000	SOIL GRID				
2.F.0.00014.1.0	2.F.0.00014.1.0	09/28/2000	SOIL GRID				
2.F.0.00015.0.0	2.F.0.00015.0.0	09/28/2000	SOIL GRID				
2.F.0.00015.1.0	2.F.0.00015.1.0	09/28/2000	SOIL GRID				
2.F.0.00016.0.0	2.F.0.00016.0.0	09/28/2000	SOIL GRID				
2.F.0.00016.0.D	2.F.0.00016.0.0	09/28/2000	SOIL GRID				
2.F.0.00016.1.0	2.F.0.00016.1.0	09/28/2000	SOIL GRID				
2.F.0.00016.1.D	2.F.0.00016.1.0	09/28/2000	SOIL GRID				
DS101A1AAA	101A	09/05/2000	SOIL GRID	0.00	0.25		
DS101A2AAA	101A	09/05/2000	SOIL GRID	0.00	0.25		
DS101A3AAA	101A	09/05/2000	SOIL GRID	0.00	0.25		
DS101A4AAA	101A	09/05/2000	SOIL GRID	0.00	0.25		
GP10.1.00081.1.0	GP10.1.00081.1.0	09/14/2000	SOIL GRID				
GP10.2.00017.1.0	GP10.2.00017.1.0	09/14/2000	SOIL GRID				
HC101CA1AAA	101CA	09/21/2000	SOIL GRID	0.00	0.25		
HC101CA1BAA	101CA	09/21/2000	SOIL GRID	0.25	0.50		
HC101CA1CAA	101CA	09/21/2000	SOIL GRID	0.50	1.00		
HC101GA1AAA	101GA	09/27/2000	SOIL GRID	0.00	0.25		

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TABLE 2
SAMPLING PROGRESS
9/1/2000-9/30/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC101GA1BAA	101GA	09/27/2000	SOIL GRID	0.25	0.50		
HC101GA1CAA	101GA	09/27/2000	SOIL GRID	0.50	1.00		
HC101HA1AAA	101HA	09/20/2000	SOIL GRID	0.00	0.25		
HC101HA1BAA	101HA	09/20/2000	SOIL GRID	0.25	0.50		
HC101HA1CAA	101HA	09/20/2000	SOIL GRID	0.50	1.00		
HC101IA1AAA	101IA	09/21/2000	SOIL GRID	0.00	0.25		
HC101IA1BAA	101IA	09/21/2000	SOIL GRID	0.25	0.50		
HC101IA1CAA	101IA	09/21/2000	SOIL GRID	0.50	1.00		
HC101JA1AAA	101JA	09/21/2000	SOIL GRID	0.00	0.25		
HC101JA1BAA	101JA	09/21/2000	SOIL GRID	0.25	0.50		
HC101JA1CAA	101JA	09/21/2000	SOIL GRID	0.50	1.00		
HC101JB1AAA	101JB	09/21/2000	SOIL GRID	0.00	0.25		
HC101JB1BAA	101JB	09/21/2000	SOIL GRID	0.25	0.50		
HC101JB1CAA	101JB	09/21/2000	SOIL GRID	0.50	1.00		
HC101JB1CAD	101JB	09/21/2000	SOIL GRID	0.50	1.00		
HC101KA1AAA	101KA	09/19/2000	SOIL GRID	0.00	0.25		
HC101KA1BAA	101KA	09/19/2000	SOIL GRID	0.25	0.50		
HC101KA1CAA	101KA	09/19/2000	SOIL GRID	0.50	1.00		
HC101KB1AAA	101KB	09/19/2000	SOIL GRID	0.00	0.25		
HC101KB1BAA	101KB	09/19/2000	SOIL GRID	0.25	0.50		
HC101KB1CAA	101KB	09/19/2000	SOIL GRID	0.50	1.00		
HC101KC1AAA	101KC	09/20/2000	SOIL GRID	0.00	0.25		
HC101KC1BAA	101KC	09/20/2000	SOIL GRID	0.25	0.50		
HC101KC1CAA	101KC	09/20/2000	SOIL GRID	0.50	1.00		
HC101KD1AAA	101KD	09/20/2000	SOIL GRID	0.00	0.25		
HC101KD1BAA	101KD	09/20/2000	SOIL GRID	0.25	0.50		
HC101KD1CAA	101KD	09/20/2000	SOIL GRID	0.50	1.00		
HC101KD1CAD	101KD	09/20/2000	SOIL GRID	0.50	1.00		
HC101PC1AAA	101PC	09/21/2000	SOIL GRID	0.00	0.25		
HC101PC1BAA	101PC	09/21/2000	SOIL GRID	0.25	0.50		
HC101PC1CAA	101PC	09/21/2000	SOIL GRID	0.50	1.00		
HC101PD1AAA	101PD	09/21/2000	SOIL GRID	0.00	0.25		
HC101PD1BAA	101PD	09/21/2000	SOIL GRID	0.25	0.50		
HC101PD1CAA	101PD	09/21/2000	SOIL GRID	0.50	1.00		
HC102IA1AAA	102IA	09/22/2000	SOIL GRID	0.00	0.25		
HC102IA1BAA	102IA	09/22/2000	SOIL GRID	0.25	0.50		
HC102IA1CAA	102IA	09/22/2000	SOIL GRID	0.50	1.00		
HC102IB1AAA	102IB	09/22/2000	SOIL GRID	0.00	0.25		
HC102IB1BAA	102IB	09/22/2000	SOIL GRID	0.25	0.50		
HC102IB1CAA	102IB	09/22/2000	SOIL GRID	0.50	1.00		
HC102ID1AAA	102ID	09/26/2000	SOIL GRID	0.00	0.25		
HC102ID1BAA	102ID	09/26/2000	SOIL GRID	0.25	0.50		
HC102ID1CAA	102ID	09/26/2000	SOIL GRID	0.50	1.00		
HC102IE1AAA	102IE	09/26/2000	SOIL GRID	0.00	0.25		
HC102IE1BAA	102IE	09/26/2000	SOIL GRID	0.25	0.50		
HC102IE1CAA	102IE	09/26/2000	SOIL GRID	0.50	1.00		
HC102IF1AAA	102IF	09/26/2000	SOIL GRID	0.00	0.25		
HC102IF1BAA	102IF	09/26/2000	SOIL GRID	0.25	0.50		
HC102IF1CAA	102IF	09/26/2000	SOIL GRID	0.50	1.00		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
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BWTS = Depth below water table, start depth, measured in feet
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TABLE 2
SAMPLING PROGRESS
9/1/2000-9/30/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC102IG1AAA	102IG	09/25/2000	SOIL GRID	0.00	0.25		
HC102IG1BAA	102IG	09/25/2000	SOIL GRID	0.25	0.50		
HC102IG1CAA	102IG	09/25/2000	SOIL GRID	0.50	1.00		
HC102IH1AAA	102IH	09/25/2000	SOIL GRID	0.00	0.25		
HC102IH1BAA	102IH	09/25/2000	SOIL GRID	0.25	0.50		
HC102IH1CAA	102IH	09/25/2000	SOIL GRID	0.50	1.00		
HC102II1AAA	102II	09/25/2000	SOIL GRID	0.00	0.25		
HC102II1BAA	102II	09/25/2000	SOIL GRID	0.25	0.50		
HC102II1CAA	102II	09/25/2000	SOIL GRID	0.50	1.00		
HC102IJ1AAA	102IJ	09/25/2000	SOIL GRID	0.00	0.25		
HC102IJ1BAA	102IJ	09/25/2000	SOIL GRID	0.25	0.50		
HC102IJ1CAA	102IJ	09/25/2000	SOIL GRID	0.50	1.00		
HC102IK1AAA	102IK	09/25/2000	SOIL GRID	0.00	0.25		
HC102IK1BAA	102IK	09/25/2000	SOIL GRID	0.25	0.50		
HC102IK1CAA	102IK	09/25/2000	SOIL GRID	0.50	1.00		
HC102IL1AAA	102IL	09/25/2000	SOIL GRID	0.00	0.25		
HC102IL1BAA	102IL	09/25/2000	SOIL GRID	0.25	0.50		
HC102IL1CAA	102IL	09/25/2000	SOIL GRID	0.50	1.00		
HC102IM1AAA	102IM	09/25/2000	SOIL GRID	0.00	0.25		
HC102IM1BAA	102IM	09/25/2000	SOIL GRID	0.25	0.50		
HC102IM1CAA	102IM	09/25/2000	SOIL GRID	0.50	1.00		
HC102IN1AAA	102IN	09/25/2000	SOIL GRID	0.00	0.25		
HC102IN1AAA	102IN	09/26/2000	SOIL GRID	0.00	0.25		
HC102IN1AAD	102IN	09/25/2000	SOIL GRID	0.00	0.25		
HC102IN1AAD	102IN	09/26/2000	SOIL GRID	0.00	0.25		
HC102IN1BAA	102IN	09/25/2000	SOIL GRID	0.25	0.50		
HC102IN1BAA	102IN	09/26/2000	SOIL GRID	0.25	0.50		
HC102IN1CAA	102IN	09/25/2000	SOIL GRID	0.50	1.00		
HC102IN1CAA	102IN	09/26/2000	SOIL GRID	0.50	1.00		
HC102IO1AAA	102IO	09/26/2000	SOIL GRID	0.00	0.25		
HC102IO1BAA	102IO	09/26/2000	SOIL GRID	0.25	0.50		
HC102IO1CAA	102IO	09/26/2000	SOIL GRID	0.50	1.00		
HC102LA1AAA	102LA	09/26/2000	SOIL GRID	0.00	0.25		
HC102LA1BAA	102LA	09/26/2000	SOIL GRID	0.25	0.50		
HC102LA1CAA	102LA	09/26/2000	SOIL GRID	0.50	1.00		
HC102LB1AAA	102LB	09/26/2000	SOIL GRID	0.00	0.25		
HC102LB1BAA	102LB	09/26/2000	SOIL GRID	0.25	0.50		
HC102LB1CAA	102LB	09/26/2000	SOIL GRID	0.50	1.00		
HC102LD1AAA	102LD	09/27/2000	SOIL GRID	0.00	0.25		
HC102LD1BAA	102LD	09/27/2000	SOIL GRID	0.25	0.50		
HC102LD1CAA	102LD	09/27/2000	SOIL GRID	0.50	1.00		
HC102NA1AAA	102NA	09/26/2000	SOIL GRID	0.00	0.25		
HC102NA1BAA	102NA	09/26/2000	SOIL GRID	0.25	0.50		
HC102NA1CAA	102NA	09/26/2000	SOIL GRID	0.50	1.00		
HC102NB1AAA	102NB	09/26/2000	SOIL GRID	0.00	0.25		
HC102NB1BAA	102NB	09/26/2000	SOIL GRID	0.25	0.50		
HC102NB1CAA	102NB	09/26/2000	SOIL GRID	0.50	1.00		
HC102TA1AAA	102TA	09/28/2000	SOIL GRID	0.00	0.25		
HC102TA1BAA	102TA	09/28/2000	SOIL GRID	0.25	0.50		

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TABLE 2
SAMPLING PROGRESS
9/1/2000-9/30/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC102TA1CAA	102TA	09/28/2000	SOIL GRID	0.50	1.00		
HC102TB1AAA	102TB	09/28/2000	SOIL GRID	0.00	0.25		
HC102TB1BAA	102TB	09/28/2000	SOIL GRID	0.25	0.50		
HC102TB1CAA	102TB	09/28/2000	SOIL GRID	0.50	1.00		
HC102TC1AAA	102TC	09/28/2000	SOIL GRID	0.00	0.25		
HC102TC1BAA	102TC	09/28/2000	SOIL GRID	0.25	0.50		
HC102TC1CAA	102TC	09/28/2000	SOIL GRID	0.50	1.00		
HC102TD1AAA	102TD	09/28/2000	SOIL GRID	0.00	0.25		
HC102TD1BAA	102TD	09/28/2000	SOIL GRID	0.25	0.50		
HC102TD1CAA	102TD	09/28/2000	SOIL GRID	0.50	1.00		
HC102TE1AAA	102TE	09/29/2000	SOIL GRID	0.00	0.25		
HC102TE1BAA	102TE	09/29/2000	SOIL GRID	0.25	0.50		
HC102TE1CAA	102TE	09/29/2000	SOIL GRID	0.50	1.00		
HC102TF1AAA	102TF	09/29/2000	SOIL GRID	0.00	0.25		
HC102TF1BAA	102TF	09/29/2000	SOIL GRID	0.25	0.50		
HC102TF1CAA	102TF	09/29/2000	SOIL GRID	0.50	1.00		
HC102TG1AAA	102TG	09/28/2000	SOIL GRID	0.00	0.25		
HC102TG1BAA	102TG	09/28/2000	SOIL GRID	0.25	0.50		
HC102TG1CAA	102TG	09/28/2000	SOIL GRID	0.50	1.00		
HC102TH1AAA	102TH	09/28/2000	SOIL GRID	0.00	0.25		
HC102TH1BAA	102TH	09/28/2000	SOIL GRID	0.25	0.50		
HC102TH1CAA	102TH	09/28/2000	SOIL GRID	0.50	1.00		
HC105A1AAA	105A	09/27/2000	SOIL GRID	0.00	0.25		
HC105A1BAA	105A	09/27/2000	SOIL GRID	0.25	0.50		
HC105A1CAA	105A	09/27/2000	SOIL GRID	0.50	1.00		
HC105B1AAA	105B	09/27/2000	SOIL GRID	0.00	0.25		
HC105B1BAA	105B	09/27/2000	SOIL GRID	0.25	0.50		
HC105B1CAA	105B	09/28/2000	SOIL GRID	0.00	0.25		
HC106A1AAA	106A	09/28/2000	SOIL GRID	0.00	0.25		
HC106A1BAA	106A	09/28/2000	SOIL GRID	0.25	0.50		
HC106A1CAA	106A	09/28/2000	SOIL GRID	0.50	1.00		
HC106B1AAA	106B	09/28/2000	SOIL GRID	0.00	0.25		
HC106B1BAA	106B	09/29/2000	SOIL GRID	0.25	0.50		
HC106B1CAA	106B	09/29/2000	SOIL GRID	0.50	1.00		
HC107A1AAA	107A	09/29/2000	SOIL GRID	0.00	0.25		
HC107A1BAA	107A	09/29/2000	SOIL GRID	0.25	0.50		
HC107A1CAA	107A	09/29/2000	SOIL GRID	0.50	1.00		
HC107A7CAA	107A	09/29/2000	SOIL GRID	0.50	1.00		
HCAPC2EAA	APC2E	09/05/2000	SOIL GRID				
HCSEB1AAA	HCSEB1AAA	09/23/2000	SOIL GRID	0.00	0.50		
HCSEB1BAA	HCSEB1BAA	09/23/2000	SOIL GRID	1.50	2.00		
HD103EA1AAA	103EA	09/29/2000	SOIL GRID	0.00	0.25		
HD103EA2AAA	103EA	09/29/2000	SOIL GRID	0.00	0.25		
HD103EA3AAA	103EA	09/29/2000	SOIL GRID	0.00	0.25		
HD103EA4AAA	103EA	09/29/2000	SOIL GRID	0.00	0.25		
HD103EA5AAA	103EA	09/29/2000	SOIL GRID	0.00	0.25		
HD105A1AAA	105A	09/27/2000	SOIL GRID	0.00	0.25		
HD105A1BAA	105A	09/27/2000	SOIL GRID	0.25	0.50		
HD105A1CAA	105A	09/27/2000	SOIL GRID	0.50	1.00		

Profiling methods include: Volatiles and Explosives
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TABLE 2
SAMPLING PROGRESS
9/1/2000-9/30/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD105A3AAA	105A	09/27/2000	SOIL GRID	0.00	0.25		
HD105A3BAA	105A	09/27/2000	SOIL GRID	0.25	0.50		
HD105A3CAA	105A	09/27/2000	SOIL GRID	0.50	1.00		
HD105A5AAA	105A	09/27/2000	SOIL GRID	0.00	0.25		
HD105A5BAA	105A	09/27/2000	SOIL GRID	0.25	0.50		
HD105A5CAA	105A	09/27/2000	SOIL GRID	0.50	1.00		
HD105A7AAA	105A	09/27/2000	SOIL GRID	0.00	0.25		
HD105A7BAA	105A	09/27/2000	SOIL GRID	0.25	0.50		
HD105A7CAA	105A	09/27/2000	SOIL GRID	0.50	1.00		
HD105B1AAA	105B	09/27/2000	SOIL GRID	0.00	0.25		
HD105B1BAA	105B	09/27/2000	SOIL GRID	0.25	0.50		
HD105B1CAA	105B	09/28/2000	SOIL GRID	0.00	0.25		
HD105B3AAA	105B	09/27/2000	SOIL GRID	0.00	0.25		
HD105B3BAA	105B	09/27/2000	SOIL GRID	0.25	0.50		
HD105B3CAA	105B	09/28/2000	SOIL GRID	0.00	0.25		
HD105B5AAA	105B	09/27/2000	SOIL GRID	0.00	0.25		
HD105B5BAA	105B	09/27/2000	SOIL GRID	0.25	0.50		
HD105B5CAA	105B	09/28/2000	SOIL GRID	0.00	0.25		
HD105B7AAA	105B	09/27/2000	SOIL GRID	0.00	0.25		
HD105B7BAA	105B	09/27/2000	SOIL GRID	0.25	0.50		
HD105B7CAA	105B	09/28/2000	SOIL GRID	0.00	0.25		
HD106A1AAA	106A	09/28/2000	SOIL GRID	0.00	0.25		
HD106A1BAA	106A	09/28/2000	SOIL GRID	0.25	0.50		
HD106A1CAA	106A	09/28/2000	SOIL GRID	0.50	1.00		
HD106A3AAA	106A	09/28/2000	SOIL GRID	0.00	0.25		
HD106A3BAA	106A	09/28/2000	SOIL GRID	0.25	0.50		
HD106A3CAA	106A	09/28/2000	SOIL GRID	0.50	1.00		
HD106A5AAA	106A	09/28/2000	SOIL GRID	0.00	0.25		
HD106A5BAA	106A	09/28/2000	SOIL GRID	0.25	0.50		
HD106A5CAA	106A	09/28/2000	SOIL GRID	0.50	1.00		
HD106A7AAA	106A	09/28/2000	SOIL GRID	0.00	0.25		
HD106A7BAA	106A	09/28/2000	SOIL GRID	0.25	0.50		
HD106A7CAA	106A	09/28/2000	SOIL GRID	0.50	1.00		
HD106B1AAA	106B	09/28/2000	SOIL GRID	0.00	0.25		
HD106B1BAA	106B	09/29/2000	SOIL GRID	0.25	0.50		
HD106B1CAA	106B	09/29/2000	SOIL GRID	0.50	1.00		
HD106B3AAA	106B	09/28/2000	SOIL GRID	0.00	0.25		
HD106B3BAA	106B	09/29/2000	SOIL GRID	0.25	0.50		
HD106B3CAA	106B	09/29/2000	SOIL GRID	0.50	1.00		
HD106B5AAA	106B	09/28/2000	SOIL GRID	0.00	0.25		
HD106B5BAA	106B	09/29/2000	SOIL GRID	0.25	0.50		
HD106B5CAA	106B	09/29/2000	SOIL GRID	0.50	1.00		
HD106B7AAA	106B	09/28/2000	SOIL GRID	0.00	0.25		
HD106B7BAA	106B	09/29/2000	SOIL GRID	0.25	0.50		
HD106B7CAA	106B	09/29/2000	SOIL GRID	0.50	1.00		
HD107A1AAA	107A	09/29/2000	SOIL GRID	0.00	0.25		
HD107A1BAA	107A	09/29/2000	SOIL GRID	0.25	0.50		
HD107A1CAA	107A	09/29/2000	SOIL GRID	0.50	1.00		
HD107A3AAA	107A	09/29/2000	SOIL GRID	0.00	0.25		

Profiling methods include: Volatiles and Explosives
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Other Sample Types methods are variable
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TABLE 2
SAMPLING PROGRESS
9/1/2000-9/30/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD107A3BAA	107A	09/29/2000	SOIL GRID	0.25	0.50		
HD107A3CAA	107A	09/29/2000	SOIL GRID	0.50	1.00		
HD107A5AAA	107A	09/29/2000	SOIL GRID	0.00	0.25		
HD107A5BAA	107A	09/29/2000	SOIL GRID	0.25	0.50		
HD107A5CAA	107A	09/29/2000	SOIL GRID	0.50	1.00		
HD107A7AAA	107A	09/29/2000	SOIL GRID	0.00	0.25		
HD107A7BAA	107A	09/29/2000	SOIL GRID	0.25	0.50		
HDPE17L1AAA	17L	09/29/2000	SOIL GRID				
HDPE44B1AAA	44B	09/28/2000	SOIL GRID				
HDPE44C1AAA	44C	09/28/2000	SOIL GRID				
HDPE44CA1AAA	44CA	09/28/2000	SOIL GRID				
HDPE44CAB1AAA	44CA	09/28/2000	SOIL GRID				
HDPE44CC1AAA	44CC	09/28/2000	SOIL GRID				
HDPE44D1AAA	44D	09/28/2000	SOIL GRID				
HDPE44DA1AAA	44DA	09/28/2000	SOIL GRID				
HDPE44DAA1AAA	44DA	09/28/2000	SOIL GRID				
HDPE44DAB1AAA	44DA	09/28/2000	SOIL GRID				
HDPE44E1AAA	44E	09/28/2000	SOIL GRID				
HDPE44EC1AAA	44EC	09/28/2000	SOIL GRID				
HDPE44F1AAA	44F	09/28/2000	SOIL GRID				
HDPE44G1AAA	44G	09/28/2000	SOIL GRID				
HDPE44I1AAA	44I	09/28/2000	SOIL GRID				
HDPE44IC1AAA	44IC	09/28/2000	SOIL GRID				
HDPE44J1AAA	44J	09/29/2000	SOIL GRID				
HDPE44K1AAA	44K	09/29/2000	SOIL GRID				
HDPE44L1AAA	44L	09/29/2000	SOIL GRID				
HDPE44M1AAA	44M	09/29/2000	SOIL GRID				
HDPE44N1AAA	44N	09/29/2000	SOIL GRID				
HDPE44T1AAA	44T	09/28/2000	SOIL GRID				
HDPE44U1AAA	44U	09/28/2000	SOIL GRID				
HDPEAPC1AAA	APC1	09/29/2000	SOIL GRID				
HDPEAPC2AAA	APC2	09/29/2000	SOIL GRID				
HDPEAPC3AAA	APC3	09/29/2000	SOIL GRID				
HDPEAPC3BAAA	APC3B	09/29/2000	SOIL GRID				
HDPEAPC3BAAD	APC3B	09/29/2000	SOIL GRID				
HDPEAPC3BBAAA	APC3B	09/29/2000	SOIL GRID				
HDPEAPC3CAAA	APC3C	09/29/2000	SOIL GRID				
HDPEJ3AAA	J3	09/29/2000	SOIL GRID				
HDSEA1AAA	HDSEA1AAA	09/23/2000	SOIL GRID	0.00	0.50		
HDSEA2AAA	HDSEA2AAA	09/23/2000	SOIL GRID	0.00	0.50		
HDSEA3AAA	HDSEA3AAA	09/23/2000	SOIL GRID	0.00	0.50		
HDSEA4AAA	HDSEA4AAA	09/23/2000	SOIL GRID	0.00	0.50		
HDSEA5AAA	HDSEA5AAA	09/23/2000	SOIL GRID	0.00	0.50		
HDSEA6AAA	HDSEA6AAA	09/23/2000	SOIL GRID	0.00	0.50		
HDSEA7AAA	HDSEA7AAA	09/23/2000	SOIL GRID	0.00	0.50		
HDSEA8AAA	HDSEA8AAA	09/23/2000	SOIL GRID	0.00	0.50		
HDSEA8AAD	HDSEA8AAA	09/23/2000	SOIL GRID	0.00	0.50		
HDSEA9AAA	HDSEA9AAA	09/23/2000	SOIL GRID	0.00	0.50		
J1.A.2.00008.1.0	J1.A.2.00008.1.0	09/01/2000	SOIL GRID				

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SAMPLING PROGRESS
9/1/2000-9/30/2000

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
J1.A.2.00022.1.0	J1.A.2.00022.1.0	09/01/2000	SOIL GRID				
J1.A.2.00023.1.0	J1.A.2.00023.1.0	09/01/2000	SOIL GRID				
J1.A.2.00026.1.0	J1.A.2.00026.1.0	09/01/2000	SOIL GRID				
J1.A.2.00034.1.0	J1.A.2.00034.1.0	09/01/2000	SOIL GRID				
J1.A.2.00036.1.0	J1.A.2.00036.1.0	09/01/2000	SOIL GRID				
J1.A.2.00037.1.0	J1.A.200037.1.0	09/01/2000	SOIL GRID				
J1.A.2.00037.1.D	J1.A.2.00037.1.0	09/01/2000	SOIL GRID				
J1.A.2.00043.1.0	J1.A.2.00043.1.0	09/01/2000	SOIL GRID				
J1.A.2.00044.1.0	J1.A.2.00044.1.0	09/01/2000	SOIL GRID				
J1.A.2.00045.1.0	J1.A.2.00045.1.0	09/01/2000	SOIL GRID				
J1.A.2.00046.1.0	J1.A.2.00046.1.0	09/01/2000	SOIL GRID				
J1.A.2.00048.1.0	J1.A.2.00048.1.0	09/01/2000	SOIL GRID				
J1.A.2.00050.1.0	J1.A.2.00050.1.0	09/01/2000	SOIL GRID				
J1.A.2.00052.1.0	J1.A.2.00052.1.0	09/01/2000	SOIL GRID				
J1.B.2.00053.1.0	J1.B.2.00053.1.0	09/28/2000	SOIL GRID				
J1.B.2.00061.1.0	J1.B.2.00061.1.0	09/28/2000	SOIL GRID				
J1.B.2.00064.1.0	J1.B.2.00064.1.0	09/28/2000	SOIL GRID				
J2.A.1.00002.1.0	J2.A.1.00002.1.0	09/25/2000	SOIL GRID				
J1DPIRW	J1DPIRW	09/29/2000	SURFACE WATER	0.00	0.00		

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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
ECMWSNP02	ECMWSNP02D	9/13/1999	504	1,2-DIBROMOETHANE (ETHY	110.00		NG/L	79.90	84.90	50.00	X
MW-41	W41M1A	5/18/00	8151	PENTACHLOROPHENOL	1.80	J	UG/L	110.00	120.00	1.00	X
MW-19	W19SSA	3/5/1998	8330N	2,4,6-TRINITROTOLUENE	10.00	J	UG/L	0.00	10.00	2.00	X
MW-19	W19S2A	7/20/1998	8330N	2,4,6-TRINITROTOLUENE	16.00		UG/L	0.00	10.00	2.00	X
MW-19	W19S2D	7/20/1998	8330N	2,4,6-TRINITROTOLUENE	16.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	2/12/1999	8330N	2,4,6-TRINITROTOLUENE	7.20	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	9/10/1999	8330N	2,4,6-TRINITROTOLUENE	2.60	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	5/12/00	8330N	2,4,6-TRINITROTOLUENE	3.70	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	5/23/00	8330N	2,4,6-TRINITROTOLUENE	3.90	J	UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	5/15/00	8330N	2,4,6-TRINITROTOLUENE	3.30		UG/L	0.00	10.00	2.00	X
58MW0002	WC2XXA	2/26/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	19.00		UG/L	0.00	0.00	2.00	X
58MW0002	WC2XXA	1/14/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	20.00		UG/L	0.00	0.00	2.00	X
58MW0002	WC2XXA	10/8/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	8.80		UG/L	0.00	0.00	2.00	X
58MW0009E	WC9EXA	10/2/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	7.70		UG/L	21.00	26.00	2.00	X
58MW0009E	WC9EXA	1/26/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	17.00		UG/L	21.00	26.00	2.00	X
58MW0009E	WC9EXA	9/28/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	18.00		UG/L	21.00	26.00	2.00	X
58MW0009E	WC9EXD	9/28/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	18.00		UG/L	21.00	26.00	2.00	X
90MW0022	WF22XA	1/26/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.80		UG/L	80.00	85.00	2.00	X
90MW0022	WF22XA	2/16/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.40		UG/L	80.00	85.00	2.00	X
90MW0022	WF22XA	9/30/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.20		UG/L	80.00	85.00	2.00	X
90WT0013	WF13XA	1/16/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.20	J	UG/L	2.00	12.00	2.00	X
MW-1	W01SSA	9/30/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	0.00	10.00	2.00	X
MW-1	W01SSD	9/30/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.40		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	2/22/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.80		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	9/7/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	5/31/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.10	J	UG/L	0.00	10.00	2.00	X
MW-1	W01MMA	9/29/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.60		UG/L	40.00	45.00	2.00	X
MW-1	W01M2A	3/1/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.20		UG/L	40.00	45.00	2.00	X
MW-1	W01M2A	5/10/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.90		UG/L	40.00	45.00	2.00	X
MW-100	W100M1A	6/6/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.30		UG/L	44.48	54.48	2.00	X
MW-100	W100M1D	6/6/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.30		UG/L	44.48	54.48	2.00	X
MW-101	W101M1A	6/6/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	25.38	35.38	2.00	X
MW-105	W105M1A	6/21/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.90		UG/L	75.08	85.08	2.00	X
MW-107	W107M2A	6/21/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.00		UG/L	3.11	13.11	2.00	X
MW-19	W19SSA	3/5/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	190.00		UG/L	0.00	10.00	2.00	X

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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-19	W19S2A	7/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	260.00		UG/L	0.00	10.00	2.00	X
MW-19	W19S2D	7/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	260.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	2/12/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	250.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	9/10/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	240.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	5/12/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	150.00	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	5/23/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	160.00		UG/L	0.00	10.00	2.00	X
MW-2	W02M2A	1/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	13.00		UG/L	31.00	36.00	2.00	X
MW-2	W02M2A	2/3/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.80		UG/L	31.00	36.00	2.00	X
MW-2	W02M2A	9/3/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.80		UG/L	31.00	36.00	2.00	X
MW-2	W02M2A	5/11/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.30	J	UG/L	31.00	36.00	2.00	X
MW-23	W23M1A	11/7/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.30	J	UG/L	99.00	109.00	2.00	X
MW-23	W23M1A	3/18/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.40		UG/L	99.00	109.00	2.00	X
MW-23	W23M1D	3/18/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.70		UG/L	99.00	109.00	2.00	X
MW-23	W23M1A	9/13/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.10		UG/L	99.00	109.00	2.00	X
MW-23	W23M1A	5/12/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.60	J	UG/L	99.00	109.00	2.00	X
MW-25	W25SSA	10/16/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.00		UG/L	0.00	10.00	2.00	X
MW-25	W25SSA	3/17/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.10		UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	7/15/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	64.00		UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	2/1/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	210.00		UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	9/15/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	50.00		UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	5/15/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	110.00		UG/L	0.00	10.00	2.00	X
MW-31	W31MMA	7/15/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	280.00		UG/L	29.00	39.00	2.00	X
MW-31	W31MMA	2/2/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	370.00		UG/L	29.00	39.00	2.00	X
MW-31	W31MMA	9/15/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	29.00		UG/L	29.00	39.00	2.00	X
MW-31	W31M1A	5/15/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	19.00		UG/L	29.00	39.00	2.00	X
MW-34	W34M2A	2/19/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.20		UG/L	55.00	65.00	2.00	X
MW-34	W34M2A	5/18/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.70		UG/L	55.00	65.00	2.00	X
MW-34	W34M1A	5/17/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.20		UG/L	75.00	85.00	2.00	X
MW-37	W37M2A	9/29/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.90		UG/L	28.00	38.00	2.00	X
MW-37	W37M2A	12/29/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.60		UG/L	28.00	38.00	2.00	X
MW-37	W37M2A	3/27/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.10		UG/L	28.00	38.00	2.00	X
MW-38	W38M3A	5/6/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	53.00	63.00	2.00	X
MW-38	W38M3A	8/18/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.60		UG/L	53.00	63.00	2.00	X
MW-38	W38M3A	11/10/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.00		UG/L	53.00	63.00	2.00	X
MW-38	W38M3A	5/16/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.90	J	UG/L	53.00	63.00	2.00	X

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MCL/HA = EITHER THE MCL OR LOWEST HEALTH ADVISORY CONCENTRATION (CHILD, ADULT OR LIFETIME)
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TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH SEPTEMBER 2000

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-40	W40M1A	9/21/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.80		UG/L	15.50	25.50	2.00	X
MW-40	W40M1D	9/21/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.60		UG/L	15.50	25.50	2.00	X
MW-40	W40M1A	12/30/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.00	J	UG/L	15.50	25.50	2.00	X
MW-40	W40M1A	4/14/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.00	J	UG/L	15.50	25.50	2.00	X
MW-58	W58SSA	11/23/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.70	J	UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	2/15/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.00		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	5/11/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	7.40	J	UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	7/9/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	50.00	J	UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	9/16/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	63.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	11/2/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	57.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	6/2/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	44.00		UG/L	0.00	10.00	2.00	X
MW-76	W76SSA	1/20/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	11.00		UG/L	0.00	10.00	2.00	X
MW-76	W76SSA	5/2/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	7.50	J	UG/L	0.00	10.00	2.00	X
MW-76	W76M2A	1/24/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	31.00		UG/L	35.00	45.00	2.00	X
MW-76	W76M2D	1/24/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	29.00		UG/L	35.00	45.00	2.00	X
MW-76	W76M2A	5/2/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	37.00	J	UG/L	35.00	45.00	2.00	X
MW-77	W77M2A	1/25/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	150.00		UG/L	35.00	45.00	2.00	X
MW-77	W77M2A	5/2/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	100.00	J	UG/L	35.00	45.00	2.00	X
MW-85	W85M1A	5/22/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	29.00		UG/L	18.39	28.39	2.00	X
MW-86	W86SSA	4/28/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50	J	UG/L	0.00	10.00	2.00	X
MW-87	W87M1A	4/28/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.50	J	UG/L	59.53	69.53	2.00	X
MW-88	W88M2A	5/24/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	7.00		UG/L	69.60	79.60	2.00	X
MW-89	W89M2A	5/26/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	8.30		UG/L	68.95	78.95	2.00	X
MW-90	W90SSA	5/19/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.40	J	UG/L	0.00	10.00	2.00	X
MW-91	W91SSA	5/19/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	12.00		UG/L	0.00	10.00	2.00	X
MW-91	W91M1A	5/22/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	18.00		UG/L	43.37	53.37	2.00	X
MW-93	W93M2A	5/26/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.20		UG/L	14.50	24.50	2.00	X
MW-93	W93M1A	5/26/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.20	J	UG/L	54.90	64.90	2.00	X
MW-95	W95M1A	5/25/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.20		UG/L	74.99	84.99	2.00	X
MW-98	W98M1A	5/25/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.10		UG/L	25.06	35.06	2.00	X
MW-99	W99M1A	5/25/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.90		UG/L	55.00	65.00	2.00	X
MW-99	W99M1D	5/25/00	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.90		UG/L	55.00	65.00	2.00	X
ASPWELL	ASPWELL	7/20/1999	E200.8	LEAD	53.00		UG/L	0.00	0.00	15.00	X
MW-1	W01SSA	9/7/1999	IM40MB	ANTIMONY	6.70	J	UG/L	0.00	10.00	6.00	X
MW-3	W03DDL	3/6/1998	IM40MB	ANTIMONY	13.80	J	UG/L	218.00	223.00	6.00	X

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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 SEPTEMBER 2000

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-34	W34M2A	8/16/1999	IM40MB	ANTIMONY	6.60	J	UG/L	55.00	65.00	6.00	X
MW-35	W35SSA	8/19/1999	IM40MB	ANTIMONY	6.90	J	UG/L	0.00	10.00	6.00	X
MW-35	W35SSD	8/19/1999	IM40MB	ANTIMONY	13.80	J	UG/L	0.00	10.00	6.00	X
MW-36	W36SSA	8/17/1999	IM40MB	ANTIMONY	6.70	J	UG/L	0.00	10.00	6.00	X
MW-38	W38SSA	8/18/1999	IM40MB	ANTIMONY	7.40		UG/L	0.00	10.00	6.00	X
MW-38	W38M3A	8/18/1999	IM40MB	ANTIMONY	6.60	J	UG/L	53.00	63.00	6.00	X
MW-38	W38DDA	8/17/1999	IM40MB	ANTIMONY	6.90	J	UG/L	125.00	135.00	6.00	X
MW-39	W39M1A	8/18/1999	IM40MB	ANTIMONY	7.50		UG/L	87.00	97.00	6.00	X
MW-50	W50M1A	5/15/00	IM40MB	ANTIMONY	9.50		UG/L	90.00	100.00	6.00	X
PPAWSMW-3	PPAWSMW-3	8/12/1999	IM40MB	ANTIMONY	6.00	J	UG/L	0.00	10.00	6.00	X
MW-7	W07M1A	9/7/1999	IM40MB	ARSENIC	52.80		UG/L	67.00	72.00	50.00	X
MW-52	W52M3L	8/27/1999	IM40MB	CADMIUM	12.20		UG/L	26.00	36.00	5.00	X
MW-7	W07M1A	9/7/1999	IM40MB	CHROMIUM, TOTAL	114.00		UG/L	67.00	72.00	100.00	X
MW-2	W02SSA	2/23/1998	IM40MB	LEAD	20.10		UG/L	0.00	10.00	15.00	X
MW-7	W07M1A	9/7/1999	IM40MB	LEAD	40.20		UG/L	67.00	72.00	15.00	X
MW-7	W07M1D	9/7/1999	IM40MB	LEAD	18.30		UG/L	67.00	72.00	15.00	X
MW-13	W13SSA	1/27/1998	IM40MB	MOLYBDENUM	11.20		UG/L	0.00	10.00	10.00	X
MW-13	W13SSL	1/27/1998	IM40MB	MOLYBDENUM	10.40	J	UG/L	0.00	10.00	10.00	X
MW-13	W13DDA	1/26/1998	IM40MB	MOLYBDENUM	26.60		UG/L	140.00	145.00	10.00	X
MW-13	W13DDL	1/26/1998	IM40MB	MOLYBDENUM	30.40		UG/L	140.00	145.00	10.00	X
MW-13	W13DDA	3/11/1999	IM40MB	MOLYBDENUM	11.00		UG/L	140.00	145.00	10.00	X
MW-13	W13DDD	3/11/1999	IM40MB	MOLYBDENUM	12.10	J	UG/L	140.00	145.00	10.00	X
MW-13	W13DDA	9/9/1999	IM40MB	MOLYBDENUM	17.30		UG/L	140.00	145.00	10.00	X
MW-13	W13DDA	5/17/00	IM40MB	MOLYBDENUM	17.00		UG/L	140.00	145.00	10.00	X
MW-13	W13DDD	5/17/00	IM40MB	MOLYBDENUM	16.80		UG/L	140.00	145.00	10.00	X
MW-16	W16SSA	3/10/1999	IM40MB	MOLYBDENUM	21.00	J	UG/L	0.00	10.00	10.00	X
MW-16	W16DDA	3/9/1999	IM40MB	MOLYBDENUM	22.20		UG/L	108.00	113.00	10.00	X
MW-16	W16DDD	3/9/1999	IM40MB	MOLYBDENUM	23.20		UG/L	108.00	113.00	10.00	X
MW-16	W16DDA	9/9/1999	IM40MB	MOLYBDENUM	18.00	J	UG/L	108.00	113.00	10.00	X
MW-16	W16DDA	5/17/00	IM40MB	MOLYBDENUM	12.20		UG/L	108.00	113.00	10.00	X
MW-17	W17M1L	5/18/1999	IM40MB	MOLYBDENUM	12.60		UG/L	97.00	107.00	10.00	X
MW-2	W02SSA	2/23/1998	IM40MB	MOLYBDENUM	72.10		UG/L	0.00	10.00	10.00	X
MW-2	W02SSL	2/23/1998	IM40MB	MOLYBDENUM	63.30		UG/L	0.00	10.00	10.00	X
MW-2	W02SSA	2/1/1999	IM40MB	MOLYBDENUM	26.10	J	UG/L	0.00	10.00	10.00	X
MW-2	W02SSL	2/1/1999	IM40MB	MOLYBDENUM	34.00		UG/L	0.00	10.00	10.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-2	W02SSA	9/2/1999	IM40MB	MOLYBDENUM	29.00		UG/L	0.00	10.00	10.00	X
MW-2	W02SSL	9/2/1999	IM40MB	MOLYBDENUM	27.10		UG/L	0.00	10.00	10.00	X
MW-2	W02DDA	2/2/1999	IM40MB	MOLYBDENUM	25.60		UG/L	287.00	295.00	10.00	X
MW-2	W02DDL	2/2/1999	IM40MB	MOLYBDENUM	26.30	J	UG/L	287.00	295.00	10.00	X
MW-2	W02DDA	9/3/1999	IM40MB	MOLYBDENUM	12.80		UG/L	287.00	295.00	10.00	X
MW-46	W46M2A	3/30/1999	IM40MB	MOLYBDENUM	48.90		UG/L	55.00	65.00	10.00	X
MW-46	W46M2L	3/30/1999	IM40MB	MOLYBDENUM	51.00		UG/L	55.00	65.00	10.00	X
MW-46	W46M2A	8/24/1999	IM40MB	MOLYBDENUM	17.40		UG/L	55.00	65.00	10.00	X
MW-46	W46M1A	3/29/1999	IM40MB	MOLYBDENUM	32.80		UG/L	102.00	112.00	10.00	X
MW-46	W46DDA	4/1/1999	IM40MB	MOLYBDENUM	17.20		UG/L	135.00	145.00	10.00	X
MW-47	W47M3A	3/29/1999	IM40MB	MOLYBDENUM	43.10		UG/L	21.00	31.00	10.00	X
MW-47	W47M3L	3/29/1999	IM40MB	MOLYBDENUM	40.50		UG/L	21.00	31.00	10.00	X
MW-47	W47M2A	3/26/1999	IM40MB	MOLYBDENUM	11.00		UG/L	38.00	48.00	10.00	X
MW-48	W48M1A	11/23/1999	IM40MB	MOLYBDENUM	17.90		UG/L	90.00	100.00	10.00	X
MW-5	W05DDA	2/13/1998	IM40MB	MOLYBDENUM	28.30		UG/L	220.00	225.00	10.00	X
MW-5	W05DDL	2/13/1998	IM40MB	MOLYBDENUM	26.60		UG/L	220.00	225.00	10.00	X
MW-50	W50M2A	4/26/1999	IM40MB	MOLYBDENUM	20.60		UG/L	59.00	69.00	10.00	X
MW-50	W50M1A	4/27/1999	IM40MB	MOLYBDENUM	11.80		UG/L	90.00	100.00	10.00	X
MW-52	W52M3A	4/7/1999	IM40MB	MOLYBDENUM	72.60		UG/L	26.00	36.00	10.00	X
MW-52	W52M3L	4/7/1999	IM40MB	MOLYBDENUM	67.60		UG/L	26.00	36.00	10.00	X
MW-52	W52M3A	8/27/1999	IM40MB	MOLYBDENUM	23.40		UG/L	26.00	36.00	10.00	X
MW-52	W52M3L	8/27/1999	IM40MB	MOLYBDENUM	23.10		UG/L	26.00	36.00	10.00	X
MW-52	W52M3L	11/8/1999	IM40MB	MOLYBDENUM	10.50		UG/L	26.00	36.00	10.00	X
MW-52	W52M2A	4/29/1999	IM40MB	MOLYBDENUM	15.30		UG/L	74.00	84.00	10.00	X
MW-52	W52M2L	4/29/1999	IM40MB	MOLYBDENUM	18.50		UG/L	74.00	84.00	10.00	X
MW-52	W52DDA	4/2/1999	IM40MB	MOLYBDENUM	51.10		UG/L	219.00	229.00	10.00	X
MW-52	W52DDL	4/2/1999	IM40MB	MOLYBDENUM	48.90		UG/L	219.00	229.00	10.00	X
MW-52	W52DDA	8/30/1999	IM40MB	MOLYBDENUM	28.30		UG/L	219.00	229.00	10.00	X
MW-52	W52DDL	8/30/1999	IM40MB	MOLYBDENUM	26.80		UG/L	219.00	229.00	10.00	X
MW-52	W52DDA	11/9/1999	IM40MB	MOLYBDENUM	22.70		UG/L	219.00	229.00	10.00	X
MW-52	W52DDA	5/22/00	IM40MB	MOLYBDENUM	12.20		UG/L	219.00	229.00	10.00	X
MW-53	W53SSA	2/17/1999	IM40MB	MOLYBDENUM	24.90		UG/L	0.00	10.00	10.00	X
MW-53	W53SSL	2/17/1999	IM40MB	MOLYBDENUM	27.60		UG/L	0.00	10.00	10.00	X
MW-53	W53M1A	5/3/1999	IM40MB	MOLYBDENUM	122.00		UG/L	100.00	110.00	10.00	X
MW-53	W53M1L	5/3/1999	IM40MB	MOLYBDENUM	132.00		UG/L	100.00	110.00	10.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-53	W53M1A	8/30/1999	IM40MB	MOLYBDENUM	55.20		UG/L	100.00	110.00	10.00	X
MW-53	W53M1L	8/30/1999	IM40MB	MOLYBDENUM	54.10		UG/L	100.00	110.00	10.00	X
MW-53	W53M1A	11/5/1999	IM40MB	MOLYBDENUM	41.20		UG/L	100.00	110.00	10.00	X
MW-53	W53M1L	11/5/1999	IM40MB	MOLYBDENUM	38.20		UG/L	100.00	110.00	10.00	X
MW-53	W53M1A	6/1/00	IM40MB	MOLYBDENUM	10.30	J	UG/L	100.00	110.00	10.00	X
MW-53	W53DDA	2/18/1999	IM40MB	MOLYBDENUM	15.90		UG/L	157.00	167.00	10.00	X
MW-53	W53DDL	2/18/1999	IM40MB	MOLYBDENUM	17.40		UG/L	157.00	167.00	10.00	X
MW-53	W53DDA	8/30/1999	IM40MB	MOLYBDENUM	11.50		UG/L	157.00	167.00	10.00	X
MW-54	W54SSA	4/30/1999	IM40MB	MOLYBDENUM	56.70		UG/L	0.00	10.00	10.00	X
MW-54	W54SSL	4/30/1999	IM40MB	MOLYBDENUM	66.20		UG/L	0.00	10.00	10.00	X
MW-54	W54SSA	8/27/1999	IM40MB	MOLYBDENUM	61.40		UG/L	0.00	10.00	10.00	X
MW-54	W54SSA	11/8/1999	IM40MB	MOLYBDENUM	25.50		UG/L	0.00	10.00	10.00	X
MW-54	W54M2A	5/4/1999	IM40MB	MOLYBDENUM	11.20		UG/L	58.00	68.00	10.00	X
MW-54	W54M2L	5/4/1999	IM40MB	MOLYBDENUM	13.10		UG/L	58.00	68.00	10.00	X
MW-54	W54M2A	8/27/1999	IM40MB	MOLYBDENUM	43.70		UG/L	58.00	68.00	10.00	X
MW-54	W54M2L	8/27/1999	IM40MB	MOLYBDENUM	43.20		UG/L	58.00	68.00	10.00	X
MW-54	W54M2A	11/8/1999	IM40MB	MOLYBDENUM	14.50		UG/L	58.00	68.00	10.00	X
MW-54	W54M1A	4/30/1999	IM40MB	MOLYBDENUM	11.80		UG/L	80.00	90.00	10.00	X
MW-54	W54DDA	5/5/1999	IM40MB	MOLYBDENUM	17.50		UG/L	126.00	136.00	10.00	X
MW-55	W55SSA	5/17/1999	IM40MB	MOLYBDENUM	15.90		UG/L	0.00	10.00	10.00	X
MW-55	W55M2A	5/14/1999	IM40MB	MOLYBDENUM	21.80		UG/L	60.00	70.00	10.00	X
MW-55	W55M1A	5/13/1999	IM40MB	MOLYBDENUM	12.50		UG/L	90.00	100.00	10.00	X
MW-55	W55DDA	5/13/1999	IM40MB	MOLYBDENUM	22.60		UG/L	120.00	130.00	10.00	X
MW-55	W55DDA	8/30/1999	IM40MB	MOLYBDENUM	14.20		UG/L	120.00	130.00	10.00	X
MW-55	W55DDA	11/8/1999	IM40MB	MOLYBDENUM	11.00		UG/L	120.00	130.00	10.00	X
MW-57	W57SSA	12/21/1999	IM40MB	MOLYBDENUM	15.20		UG/L	0.00	10.00	10.00	X
MW-57	W57SSD	12/21/1999	IM40MB	MOLYBDENUM	16.30		UG/L	0.00	10.00	10.00	X
MW-57	W57SSA	3/22/00	IM40MB	MOLYBDENUM	10.30	J	UG/L	0.00	10.00	10.00	X
MW-57	W57SSD	3/22/00	IM40MB	MOLYBDENUM	10.10	J	UG/L	0.00	10.00	10.00	X
MW-57	W57M3A	12/13/1999	IM40MB	MOLYBDENUM	21.90		UG/L	30.00	40.00	10.00	X
MW-57	W57M2A	3/22/00	IM40MB	MOLYBDENUM	10.80	J	UG/L	60.00	70.00	10.00	X
MW-57	W57DDA	12/13/1999	IM40MB	MOLYBDENUM	18.60		UG/L	125.00	135.00	10.00	X
MW-57	W57DDL	12/13/1999	IM40MB	MOLYBDENUM	17.80		UG/L	125.00	135.00	10.00	X
MW-63	W63SSA	9/21/1999	IM40MB	MOLYBDENUM	12.70		UG/L	0.00	10.00	10.00	X
MW-63	W63SSL	9/21/1999	IM40MB	MOLYBDENUM	11.10		UG/L	0.00	10.00	10.00	X

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TABLE 3
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1997 THROUGH SEPTEMBER 2000

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-7	W07M1A	9/7/1999	IM40MB	MOLYBDENUM	10.20		UG/L	67.00	72.00	10.00	X
MW-81	W81M1A	10/13/1999	IM40MB	MOLYBDENUM	24.30		UG/L	99.00	109.00	10.00	X
MW-81	W81M1L	10/13/1999	IM40MB	MOLYBDENUM	22.10		UG/L	99.00	109.00	10.00	X
MW-82	W82DDA	10/13/1999	IM40MB	MOLYBDENUM	15.40		UG/L	96.00	106.00	10.00	X
MW-82	W82DDL	10/13/1999	IM40MB	MOLYBDENUM	14.40		UG/L	96.00	106.00	10.00	X
MW-83	W83DDA	10/12/1999	IM40MB	MOLYBDENUM	13.40		UG/L	105.00	115.00	10.00	X
15MW0002	15MW0002	4/8/1999	IM40MB	SODIUM	37,600.00		UG/L	0.00	10.00	20,000.00	X
90WT0010	90WT0010	6/5/00	IM40MB	SODIUM	23,600.00		UG/L	0.00	10.00	20,000.00	X
90WT0010	90WT0010-L	6/5/00	IM40MB	SODIUM	24,200.00		UG/L	0.00	0.00	20,000.00	X
90WT0015	90WT0015	4/23/1999	IM40MB	SODIUM	34,300.00		UG/L	0.00	10.00	20,000.00	X
MW-16	W16SSA	11/17/1997	IM40MB	SODIUM	20,900.00		UG/L	0.00	10.00	20,000.00	X
MW-16	W16SSL	11/17/1997	IM40MB	SODIUM	20,400.00		UG/L	0.00	10.00	20,000.00	X
MW-2	W02SSA	2/23/1998	IM40MB	SODIUM	27,200.00		UG/L	0.00	10.00	20,000.00	X
MW-2	W02SSL	2/23/1998	IM40MB	SODIUM	26,300.00		UG/L	0.00	10.00	20,000.00	X
MW-2	W02SSA	2/1/1999	IM40MB	SODIUM	20,300.00		UG/L	0.00	10.00	20,000.00	X
MW-2	W02SSL	2/1/1999	IM40MB	SODIUM	20,100.00		UG/L	0.00	10.00	20,000.00	X
MW-2	W02DDA	11/19/1997	IM40MB	SODIUM	21,500.00		UG/L	287.00	295.00	20,000.00	X
MW-2	W02DDL	11/19/1997	IM40MB	SODIUM	22,600.00		UG/L	287.00	295.00	20,000.00	X
MW-21	W21SSA	10/24/1997	IM40MB	SODIUM	24,000.00		UG/L	0.00	10.00	20,000.00	X
MW-21	W21SSL	10/24/1997	IM40MB	SODIUM	24,200.00		UG/L	0.00	10.00	20,000.00	X
MW-46	W46SSA	8/25/1999	IM40MB	SODIUM	20,600.00		UG/L	0.00	10.00	20,000.00	X
MW-46	W46M2A	3/30/1999	IM40MB	SODIUM	23,300.00		UG/L	55.00	65.00	20,000.00	X
MW-46	W46M2L	3/30/1999	IM40MB	SODIUM	24,400.00		UG/L	55.00	65.00	20,000.00	X
MW-54	W54SSA	8/27/1999	IM40MB	SODIUM	33,300.00		UG/L	0.00	10.00	20,000.00	X
MW-57	W57M2A	12/21/1999	IM40MB	SODIUM	23,500.00		UG/L	60.00	70.00	20,000.00	X
MW-57	W57M2A	3/22/00	IM40MB	SODIUM	24,500.00		UG/L	60.00	70.00	20,000.00	X
MW-57	W57M1A	12/14/1999	IM40MB	SODIUM	23,700.00		UG/L	100.00	110.00	20,000.00	X
MW-57	W57M1A	3/7/00	IM40MB	SODIUM	20,900.00		UG/L	100.00	110.00	20,000.00	X
SDW261160	WG160L	1/7/1998	IM40MB	SODIUM	20,600.00		UG/L	0.00	0.00	20,000.00	X
SDW261160	WG160A	1/13/1999	IM40MB	SODIUM	27,200.00		UG/L	0.00	0.00	20,000.00	X
SDW261160	WG160L	1/13/1999	IM40MB	SODIUM	28,200.00		UG/L	0.00	0.00	20,000.00	X
03MW0006	03MW0006	4/15/1999	IM40MB	THALLIUM	2.60	J	UG/L	0.00	10.00	2.00	X
03MW0022A	03MW0022A	4/16/1999	IM40MB	THALLIUM	3.90		UG/L	71.00	76.00	2.00	X
03MW0027A	03MW0027A	4/14/1999	IM40MB	THALLIUM	2.00	J	UG/L	64.00	69.00	2.00	X
11MW0004	11MW0004	4/16/1999	IM40MB	THALLIUM	2.30	J	UG/L	0.00	10.00	2.00	X

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1997 THROUGH SEPTEMBER 2000

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
27MW0020Z	27MW0020Z	4/16/1999	IM40MB	THALLIUM	2.70	J	UG/L	98.00	103.00	2.00	X
90MW0038	90MW0038	4/21/1999	IM40MB	THALLIUM	4.40	J	UG/L	29.00	34.00	2.00	X
90WT0010	WF10XA	1/16/1998	IM40MB	THALLIUM	6.50	J	UG/L	2.00	12.00	2.00	X
LRWS1-4	WL14XA	1/7/1999	IM40MB	THALLIUM	5.20	J	UG/L	107.00	117.00	2.00	X
MW-1	W01SSA	9/7/1999	IM40MB	THALLIUM	2.90	J	UG/L	0.00	10.00	2.00	X
MW-18	W18SSA	3/12/1999	IM40MB	THALLIUM	2.30	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	9/10/1999	IM40MB	THALLIUM	3.80	J	UG/L	0.00	10.00	2.00	X
MW-19	W19DDL	2/11/1999	IM40MB	THALLIUM	3.10	J	UG/L	251.00	256.00	2.00	X
MW-21	W21SSA	10/24/1997	IM40MB	THALLIUM	6.90	J	UG/L	0.00	10.00	2.00	X
MW-21	W21M2A	11/1/1999	IM40MB	THALLIUM	4.00	J	UG/L	58.00	68.00	2.00	X
MW-23	W23SSA	9/14/1999	IM40MB	THALLIUM	4.70	J	UG/L	0.00	10.00	2.00	X
MW-25	W25SSA	9/14/1999	IM40MB	THALLIUM	5.30	J	UG/L	0.00	10.00	2.00	X
MW-37	W37M2A	12/29/1999	IM40MB	THALLIUM	4.90	J	UG/L	28.00	38.00	2.00	X
MW-38	W38M4A	8/18/1999	IM40MB	THALLIUM	2.80	J	UG/L	15.00	25.00	2.00	X
MW-38	W38M2A	5/11/1999	IM40MB	THALLIUM	4.90	J	UG/L	70.00	80.00	2.00	X
MW-41	W41M2A	4/2/1999	IM40MB	THALLIUM	2.50	J	UG/L	69.00	79.00	2.00	X
MW-42	W42M2A	11/19/1999	IM40MB	THALLIUM	4.00	J	UG/L	119.00	129.00	2.00	X
MW-45	W45SSA	5/26/1999	IM40MB	THALLIUM	3.00	J	UG/L	0.00	10.00	2.00	X
MW-46	W46M1A	5/16/00	IM40MB	THALLIUM	5.30	J	UG/L	102.00	112.00	2.00	X
MW-46	W46DDA	11/2/1999	IM40MB	THALLIUM	5.10	J	UG/L	135.00	145.00	2.00	X
MW-47	W47M3A	8/25/1999	IM40MB	THALLIUM	3.20	J	UG/L	21.00	31.00	2.00	X
MW-47	W47M3A	5/31/00	IM40MB	THALLIUM	5.00	J	UG/L	21.00	31.00	2.00	X
MW-47	W47M2A	3/26/1999	IM40MB	THALLIUM	3.20	J	UG/L	38.00	48.00	2.00	X
MW-47	W47M2A	8/25/1999	IM40MB	THALLIUM	4.00	J	UG/L	38.00	48.00	2.00	X
MW-47	W47M1A	8/24/1999	IM40MB	THALLIUM	2.60	J	UG/L	75.00	85.00	2.00	X
MW-48	W48M3A	2/28/00	IM40MB	THALLIUM	4.20	J	UG/L	29.73	39.73	2.00	X
MW-49	W49SSA	11/19/1999	IM40MB	THALLIUM	4.70	J	UG/L	0.00	10.00	2.00	X
MW-50	W50M1A	5/15/00	IM40MB	THALLIUM	6.20	J	UG/L	90.00	100.00	2.00	X
MW-51	W51M3A	8/25/1999	IM40MB	THALLIUM	4.30	J	UG/L	29.00	39.00	2.00	X
MW-52	W52SSA	8/26/1999	IM40MB	THALLIUM	3.60	J	UG/L	0.00	10.00	2.00	X
MW-52	W52SSA	11/18/1999	IM40MB	THALLIUM	4.30	J	UG/L	0.00	10.00	2.00	X
MW-52	W52SSA	5/23/00	IM40MB	THALLIUM	4.70	J	UG/L	0.00	10.00	2.00	X
MW-52	W52M3L	4/7/1999	IM40MB	THALLIUM	3.60	J	UG/L	26.00	36.00	2.00	X
MW-52	W52DDA	4/2/1999	IM40MB	THALLIUM	2.80	J	UG/L	219.00	229.00	2.00	X
MW-52	W52DDL	4/2/1999	IM40MB	THALLIUM	2.60	J	UG/L	219.00	229.00	2.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
MW-52	W52DDA	8/30/1999	IM40MB	THALLIUM	3.80	J	UG/L	219.00	229.00	2.00	X
MW-53	W53M1A	11/5/1999	IM40MB	THALLIUM	3.40	J	UG/L	100.00	110.00	2.00	X
MW-54	W54SSA	11/8/1999	IM40MB	THALLIUM	7.40	J	UG/L	0.00	10.00	2.00	X
MW-54	W54SSA	6/6/00	IM40MB	THALLIUM	4.60	J	UG/L	0.00	10.00	2.00	X
MW-54	W54M1A	8/30/1999	IM40MB	THALLIUM	2.80	J	UG/L	80.00	90.00	2.00	X
MW-54	W54M1A	11/5/1999	IM40MB	THALLIUM	3.90	J	UG/L	80.00	90.00	2.00	X
MW-55	W55M1A	8/31/1999	IM40MB	THALLIUM	2.50	J	UG/L	90.00	100.00	2.00	X
MW-57	W57M2A	3/22/00	IM40MB	THALLIUM	4.10	J	UG/L	60.00	70.00	2.00	X
MW-58	W58SSA	5/11/00	IM40MB	THALLIUM	7.30	J	UG/L	0.00	10.00	2.00	X
MW-64	W64M1A	2/7/00	IM40MB	THALLIUM	4.10	J	UG/L	37.00	47.00	2.00	X
MW-7	W07MMA	2/23/1999	IM40MB	THALLIUM	4.10	J	UG/L	67.00	72.00	2.00	X
MW-7	W07M1A	9/7/1999	IM40MB	THALLIUM	26.20		UG/L	67.00	72.00	2.00	X
MW-7	W07M1D	9/7/1999	IM40MB	THALLIUM	12.70		UG/L	67.00	72.00	2.00	X
MW-7	W07M2L	2/5/1998	IM40MB	THALLIUM	6.60	J	UG/L	137.00	142.00	2.00	X
MW-7	W07M2A	2/24/1999	IM40MB	THALLIUM	4.40	J	UG/L	137.00	142.00	2.00	X
MW-72	W72SSA	5/27/1999	IM40MB	THALLIUM	4.00		UG/L	0.00	10.00	2.00	X
MW-83	W83SSA	1/13/00	IM40MB	THALLIUM	3.60	J	UG/L	0.00	10.00	2.00	X
MW-84	W84SSA	10/21/1999	IM40MB	THALLIUM	3.20	J	UG/L	0.00	10.00	2.00	X
PPAWSMW-1	PPAWSMW-1	6/22/1999	IM40MB	THALLIUM	3.10	J	UG/L	10.00	20.00	2.00	X
SMR-2	WSMR2A	3/25/1999	IM40MB	THALLIUM	2.00	J	UG/L	0.00	10.00	2.00	X
95-14	W9514A	9/28/1999	IM40MB	ZINC	2,430.00		UG/L	90.00	120.00	2,000.00	X
95-15	W9515A	10/17/1997	IM40MB	ZINC	7,210.00		UG/L	80.00	92.00	2,000.00	X
95-15	W9515L	10/17/1997	IM40MB	ZINC	4,620.00		UG/L	80.00	92.00	2,000.00	X
LRWS3-1	WL31XA	10/21/1997	IM40MB	ZINC	2,480.00		UG/L	102.00	117.00	2,000.00	X
LRWS3-1	WL31XL	10/21/1997	IM40MB	ZINC	2,410.00		UG/L	102.00	117.00	2,000.00	X
LRWS4-1	WL41XA	11/24/1997	IM40MB	ZINC	3,220.00		UG/L	66.00	91.00	2,000.00	X
LRWS4-1	WL41XL	11/24/1997	IM40MB	ZINC	3,060.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51DL	11/25/1997	IM40MB	ZINC	4,410.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XA	11/25/1997	IM40MB	ZINC	4,510.00		UG/L	187.00	202.00	2,000.00	X
LRWS5-1	WL51XD	11/25/1997	IM40MB	ZINC	4,390.00		UG/L	187.00	202.00	2,000.00	X
LRWS5-1	WL51XL	11/25/1997	IM40MB	ZINC	3,900.00		UG/L	187.00	202.00	2,000.00	X
LRWS5-1	WL51XA	1/25/1999	IM40MB	ZINC	3,980.00		UG/L	187.00	202.00	2,000.00	X
LRWS5-1	WL51XL	1/25/1999	IM40MB	ZINC	3,770.00		UG/L	187.00	202.00	2,000.00	X
LRWS6-1	WL61XA	11/17/1997	IM40MB	ZINC	3,480.00		UG/L	184.00	199.00	2,000.00	X
LRWS6-1	WL61XL	11/17/1997	IM40MB	ZINC	2,600.00		UG/L	184.00	199.00	2,000.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
LRWS6-1	WL61XA	1/28/1999	IM40MB	ZINC	2,240.00		UG/L	184.00	199.00	2,000.00	X
LRWS6-1	WL61XL	1/28/1999	IM40MB	ZINC	2,200.00		UG/L	184.00	199.00	2,000.00	X
LRWS7-1	WL71XA	11/21/1997	IM40MB	ZINC	4,320.00		UG/L	186.00	201.00	2,000.00	X
LRWS7-1	WL71XL	11/21/1997	IM40MB	ZINC	3,750.00		UG/L	186.00	201.00	2,000.00	X
LRWS7-1	WL71XA	1/22/1999	IM40MB	ZINC	4,160.00		UG/L	186.00	201.00	2,000.00	X
LRWS7-1	WL71XL	1/22/1999	IM40MB	ZINC	4,100.00		UG/L	186.00	201.00	2,000.00	X
MW-41	W41M1A	8/19/1999	OC21B	2,6-DINITROTOLUENE	5.00	J	UG/L	110.00	120.00	5.00	X
03MW0122A	WS122A	9/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	12.00		UG/L	1.00	11.00	6.00	X
11MW0003	WF143A	2/25/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00		UG/L	0.00	0.00	6.00	X
11MW0003	WF143A	9/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	24.00		UG/L	0.00	0.00	6.00	X
15MW0004	15MW0004	4/9/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	6.00		UG/L	0.00	10.00	6.00	X
15MW0008	15MW0008D	4/12/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	25.00	J	UG/L	0.00	0.00	6.00	X
28MW0106	WL28XA	2/19/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	18.00	J	UG/L	0.00	10.00	6.00	X
28MW0106	WL28XA	3/23/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	26.00		UG/L	0.00	10.00	6.00	X
58MW0002	WC2XXA	2/26/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	36.00		UG/L	0.00	0.00	6.00	X
58MW0005E	WC5EXA	9/27/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	0.00	10.00	6.00	X
58MW0006E	WC6EXA	10/3/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	59.00		UG/L	0.00	10.00	6.00	X
58MW0006E	WC6EXD	10/3/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	57.00		UG/L	0.00	10.00	6.00	X
58MW0006E	WC6EXA	1/29/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	6.00		UG/L	0.00	10.00	6.00	X
58MW0007C	WC7CXA	9/28/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	13.00		UG/L	24.00	29.00	6.00	X
90MW0054	WF12XA	10/4/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	13.00	J	UG/L	95.00	100.00	6.00	X
90WT0003	WF03XA	9/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	58.00		UG/L	0.00	10.00	6.00	X
90WT0005	WF05XA	1/13/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	47.00		UG/L	0.00	10.00	6.00	X
90WT0013	WF13XA	1/16/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	34.00		UG/L	2.00	12.00	6.00	X
90WT0013	WF13XA	1/14/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	16.00		UG/L	2.00	12.00	6.00	X
95-14	W9514A	9/28/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	22.00		UG/L	90.00	120.00	6.00	X
97-1	W9701A	11/19/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	54.00	J	UG/L	62.00	72.00	6.00	X
97-1	W9701D	11/19/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	28.00	J	UG/L	62.00	72.00	6.00	X
97-2	W9702A	11/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00		UG/L	53.00	63.00	6.00	X
97-3	W9703A	11/21/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	73.00	J	UG/L	36.00	46.00	6.00	X
97-5	W9705A	11/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	15.00		UG/L	76.00	86.00	6.00	X
BHW215083	WG083A	11/26/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	13.00		UG/L	0.00	0.00	6.00	X
LRWS1-4	WL14XA	10/6/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	78.00	J	UG/L	107.00	117.00	6.00	X
LRWS2-3	WL23XA	11/21/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	20.00	J	UG/L	68.00	83.00	6.00	X
LRWS2-6	WL26XA	10/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	21.00		UG/L	75.00	90.00	6.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	MCL/HA	>MCL/HA
LRWS2-6	WL26XA	10/4/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00	J	UG/L	75.00	90.00	6.00	X
LRWS4-1	WL41XA	11/24/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	100.00		UG/L	66.00	91.00	6.00	X
LRWS5-1	WL51XA	11/25/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00		UG/L	187.00	202.00	6.00	X
MW-10	W10SSA	9/16/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	39.00		UG/L	0.00	10.00	6.00	X
MW-11	W11SSA	11/6/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	33.00	J	UG/L	0.00	10.00	6.00	X
MW-11	W11SSD	11/6/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	23.00	J	UG/L	0.00	10.00	6.00	X
MW-12	W12SSA	11/6/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	28.00		UG/L	0.00	10.00	6.00	X
MW-14	W14SSA	11/4/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	14.00		UG/L	0.00	10.00	6.00	X
MW-16	W16SSA	11/17/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	28.00		UG/L	0.00	10.00	6.00	X
MW-16	W16DDA	11/17/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	43.00		UG/L	108.00	113.00	6.00	X
MW-17	W17SSD	11/10/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	120.00	J	UG/L	0.00	10.00	6.00	X
MW-17	W17DDA	11/11/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	42.00		UG/L	197.00	207.00	6.00	X
MW-18	W18SSA	10/10/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	36.00		UG/L	0.00	10.00	6.00	X
MW-18	W18DDA	9/10/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	11.00		UG/L	223.00	233.00	6.00	X
MW-19	W19DDA	3/4/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00		UG/L	251.00	256.00	6.00	X
MW-2	W02M2A	1/20/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	24.00		UG/L	31.00	36.00	6.00	X
MW-2	W02M1A	1/21/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	10.00	J	UG/L	73.00	78.00	6.00	X
MW-2	W02DDA	2/2/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00		UG/L	287.00	295.00	6.00	X
MW-20	W20SSA	11/7/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	280.00		UG/L	0.00	10.00	6.00	X
MW-21	W21M2A	4/1/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	58.00	68.00	6.00	X
MW-22	W22SSA	11/24/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	96.00		UG/L	0.00	10.00	6.00	X
MW-22	W22SSA	9/20/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	18.00		UG/L	0.00	10.00	6.00	X
MW-23	W23SSA	10/27/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	24.00		UG/L	0.00	10.00	6.00	X
MW-23	W23M3A	11/13/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	10.00		UG/L	153.00	163.00	6.00	X
MW-23	W23M3D	11/13/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	13.00		UG/L	153.00	163.00	6.00	X
MW-24	W24SSA	11/14/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	0.00	10.00	6.00	X
MW-27	W27SSA	9/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00		UG/L	0.00	10.00	6.00	X
MW-28	W28SSA	11/3/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	11.00		UG/L	0.00	10.00	6.00	X
MW-28	W28SSA	9/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	150.00	J	UG/L	0.00	10.00	6.00	X
MW-29	W29SSA	11/3/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	16.00		UG/L	0.00	10.00	6.00	X
MW-29	W29SSA	9/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	20.00		UG/L	0.00	10.00	6.00	X
MW-36	W36M2A	8/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	59.00	69.00	6.00	X
MW-38	W38M3A	5/6/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	15.00		UG/L	53.00	63.00	6.00	X
MW-4	W04SSA	11/4/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	30.00		UG/L	0.00	10.00	6.00	X
MW-41	W41M2A	11/12/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00		UG/L	69.00	79.00	6.00	X

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MW-43	W43M1A	5/26/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	6.00		UG/L	93.00	103.00	6.00	X
MW-44	W44M1A	9/20/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	14.00		UG/L	55.00	65.00	6.00	X
MW-45	W45M1A	5/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	37.00		UG/L	98.00	108.00	6.00	X
MW-46	W46M1A	11/1/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	6.00	J	UG/L	102.00	112.00	6.00	X
MW-46	W46DDA	11/2/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	14.00	J	UG/L	135.00	145.00	6.00	X
MW-47	W47M1A	8/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	14.00		UG/L	75.00	85.00	6.00	X
MW-47	W47DDA	8/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	16.00		UG/L	100.00	110.00	6.00	X
MW-49	W49SSA	3/1/00	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	290.00		UG/L	0.00	10.00	6.00	X
MW-5	W05DDA	2/13/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00	J	UG/L	220.00	225.00	6.00	X
MW-52	W52M3A	8/27/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00	J	UG/L	26.00	36.00	6.00	X
MW-53	W53M1A	8/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	31.00		UG/L	100.00	110.00	6.00	X
MW-53	W53DDA	2/18/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	18.00		UG/L	157.00	167.00	6.00	X
MW-55	W55DDA	5/13/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	120.00	130.00	6.00	X
MW-57	W57SSA	12/21/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	3,300.00	J	UG/L	0.00	10.00	6.00	X
MW-57	W57DDA	12/13/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	95.00		UG/L	125.00	135.00	6.00	X
MW-7	W07SSA	10/31/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	10.00		UG/L	0.00	10.00	6.00	X
MW-70	W70M1A	10/27/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	10.00		UG/L	130.00	140.00	6.00	X
MW-84	W84DDA	3/3/00	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	30.00		UG/L	151.00	161.00	6.00	X
RW-1	WRW1XA	2/18/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	59.00		UG/L	0.00	9.00	6.00	X
RW-1	WRW1XD	10/6/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	11.00	J	UG/L	0.00	9.00	6.00	X
90MW0003	WF03MA	10/7/1999	OC21B	NAPHTHALENE	33.00		UG/L	60.00	65.00	20.00	X
MW-45	W45SSA	5/26/1999	OC21B	NAPHTHALENE	24.00		UG/L	0.00	10.00	20.00	X
MW-45	W45SSA	11/16/1999	OC21B	NAPHTHALENE	27.00		UG/L	0.00	10.00	20.00	X
90MW0003	WF03MA	10/7/1999	OC21V	1,2-DICHLOROETHANE	5.00		UG/L	60.00	65.00	5.00	X
03MW0007A	03MW0007A	4/13/1999	OC21V	TETRACHLOROETHYLENE(P	6.00		UG/L	21.00	26.00	5.00	X
03MW0014A	03MW0014A	4/13/1999	OC21V	TETRACHLOROETHYLENE(P	8.00		UG/L	38.00	43.00	5.00	X
03MW0020	03MW0020	4/14/1999	OC21V	TETRACHLOROETHYLENE(P	12.00		UG/L	36.00	41.00	5.00	X
MW-45	W45SSA	11/16/1999	OC21V	TOLUENE	1,000.00		UG/L	0.00	10.00	1,000.00	X
27MW0017B	27MW0017B	4/30/1999	OC21V	VINYL CHLORIDE	2.00		UG/L	21.00	26.00	2.00	X
PPAWSMW-1	PPAWSMW-1	6/22/1999	OL21P	DIELDRIN	3.00		UG/L	10.00	20.00	0.50	X

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/00-9/30/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
HDJ240MM1	HDJ240MM1	09/11/2000	CRATER GRAB	0.00	0.25			8330N	PENTAERYTHRITOL TETRANITR/	NO
HDP19105MMSS	HDP19105MMSS2	09/20/2000	CRATER GRID	0.00	0.25			8330N	2-AMINO-4,6-DINITROTOLUENE	YES
HDP19105MMSS	HDP19105MMSS2	09/20/2000	CRATER GRID	0.00	0.25			8330N	PENTAERYTHRITOL TETRANITR/	NO
W108M4A	MW-108	09/22/2000	GROUNDWATER	240.00	250.00	73.41	83.41	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W108M4A	MW-108	09/22/2000	GROUNDWATER	240.00	250.00	73.41	83.41	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W30SSA	MW-30	09/07/2000	GROUNDWATER	26.00	36.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W37M2A	MW-37	08/31/2000	GROUNDWATER	145.00	155.00	22.84	32.84	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W37M3A	MW-37	08/31/2000	GROUNDWATER	130.00	140.00	8.03	18.03	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W40M1A	MW-40	09/01/2000	GROUNDWATER	132.50	142.50	11.00	21.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W40SSA	MW-40	09/01/2000	GROUNDWATER	115.50	125.50	0.00	10.00	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W40SSA	MW-40	09/01/2000	GROUNDWATER	115.50	125.50	0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W44SSA	MW-44	09/01/2000	GROUNDWATER	123.00	133.00	0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	8330N	1,3,5-TRINITROBENZENE	NO
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	8330N	2,6-DINITROTOLUENE	NO
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	8330N	2-NITROTOLUENE	NO
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	8330N	3-NITROTOLUENE	NO
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	8330N	4-NITROTOLUENE	NO
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	8330N	NITROGLYCERIN	NO
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	8330N	PICRIC ACID	NO
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	OC21V	1,2-DIBROMO-3-CHLOROPROPAN	
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	OC21V	1,2-DICHLOROBENZENE	
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	OC21V	ACETONE	
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	OC21V	CHLOROETHANE	
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	OC21V	CHLOROMETHANE	
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	OC21V	ETHYLBENZENE	
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	OC21V	METHYLENE CHLORIDE	
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	OC21V	TOLUENE	
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	OC21V	TRANS-1,3-DICHLOROPROPENE	
W45SSA	MW-45	08/31/2000	GROUNDWATER	89.00	99.00	0.00	10.00	OC21V	XYLENES, TOTAL	
W58SSA	MW-58	09/05/2000	GROUNDWATER	100.00	110.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/00-9/30/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W58SSA	MW-58	09/05/2000	GROUNDWATER	100.00	110.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W59SSA	MW-59	09/18/2000	GROUNDWATER	128.00	138.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W59SSA	MW-59	09/18/2000	GROUNDWATER	128.00	138.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W73SSA	MW-73	09/05/2000	GROUNDWATER	39.00	49.00	0.00	10.00	8330N	2,4,6-TRINITROTOLUENE	YES
W73SSA	MW-73	09/05/2000	GROUNDWATER	39.00	49.00	0.00	10.00	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W73SSA	MW-73	09/05/2000	GROUNDWATER	39.00	49.00	0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W73SSA	MW-73	09/05/2000	GROUNDWATER	39.00	49.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W73SSA	MW-73	09/05/2000	GROUNDWATER	39.00	49.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W86M2A	MW-86	09/14/2000	GROUNDWATER	158.00	168.00	12.15	22.15	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W86M2D	MW-86	09/14/2000	GROUNDWATER	158.00	168.00	12.15	22.15	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W86SSA	MW-86	09/18/2000	GROUNDWATER	143.00	153.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W87M1A	MW-87	09/14/2000	GROUNDWATER	194.00	204.00	59.50	69.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W87M1A	MW-87	09/14/2000	GROUNDWATER	194.00	204.00	59.50	69.50	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W87M2A	MW-87	09/14/2000	GROUNDWATER	169.00	179.00	34.40	44.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W87M2D	MW-87	09/14/2000	GROUNDWATER	169.00	179.00	34.40	44.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W88M2A	MW-88	09/21/2000	GROUNDWATER	213.00	223.00	99.80	109.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W88M2A	MW-88	09/21/2000	GROUNDWATER	213.00	223.00	99.80	109.80	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W89M1A	MW-89	09/21/2000	GROUNDWATER	234.00	244.00	89.30	99.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W89M2A	MW-89	09/21/2000	GROUNDWATER	214.00	224.00	78.10	88.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W89M2A	MW-89	09/21/2000	GROUNDWATER	214.00	224.00	78.10	88.10	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W89M3A	MW-89	09/21/2000	GROUNDWATER	174.00	184.00	29.00	39.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W95M1A	MW-95	09/21/2000	GROUNDWATER	202.00	212.00	74.70	84.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W95M1D	MW-95	09/21/2000	GROUNDWATER	202.00	212.00	74.70	84.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W96M2A	MW-96	09/28/2000	GROUNDWATER	160.00	170.00	23.00	33.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	
G118DMA	MW-118	08/30/2000	PROFILE	230.00	230.00	119.00	119.00	OC21V	ACETONE	
G118DMA	MW-118	08/30/2000	PROFILE	230.00	230.00	119.00	119.00	OC21V	CHLOROFORM	
G118DMA	MW-118	08/30/2000	PROFILE	230.00	230.00	119.00	119.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G118DNA	MW-118	08/30/2000	PROFILE	240.00	240.00	129.00	129.00	OC21V	ACETONE	
G118DNA	MW-118	08/30/2000	PROFILE	240.00	240.00	129.00	129.00	OC21V	CHLOROFORM	
G118DNA	MW-118	08/30/2000	PROFILE	240.00	240.00	129.00	129.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G118DOA	MW-118	08/30/2000	PROFILE	250.00	250.00	139.00	139.00	OC21V	ACETONE	
G118DOA	MW-118	08/30/2000	PROFILE	250.00	250.00	139.00	139.00	OC21V	METHYL ETHYL KETONE (2-BUTA	

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PDA/NO = Photo Diode Array, Detect Not Confirmed

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/00-9/30/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G118DPA	MW-118	08/31/2000	PROFILE	260.00	260.00	149.00	149.00	OC21V	ACETONE	
G118DPA	MW-118	08/31/2000	PROFILE	260.00	260.00	149.00	149.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G118DQA	MW-118	08/31/2000	PROFILE	270.00	270.00	159.00	159.00	OC21V	ACETONE	
G118DQA	MW-118	08/31/2000	PROFILE	270.00	270.00	159.00	159.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G118DRA	MW-118	08/31/2000	PROFILE	280.00	280.00	169.00	169.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G118DRA	MW-118	08/31/2000	PROFILE	280.00	280.00	169.00	169.00	OC21V	ACETONE	
G118DRA	MW-118	08/31/2000	PROFILE	280.00	280.00	169.00	169.00	OC21V	CHLOROFORM	
G118DRA	MW-118	08/31/2000	PROFILE	280.00	280.00	169.00	169.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G118DRA	MW-118	08/31/2000	PROFILE	280.00	280.00	169.00	169.00	OC21V	TOLUENE	
G120DAA	MW-120	08/30/2000	PROFILE	110.00	110.00	5.20	5.20	8330N	2,6-DINITROTOLUENE	NO
G120DAA	MW-120	08/30/2000	PROFILE	110.00	110.00	5.20	5.20	8330N	2-NITROTOLUENE	NO
G120DAA	MW-120	08/30/2000	PROFILE	110.00	110.00	5.20	5.20	8330N	3-NITROTOLUENE	NO
G120DAA	MW-120	08/30/2000	PROFILE	110.00	110.00	5.20	5.20	8330N	4-NITROTOLUENE	NO
G120DAA	MW-120	08/30/2000	PROFILE	110.00	110.00	5.20	5.20	OC21V	2-HEXANONE	
G120DAA	MW-120	08/30/2000	PROFILE	110.00	110.00	5.20	5.20	OC21V	ACETONE	
G120DAA	MW-120	08/30/2000	PROFILE	110.00	110.00	5.20	5.20	OC21V	CHLOROMETHANE	
G120DAA	MW-120	08/30/2000	PROFILE	110.00	110.00	5.20	5.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DAA	MW-120	08/30/2000	PROFILE	110.00	110.00	5.20	5.20	OC21V	METHYL ISOBUTYL KETONE (4-M	
G120DBA	MW-120	08/30/2000	PROFILE	120.00	120.00	15.20	15.20	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G120DBA	MW-120	08/30/2000	PROFILE	120.00	120.00	15.20	15.20	8330N	NITROGLYCERIN	NO
G120DBA	MW-120	08/30/2000	PROFILE	120.00	120.00	15.20	15.20	OC21V	ACETONE	
G120DBA	MW-120	08/30/2000	PROFILE	120.00	120.00	15.20	15.20	OC21V	CHLOROFORM	
G120DBA	MW-120	08/30/2000	PROFILE	120.00	120.00	15.20	15.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DCA	MW-120	08/30/2000	PROFILE	130.00	130.00	25.20	25.20	8330N	2,6-DINITROTOLUENE	NO
G120DCA	MW-120	08/30/2000	PROFILE	130.00	130.00	25.20	25.20	8330N	NITROGLYCERIN	NO
G120DCA	MW-120	08/30/2000	PROFILE	130.00	130.00	25.20	25.20	OC21V	2-HEXANONE	
G120DCA	MW-120	08/30/2000	PROFILE	130.00	130.00	25.20	25.20	OC21V	ACETONE	
G120DCA	MW-120	08/30/2000	PROFILE	130.00	130.00	25.20	25.20	OC21V	CHLOROFORM	
G120DCA	MW-120	08/30/2000	PROFILE	130.00	130.00	25.20	25.20	OC21V	CHLOROMETHANE	
G120DCA	MW-120	08/30/2000	PROFILE	130.00	130.00	25.20	25.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DCA	MW-120	08/30/2000	PROFILE	130.00	130.00	25.20	25.20	OC21V	METHYL ISOBUTYL KETONE (4-M	
G120DDA	MW-120	08/30/2000	PROFILE	140.00	140.00	35.20	35.20	8330N	NITROGLYCERIN	NO

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(UNVALIDATED)
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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G120DDA	MW-120	08/30/2000	PROFILE	140.00	140.00	35.20	35.20	8330N	PICRIC ACID	NO
G120DDA	MW-120	08/30/2000	PROFILE	140.00	140.00	35.20	35.20	OC21V	ACETONE	
G120DDA	MW-120	08/30/2000	PROFILE	140.00	140.00	35.20	35.20	OC21V	CHLOROFORM	
G120DDA	MW-120	08/30/2000	PROFILE	140.00	140.00	35.20	35.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DEA	MW-120	08/30/2000	PROFILE	150.00	150.00	45.20	45.20	OC21V	ACETONE	
G120DEA	MW-120	08/30/2000	PROFILE	150.00	150.00	45.20	45.20	OC21V	CHLOROFORM	
G120DEA	MW-120	08/30/2000	PROFILE	150.00	150.00	45.20	45.20	OC21V	CHLOROMETHANE	
G120DEA	MW-120	08/30/2000	PROFILE	150.00	150.00	45.20	45.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DFA	MW-120	08/30/2000	PROFILE	160.00	160.00	55.20	55.20	8330N	NITROGLYCERIN	NO
G120DFA	MW-120	08/30/2000	PROFILE	160.00	160.00	55.20	55.20	OC21V	2-HEXANONE	
G120DFA	MW-120	08/30/2000	PROFILE	160.00	160.00	55.20	55.20	OC21V	ACETONE	
G120DFA	MW-120	08/30/2000	PROFILE	160.00	160.00	55.20	55.20	OC21V	CHLOROETHANE	
G120DFA	MW-120	08/30/2000	PROFILE	160.00	160.00	55.20	55.20	OC21V	CHLOROMETHANE	
G120DFA	MW-120	08/30/2000	PROFILE	160.00	160.00	55.20	55.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DGA	MW-120	08/31/2000	PROFILE	170.00	170.00	65.20	65.20	OC21V	1,4-DICHLOROBENZENE	
G120DGA	MW-120	08/31/2000	PROFILE	170.00	170.00	65.20	65.20	OC21V	2-HEXANONE	
G120DGA	MW-120	08/31/2000	PROFILE	170.00	170.00	65.20	65.20	OC21V	ACETONE	
G120DGA	MW-120	08/31/2000	PROFILE	170.00	170.00	65.20	65.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DHA	MW-120	08/31/2000	PROFILE	180.00	180.00	75.20	75.20	8330N	2,6-DINITROTOLUENE	YES
G120DHA	MW-120	08/31/2000	PROFILE	180.00	180.00	75.20	75.20	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G120DHA	MW-120	08/31/2000	PROFILE	180.00	180.00	75.20	75.20	8330N	PENTAERYTHRITOL TETRANITR/	NO
G120DHA	MW-120	08/31/2000	PROFILE	180.00	180.00	75.20	75.20	8330N	PICRIC ACID	NO
G120DHA	MW-120	08/31/2000	PROFILE	180.00	180.00	75.20	75.20	OC21V	2-HEXANONE	
G120DHA	MW-120	08/31/2000	PROFILE	180.00	180.00	75.20	75.20	OC21V	ACETONE	
G120DHA	MW-120	08/31/2000	PROFILE	180.00	180.00	75.20	75.20	OC21V	CHLOROFORM	
G120DHA	MW-120	08/31/2000	PROFILE	180.00	180.00	75.20	75.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DIA	MW-120	08/31/2000	PROFILE	190.00	190.00	85.20	85.20	8330N	2,6-DINITROTOLUENE	YES
G120DIA	MW-120	08/31/2000	PROFILE	190.00	190.00	85.20	85.20	8330N	PENTAERYTHRITOL TETRANITR/	NO
G120DIA	MW-120	08/31/2000	PROFILE	190.00	190.00	85.20	85.20	8330N	PICRIC ACID	NO
G120DIA	MW-120	08/31/2000	PROFILE	190.00	190.00	85.20	85.20	OC21V	2-HEXANONE	
G120DIA	MW-120	08/31/2000	PROFILE	190.00	190.00	85.20	85.20	OC21V	ACETONE	
G120DIA	MW-120	08/31/2000	PROFILE	190.00	190.00	85.20	85.20	OC21V	CHLOROFORM	

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/00-9/30/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G120DIA	MW-120	08/31/2000	PROFILE	190.00	190.00	85.20	85.20	OC21V	CHLOROMETHANE	
G120DIA	MW-120	08/31/2000	PROFILE	190.00	190.00	85.20	85.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DJA	MW-120	08/31/2000	PROFILE	200.00	200.00	95.20	95.20	8330N	2,6-DINITROTOLUENE	YES
G120DJA	MW-120	08/31/2000	PROFILE	200.00	200.00	95.20	95.20	8330N	PENTAERYTHRITOL TETRANITRA	NO
G120DJA	MW-120	08/31/2000	PROFILE	200.00	200.00	95.20	95.20	OC21V	2-HEXANONE	
G120DJA	MW-120	08/31/2000	PROFILE	200.00	200.00	95.20	95.20	OC21V	ACETONE	
G120DJA	MW-120	08/31/2000	PROFILE	200.00	200.00	95.20	95.20	OC21V	CHLOROFORM	
G120DJA	MW-120	08/31/2000	PROFILE	200.00	200.00	95.20	95.20	OC21V	CHLOROMETHANE	
G120DJA	MW-120	08/31/2000	PROFILE	200.00	200.00	95.20	95.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DKA	MW-120	08/31/2000	PROFILE	210.00	210.00	105.20	105.20	8330N	2,6-DINITROTOLUENE	YES
G120DKA	MW-120	08/31/2000	PROFILE	210.00	210.00	105.20	105.20	8330N	PENTAERYTHRITOL TETRANITRA	NO
G120DKA	MW-120	08/31/2000	PROFILE	210.00	210.00	105.20	105.20	OC21V	ACETONE	
G120DKA	MW-120	08/31/2000	PROFILE	210.00	210.00	105.20	105.20	OC21V	CHLOROFORM	
G120DKA	MW-120	08/31/2000	PROFILE	210.00	210.00	105.20	105.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DLA	MW-120	09/01/2000	PROFILE	220.00	220.00	115.20	115.20	OC21V	ACETONE	
G120DLA	MW-120	09/01/2000	PROFILE	220.00	220.00	115.20	115.20	OC21V	CHLOROFORM	
G120DLA	MW-120	09/01/2000	PROFILE	220.00	220.00	115.20	115.20	OC21V	CHLOROMETHANE	
G120DLA	MW-120	09/01/2000	PROFILE	220.00	220.00	115.20	115.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DMA	MW-120	09/01/2000	PROFILE	230.00	230.00	125.20	125.20	8330N	2,4,6-TRINITROTOLUENE	NO
G120DMA	MW-120	09/01/2000	PROFILE	230.00	230.00	125.20	125.20	8330N	2,6-DINITROTOLUENE	YES
G120DMA	MW-120	09/01/2000	PROFILE	230.00	230.00	125.20	125.20	OC21V	2-HEXANONE	
G120DMA	MW-120	09/01/2000	PROFILE	230.00	230.00	125.20	125.20	OC21V	ACETONE	
G120DMA	MW-120	09/01/2000	PROFILE	230.00	230.00	125.20	125.20	OC21V	CHLOROFORM	
G120DMA	MW-120	09/01/2000	PROFILE	230.00	230.00	125.20	125.20	OC21V	CHLOROMETHANE	
G120DMA	MW-120	09/01/2000	PROFILE	230.00	230.00	125.20	125.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DMD	MW-120	09/01/2000	PROFILE	230.00	230.00	125.20	125.20	OC21V	2-HEXANONE	
G120DMD	MW-120	09/01/2000	PROFILE	230.00	230.00	125.20	125.20	OC21V	ACETONE	
G120DMD	MW-120	09/01/2000	PROFILE	230.00	230.00	125.20	125.20	OC21V	CHLOROETHANE	
G120DMD	MW-120	09/01/2000	PROFILE	230.00	230.00	125.20	125.20	OC21V	CHLOROFORM	
G120DMD	MW-120	09/01/2000	PROFILE	230.00	230.00	125.20	125.20	OC21V	CHLOROMETHANE	
G120DMD	MW-120	09/01/2000	PROFILE	230.00	230.00	125.20	125.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DMD	MW-120	09/01/2000	PROFILE	230.00	230.00	125.20	125.20	OC21V	METHYL ISOBUTYL KETONE (4-M	

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DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/00-9/30/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G120DNA	MW-120	09/05/2000	PROFILE	240.00	240.00	135.20	135.20	OC21V	ACETONE	
G120DNA	MW-120	09/05/2000	PROFILE	240.00	240.00	135.20	135.20	OC21V	CHLOROFORM	
G120DNA	MW-120	09/05/2000	PROFILE	240.00	240.00	135.20	135.20	OC21V	CHLOROMETHANE	
G120DNA	MW-120	09/05/2000	PROFILE	240.00	240.00	135.20	135.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DOA	MW-120	09/05/2000	PROFILE	250.00	250.00	145.20	145.20	OC21V	ACETONE	
G120DOA	MW-120	09/05/2000	PROFILE	250.00	250.00	145.20	145.20	OC21V	CHLOROFORM	
G120DPA	MW-120	09/05/2000	PROFILE	260.00	260.00	155.20	155.20	OC21V	2-HEXANONE	
G120DPA	MW-120	09/05/2000	PROFILE	260.00	260.00	155.20	155.20	OC21V	ACETONE	
G120DPA	MW-120	09/05/2000	PROFILE	260.00	260.00	155.20	155.20	OC21V	BENZENE	
G120DPA	MW-120	09/05/2000	PROFILE	260.00	260.00	155.20	155.20	OC21V	CHLOROMETHANE	
G120DPA	MW-120	09/05/2000	PROFILE	260.00	260.00	155.20	155.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DQA	MW-120	09/05/2000	PROFILE	270.00	270.00	165.20	165.20	OC21V	ACETONE	
G120DQA	MW-120	09/05/2000	PROFILE	270.00	270.00	165.20	165.20	OC21V	BENZENE	
G120DQA	MW-120	09/05/2000	PROFILE	270.00	270.00	165.20	165.20	OC21V	CHLOROMETHANE	
G120DQA	MW-120	09/05/2000	PROFILE	270.00	270.00	165.20	165.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DRA	MW-120	09/05/2000	PROFILE	280.00	280.00	175.20	175.20	OC21V	ACETONE	
G120DRA	MW-120	09/05/2000	PROFILE	280.00	280.00	175.20	175.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DSA	MW-120	09/06/2000	PROFILE	290.00	290.00	185.20	185.20	8330N	PICRIC ACID	NO
G120DSA	MW-120	09/06/2000	PROFILE	290.00	290.00	185.20	185.20	OC21V	ACETONE	
G120DSA	MW-120	09/06/2000	PROFILE	290.00	290.00	185.20	185.20	OC21V	CHLOROFORM	
G120DSA	MW-120	09/06/2000	PROFILE	290.00	290.00	185.20	185.20	OC21V	CHLOROMETHANE	
G120DSA	MW-120	09/06/2000	PROFILE	290.00	290.00	185.20	185.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DTA	MW-120	09/06/2000	PROFILE	300.00	300.00	195.20	195.20	OC21V	ACETONE	
G120DTA	MW-120	09/06/2000	PROFILE	300.00	300.00	195.20	195.20	OC21V	CHLOROFORM	
G120DTA	MW-120	09/06/2000	PROFILE	300.00	300.00	195.20	195.20	OC21V	CHLOROMETHANE	
G120DTA	MW-120	09/06/2000	PROFILE	300.00	300.00	195.20	195.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G120DUA	MW-120	09/06/2000	PROFILE	310.00	310.00	205.20	205.20	OC21V	ACETONE	
G120DUA	MW-120	09/06/2000	PROFILE	310.00	310.00	205.20	205.20	OC21V	CHLOROFORM	
G120DVA	MW-120	09/06/2000	PROFILE	320.00	320.00	215.20	215.20	OC21V	ACETONE	
G120DVA	MW-120	09/06/2000	PROFILE	320.00	320.00	215.20	215.20	OC21V	CHLOROFORM	
G123DAA	MW-123	09/12/2000	PROFILE	140.00	140.00	0.00	0.00	8330N	2,4,6-TRINITROTOLUENE	NO
G123DAA	MW-123	09/12/2000	PROFILE	140.00	140.00	0.00	0.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO

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(UNVALIDATED)
SAMPLES COLLECTED 8/16/00-9/30/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G123DBA	MW-123	09/12/2000	PROFILE	150.00	150.00	8.00	8.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G123DBA	MW-123	09/12/2000	PROFILE	150.00	150.00	8.00	8.00	8330N	3-NITROTOLUENE	NO
G123DBA	MW-123	09/12/2000	PROFILE	150.00	150.00	8.00	8.00	8330N	4-NITROTOLUENE	NO
G123DBA	MW-123	09/12/2000	PROFILE	150.00	150.00	8.00	8.00	8330N	PICRIC ACID	NO
G123DCA	MW-123	09/13/2000	PROFILE	160.00	160.00	18.00	18.00	8330N	2,6-DINITROTOLUENE	NO
G123DDA	MW-123	09/13/2000	PROFILE	170.00	170.00	28.00	28.00	8330N	NITROGLYCERIN	NO
G123DFA	MW-123	09/13/2000	PROFILE	190.00	190.00	48.00	48.00	8330N	NITROGLYCERIN	NO
G123DMA	MW-123	09/13/2000	PROFILE	260.00	260.00	118.00	118.00	8330N	NITROGLYCERIN	NO
G123DPA	MW-123	09/14/2000	PROFILE	290.00	290.00	148.00	148.00	8330N	NITROGLYCERIN	NO
G124DAA	MW-124	09/12/2000	PROFILE	140.00	140.00	6.50	6.50	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G124DCA	MW-124	09/12/2000	PROFILE	160.00	160.00	26.50	26.50	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G124DGA	MW-124	09/12/2000	PROFILE	200.00	200.00	66.50	66.50	8330N	3-NITROTOLUENE	NO
G124DGA	MW-124	09/12/2000	PROFILE	200.00	200.00	66.50	66.50	8330N	PENTAERYTHRITOL TETRANITR/	NO
G124DGA	MW-124	09/12/2000	PROFILE	200.00	200.00	66.50	66.50	8330N	PICRIC ACID	NO
G125DAA	MW-125	09/14/2000	PROFILE	60.00	60.00	9.00	9.00	8330N	2,6-DINITROTOLUENE	NO
G125DAA	MW-125	09/14/2000	PROFILE	60.00	60.00	9.00	9.00	8330N	NITROGLYCERIN	NO
G125DAA	MW-125	09/14/2000	PROFILE	60.00	60.00	9.00	9.00	OC21V	ACETONE	
G125DAA	MW-125	09/14/2000	PROFILE	60.00	60.00	9.00	9.00	OC21V	BENZENE	
G125DAA	MW-125	09/14/2000	PROFILE	60.00	60.00	9.00	9.00	OC21V	CHLOROBENZENE	
G125DAA	MW-125	09/14/2000	PROFILE	60.00	60.00	9.00	9.00	OC21V	CHLOROETHANE	
G125DAA	MW-125	09/14/2000	PROFILE	60.00	60.00	9.00	9.00	OC21V	CHLOROMETHANE	
G125DAA	MW-125	09/14/2000	PROFILE	60.00	60.00	9.00	9.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G125DBA	MW-125	09/14/2000	PROFILE	70.00	70.00	19.00	19.00	8330N	NITROGLYCERIN	NO
G125DBA	MW-125	09/14/2000	PROFILE	70.00	70.00	19.00	19.00	8330N	PICRIC ACID	NO
G125DBA	MW-125	09/14/2000	PROFILE	70.00	70.00	19.00	19.00	OC21V	ACETONE	
G125DBA	MW-125	09/14/2000	PROFILE	70.00	70.00	19.00	19.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G125DCA	MW-125	09/14/2000	PROFILE	80.00	80.00	29.00	29.00	8330N	NITROGLYCERIN	NO
G125DCA	MW-125	09/14/2000	PROFILE	80.00	80.00	29.00	29.00	8330N	PICRIC ACID	NO
G125DCA	MW-125	09/14/2000	PROFILE	80.00	80.00	29.00	29.00	OC21V	ACETONE	
G125DCA	MW-125	09/14/2000	PROFILE	80.00	80.00	29.00	29.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G125DDA	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	8330N	NITROGLYCERIN	NO
G125DDA	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	8330N	PICRIC ACID	NO

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G125DDA	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	OC21V	ACETONE	
G125DDA	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	OC21V	CHLOROFORM	
G125DDA	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G125DDD	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	8330N	NITROGLYCERIN	NO
G125DDD	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	8330N	PICRIC ACID	NO
G125DDD	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	OC21V	ACETONE	
G125DDD	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	OC21V	CHLOROFORM	
G125DDD	MW-125	09/14/2000	PROFILE	90.00	90.00	39.00	39.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G125DEA	MW-125	09/14/2000	PROFILE	100.00	100.00	49.00	49.00	OC21V	ACETONE	
G125DEA	MW-125	09/14/2000	PROFILE	100.00	100.00	49.00	49.00	OC21V	CHLOROFORM	
G125DEA	MW-125	09/14/2000	PROFILE	100.00	100.00	49.00	49.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G125DFA	MW-125	09/14/2000	PROFILE	110.00	110.00	59.00	59.00	8330N	NITROGLYCERIN	NO
G125DFA	MW-125	09/14/2000	PROFILE	110.00	110.00	59.00	59.00	OC21V	ACETONE	
G125DFA	MW-125	09/14/2000	PROFILE	110.00	110.00	59.00	59.00	OC21V	CHLOROFORM	
G125DFA	MW-125	09/14/2000	PROFILE	110.00	110.00	59.00	59.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G125DGA	MW-125	09/14/2000	PROFILE	120.00	120.00	69.00	69.00	OC21V	ACETONE	
G125DGA	MW-125	09/14/2000	PROFILE	120.00	120.00	69.00	69.00	OC21V	CHLOROFORM	
G125DGA	MW-125	09/14/2000	PROFILE	120.00	120.00	69.00	69.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G125DHA	MW-125	09/14/2000	PROFILE	130.00	130.00	79.00	79.00	8330N	NITROGLYCERIN	NO
G125DHA	MW-125	09/14/2000	PROFILE	130.00	130.00	79.00	79.00	OC21V	ACETONE	
G125DHA	MW-125	09/14/2000	PROFILE	130.00	130.00	79.00	79.00	OC21V	CHLOROFORM	
G125DHA	MW-125	09/14/2000	PROFILE	130.00	130.00	79.00	79.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G125DIA	MW-125	09/14/2000	PROFILE	140.00	140.00	89.00	89.00	OC21V	ACETONE	
G125DIA	MW-125	09/14/2000	PROFILE	140.00	140.00	89.00	89.00	OC21V	CHLOROFORM	
G125DJA	MW-125	09/14/2000	PROFILE	150.00	150.00	99.00	99.00	OC21V	ACETONE	
G125DJA	MW-125	09/14/2000	PROFILE	150.00	150.00	99.00	99.00	OC21V	CHLOROFORM	
G125DJA	MW-125	09/14/2000	PROFILE	150.00	150.00	99.00	99.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G125DKA	MW-125	09/14/2000	PROFILE	160.00	160.00	109.00	109.00	OC21V	ACETONE	
G125DLA	MW-125	09/14/2000	PROFILE	170.00	170.00	119.00	119.00	OC21V	ACETONE	
G125DLA	MW-125	09/14/2000	PROFILE	170.00	170.00	119.00	119.00	OC21V	CHLOROFORM	
G125DMA	MW-125	09/14/2000	PROFILE	180.00	180.00	129.00	129.00	OC21V	ACETONE	
G125DMA	MW-125	09/14/2000	PROFILE	180.00	180.00	129.00	129.00	OC21V	CHLOROFORM	

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(UNVALIDATED)
SAMPLES COLLECTED 8/16/00-9/30/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G125DMA	MW-125	09/14/2000	PROFILE	180.00	180.00	129.00	129.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G125DNA	MW-125	09/15/2000	PROFILE	190.00	190.00	139.00	139.00	OC21V	CHLOROFORM	
G125DOA	MW-125	09/15/2000	PROFILE	200.00	20.00	149.00	149.00	OC21V	ACETONE	
G125DPA	MW-125	09/18/2000	PROFILE	210.00	210.00	159.00	159.00	OC21V	ACETONE	
G125DPA	MW-125	09/18/2000	PROFILE	210.00	210.00	159.00	159.00	OC21V	CHLOROFORM	
G125DPA	MW-125	09/18/2000	PROFILE	210.00	210.00	159.00	159.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G125DPA	MW-125	09/18/2000	PROFILE	210.00	210.00	159.00	159.00	OC21V	TOLUENE	
G125DQA	MW-125	09/18/2000	PROFILE	220.00	220.00	169.00	169.00	OC21V	ACETONE	
G125DQA	MW-125	09/18/2000	PROFILE	220.00	220.00	169.00	169.00	OC21V	CHLOROFORM	
G125DQA	MW-125	09/18/2000	PROFILE	220.00	220.00	169.00	169.00	OC21V	TOLUENE	
G125DRA	MW-125	09/18/2000	PROFILE	230.00	230.00	179.00	179.00	OC21V	ACETONE	
G125DRA	MW-125	09/18/2000	PROFILE	230.00	230.00	179.00	179.00	OC21V	CHLOROFORM	
G125DRA	MW-125	09/18/2000	PROFILE	230.00	230.00	179.00	179.00	OC21V	TOLUENE	
G125DTA	MW-125	09/18/2000	PROFILE	250.00	250.00	199.00	199.00	OC21V	ACETONE	
G125DTA	MW-125	09/18/2000	PROFILE	250.00	250.00	199.00	199.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G125DUD	MW-125	09/19/2000	PROFILE	256.00	256.00	201.00	201.00	OC21V	ACETONE	
G126DAA	MW-126	09/18/2000	PROFILE	100.00	100.00	0.00	0.00	8330N	2,6-DINITROTOLUENE	YES
G126DAA	MW-126	09/18/2000	PROFILE	100.00	100.00	0.00	0.00	OC21V	1,2,4-TRICHLOROBENZENE	
G126DAA	MW-126	09/18/2000	PROFILE	100.00	100.00	0.00	0.00	OC21V	ACETONE	
G126DAA	MW-126	09/18/2000	PROFILE	100.00	100.00	0.00	0.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G126DBA	MW-126	09/18/2000	PROFILE	110.00	110.00	8.90	8.90	8330N	2,6-DINITROTOLUENE	YES
G126DBA	MW-126	09/18/2000	PROFILE	110.00	110.00	8.90	8.90	8330N	NITROGLYCERIN	NO
G126DBA	MW-126	09/18/2000	PROFILE	110.00	110.00	8.90	8.90	OC21V	ACETONE	
G126DBA	MW-126	09/18/2000	PROFILE	110.00	110.00	8.90	8.90	OC21V	CHLOROETHANE	
G126DBA	MW-126	09/18/2000	PROFILE	110.00	110.00	8.90	8.90	OC21V	CHLOROFORM	
G126DBA	MW-126	09/18/2000	PROFILE	110.00	110.00	8.90	8.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G126DCA	MW-126	09/18/2000	PROFILE	120.00	120.00	18.90	18.90	8330N	2,6-DINITROTOLUENE	YES
G126DCA	MW-126	09/18/2000	PROFILE	120.00	120.00	18.90	18.90	8330N	NITROGLYCERIN	NO
G126DCA	MW-126	09/18/2000	PROFILE	120.00	120.00	18.90	18.90	OC21V	ACETONE	
G126DCA	MW-126	09/18/2000	PROFILE	120.00	120.00	18.90	18.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G126DCA	MW-126	09/18/2000	PROFILE	120.00	120.00	18.90	18.90	OC21V	TETRACHLOROETHYLENE(PCE)	
G126DDA	MW-126	09/18/2000	PROFILE	130.00	130.00	28.90	28.90	OC21V	ACETONE	

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BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET
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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/00-9/30/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G126DDA	MW-126	09/18/2000	PROFILE	130.00	130.00	28.90	28.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G126DDA	MW-126	09/18/2000	PROFILE	130.00	130.00	28.90	28.90	OC21V	TETRACHLOROETHYLENE(PCE)	
G126DDD	MW-126	09/18/2000	PROFILE	130.00	130.00	28.90	28.90	OC21V	ACETONE	
G126DDD	MW-126	09/18/2000	PROFILE	130.00	130.00	28.90	28.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G126DDD	MW-126	09/18/2000	PROFILE	130.00	130.00	28.90	28.90	OC21V	TETRACHLOROETHYLENE(PCE)	
G126DEA	MW-126	09/18/2000	PROFILE	140.00	140.00	38.90	38.90	OC21V	1,2,4-TRICHLOROBENZENE	
G126DEA	MW-126	09/18/2000	PROFILE	140.00	140.00	38.90	38.90	OC21V	ACETONE	
G126DEA	MW-126	09/18/2000	PROFILE	140.00	140.00	38.90	38.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G126DFA	MW-126	09/18/2000	PROFILE	150.00	150.00	48.90	48.90	OC21V	ACETONE	
G126DFA	MW-126	09/18/2000	PROFILE	150.00	150.00	48.90	48.90	OC21V	CHLOROFORM	
G126DFA	MW-126	09/18/2000	PROFILE	150.00	150.00	48.90	48.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G126DGA	MW-126	09/19/2000	PROFILE	160.00	160.00	58.90	58.90	OC21V	ACETONE	
G126DGA	MW-126	09/19/2000	PROFILE	160.00	160.00	58.90	58.90	OC21V	CHLOROFORM	
G126DGA	MW-126	09/19/2000	PROFILE	160.00	160.00	58.90	58.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G126DHA	MW-126	09/19/2000	PROFILE	170.00	170.00	68.90	68.90	OC21V	ACETONE	
G126DHA	MW-126	09/19/2000	PROFILE	170.00	170.00	68.90	68.90	OC21V	CHLOROFORM	
G126DHA	MW-126	09/19/2000	PROFILE	170.00	170.00	68.90	68.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G126DIA	MW-126	09/19/2000	PROFILE	180.00	180.00	78.90	78.90	OC21V	ACETONE	
G126DIA	MW-126	09/19/2000	PROFILE	180.00	180.00	78.90	78.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G126DJA	MW-126	09/19/2000	PROFILE	190.00	190.00	88.90	88.90	OC21V	ACETONE	
G126DJA	MW-126	09/19/2000	PROFILE	190.00	190.00	88.90	88.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G126DKA	MW-126	09/19/2000	PROFILE	200.00	200.00	98.90	98.90	OC21V	ACETONE	
G126DKA	MW-126	09/19/2000	PROFILE	200.00	200.00	98.90	98.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G126DLA	MW-126	09/19/2000	PROFILE	210.00	210.00	108.90	108.90	OC21V	ACETONE	
G126DLA	MW-126	09/19/2000	PROFILE	210.00	210.00	108.90	108.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G126DMA	MW-126	09/19/2000	PROFILE	220.00	220.00	118.90	118.90	OC21V	ACETONE	
G126DMA	MW-126	09/19/2000	PROFILE	220.00	220.00	118.90	118.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G126DNA	MW-126	09/19/2000	PROFILE	230.00	230.00	128.90	128.90	OC21V	ACETONE	
G126DNA	MW-126	09/19/2000	PROFILE	230.00	230.00	128.90	128.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G126DOA	MW-126	09/19/2000	PROFILE	240.00	240.00	138.90	138.90	8330N	2,6-DINITROTOLUENE	YES
G126DOA	MW-126	09/19/2000	PROFILE	240.00	240.00	138.90	138.90	OC21V	ACETONE	
G126DOA	MW-126	09/19/2000	PROFILE	240.00	240.00	138.90	138.90	OC21V	CHLOROFORM	

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PDA/NO = Photo Diode Array, Detect Not Confirmed

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/00-9/30/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G126DOA	MW-126	09/19/2000	PROFILE	240.00	240.00	138.90	138.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G126DPA	MW-126	09/19/2000	PROFILE	250.00	250.00	148.90	148.90	OC21V	ACETONE	
G126DPA	MW-126	09/19/2000	PROFILE	250.00	250.00	148.90	148.90	OC21V	CHLOROFORM	
G126DPA	MW-126	09/19/2000	PROFILE	250.00	250.00	148.90	148.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G126DQA	MW-126	09/20/2000	PROFILE	260.00	260.00	158.90	158.90	OC21V	ACETONE	
G126DQA	MW-126	09/20/2000	PROFILE	260.00	260.00	158.90	158.90	OC21V	CHLOROFORM	
G126DQA	MW-126	09/20/2000	PROFILE	260.00	260.00	158.90	158.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G126DRA	MW-126	09/20/2000	PROFILE	270.00	270.00	168.90	168.90	OC21V	ACETONE	
G126DRA	MW-126	09/20/2000	PROFILE	270.00	270.00	168.90	168.90	OC21V	CHLOROFORM	
G126DRA	MW-126	09/20/2000	PROFILE	270.00	270.00	168.90	168.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G128DAA	MW-128	09/26/2000	PROFILE	100.00	100.00	11.25	11.25	8330N	NITROGLYCERIN	NO
G128DAA	MW-128	09/26/2000	PROFILE	100.00	100.00	11.25	11.25	OC21V	1,2,4-TRICHLOROBENZENE	
G128DAA	MW-128	09/26/2000	PROFILE	100.00	100.00	11.25	11.25	OC21V	ACETONE	
G128DAA	MW-128	09/26/2000	PROFILE	100.00	100.00	11.25	11.25	OC21V	CHLOROFORM	
G128DAA	MW-128	09/26/2000	PROFILE	100.00	100.00	11.25	11.25	OC21V	METHYL ETHYL KETONE (2-BUTA	
G128DBA	MW-128	09/26/2000	PROFILE	110.00	110.00	21.25	21.25	8330N	2,6-DINITROTOLUENE	YES
G128DBA	MW-128	09/26/2000	PROFILE	110.00	110.00	21.25	21.25	OC21V	1,2,4-TRICHLOROBENZENE	
G128DBA	MW-128	09/26/2000	PROFILE	110.00	110.00	21.25	21.25	OC21V	ACETONE	
G128DBA	MW-128	09/26/2000	PROFILE	110.00	110.00	21.25	21.25	OC21V	CHLOROFORM	
G128DBA	MW-128	09/26/2000	PROFILE	110.00	110.00	21.25	21.25	OC21V	METHYL ETHYL KETONE (2-BUTA	
G128DCA	MW-128	09/26/2000	PROFILE	120.00	120.00	31.25	31.25	OC21V	1,2,4-TRICHLOROBENZENE	
G128DCA	MW-128	09/26/2000	PROFILE	120.00	120.00	31.25	31.25	OC21V	ACETONE	
G128DCA	MW-128	09/26/2000	PROFILE	120.00	120.00	31.25	31.25	OC21V	CHLOROFORM	
G128DCA	MW-128	09/26/2000	PROFILE	120.00	120.00	31.25	31.25	OC21V	METHYL ETHYL KETONE (2-BUTA	
G128DDA	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25	OC21V	1,2,4-TRICHLOROBENZENE	
G128DDA	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25	OC21V	ACETONE	
G128DDA	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25	OC21V	CHLOROFORM	
G128DDA	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25	OC21V	METHYL ETHYL KETONE (2-BUTA	
G128DDD	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25	OC21V	1,2,4-TRICHLOROBENZENE	
G128DDD	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25	OC21V	ACETONE	
G128DDD	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25	OC21V	CHLOROFORM	
G128DDD	MW-128	09/26/2000	PROFILE	130.00	130.00	41.25	41.25	OC21V	METHYL ETHYL KETONE (2-BUTA	

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PDA/NO = Photo Diode Array, Detect Not Confirmed

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/00-9/30/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G128DEA	MW-128	09/27/2000	PROFILE	140.00	140.00	51.25	51.25	OC21V	CHLOROFORM	
G128DFA	MW-128	09/27/2000	PROFILE	150.00	150.00	61.25	61.25	OC21V	ACETONE	
G128DFA	MW-128	09/27/2000	PROFILE	150.00	150.00	61.25	61.25	OC21V	METHYL ETHYL KETONE (2-BUTA	
G128DGA	MW-128	09/28/2000	PROFILE	160.00	160.00	71.25	71.25	OC21V	ACETONE	
G128DHA	MW-128	09/28/2000	PROFILE	170.00	170.00	81.25	81.25	OC21V	ACETONE	
G128DJA	MW-128	09/28/2000	PROFILE	200.00	200.00	111.25	111.25	OC21V	ACETONE	
G128DJA	MW-128	09/28/2000	PROFILE	200.00	200.00	111.25	111.25	OC21V	CHLOROFORM	
G128DKA	MW-128	09/28/2000	PROFILE	210.00	210.00	121.25	121.25	OC21V	CHLOROFORM	
G128DLA	MW-128	09/28/2000	PROFILE	220.00	220.00	131.25	131.25	OC21V	CHLOROFORM	
G128DMA	MW-128	09/28/2000	PROFILE	230.00	230.00	141.25	141.25	OC21V	CHLOROFORM	
G128DNA	MW-128	09/28/2000	PROFILE	240.00	240.00	151.25	151.25	OC21V	CHLOROFORM	
G128DOA	MW-128	09/29/2000	PROFILE	250.00	250.00	161.25	161.25	OC21V	CHLOROFORM	
G128DPA	MW-128	09/29/2000	PROFILE	260.00	260.00	171.25	171.25	OC21V	CHLOROFORM	
G128DQA	MW-128	09/29/2000	PROFILE	270.00	270.00	181.25	181.25	OC21V	CHLOROFORM	
G129DAA	MW-129	09/26/2000	PROFILE	85.00	85.00	13.90	13.90	8330N	NITROGLYCERIN	NO
G129DBA	MW-129	09/26/2000	PROFILE	90.00	90.00	18.90	18.90	8330N	NITROGLYCERIN	NO
G129DBD	MW-129	09/26/2000	PROFILE	90.00	90.00	18.90	18.90	8330N	NITROGLYCERIN	NO
G129DCA	MW-129	09/26/2000	PROFILE	100.00	100.00	28.90	28.90	8330N	NITROGLYCERIN	NO
G129DDA	MW-129	09/26/2000	PROFILE	110.00	110.00	38.90	38.90	8330N	NITROGLYCERIN	NO
G129DEA	MW-129	09/26/2000	PROFILE	120.00	120.00	48.90	48.90	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G129DEA	MW-129	09/26/2000	PROFILE	120.00	120.00	48.90	48.90	8330N	NITROGLYCERIN	NO
G129DFA	MW-129	09/26/2000	PROFILE	130.00	130.00	58.90	58.90	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G129DFA	MW-129	09/26/2000	PROFILE	130.00	130.00	58.90	58.90	8330N	NITROGLYCERIN	NO
G129DGA	MW-129	09/26/2000	PROFILE	140.00	140.00	68.90	68.90	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G129DIA	MW-129	09/27/2000	PROFILE	160.00	160.00	88.90	88.90	8330N	PICRIC ACID	NO
G130DAA	MW-130	09/28/2000	PROFILE	105.00	105.00	0.20	0.20	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
G130DAA	MW-130	09/28/2000	PROFILE	105.00	105.00	0.20	0.20	OC21V	ACETONE	
G130DAA	MW-130	09/28/2000	PROFILE	105.00	105.00	0.20	0.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G130DAA	MW-130	09/28/2000	PROFILE	105.00	105.00	0.20	0.20	OC21V	TETRACHLOROETHYLENE(PCE)	
G130DBA	MW-130	09/29/2000	PROFILE	110.00	110.00	5.20	5.20	OC21V	ACETONE	
G130DBA	MW-130	09/29/2000	PROFILE	110.00	110.00	5.20	5.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G130DBD	MW-130	09/29/2000	PROFILE	110.00	110.00	5.20	5.20	OC21V	ACETONE	

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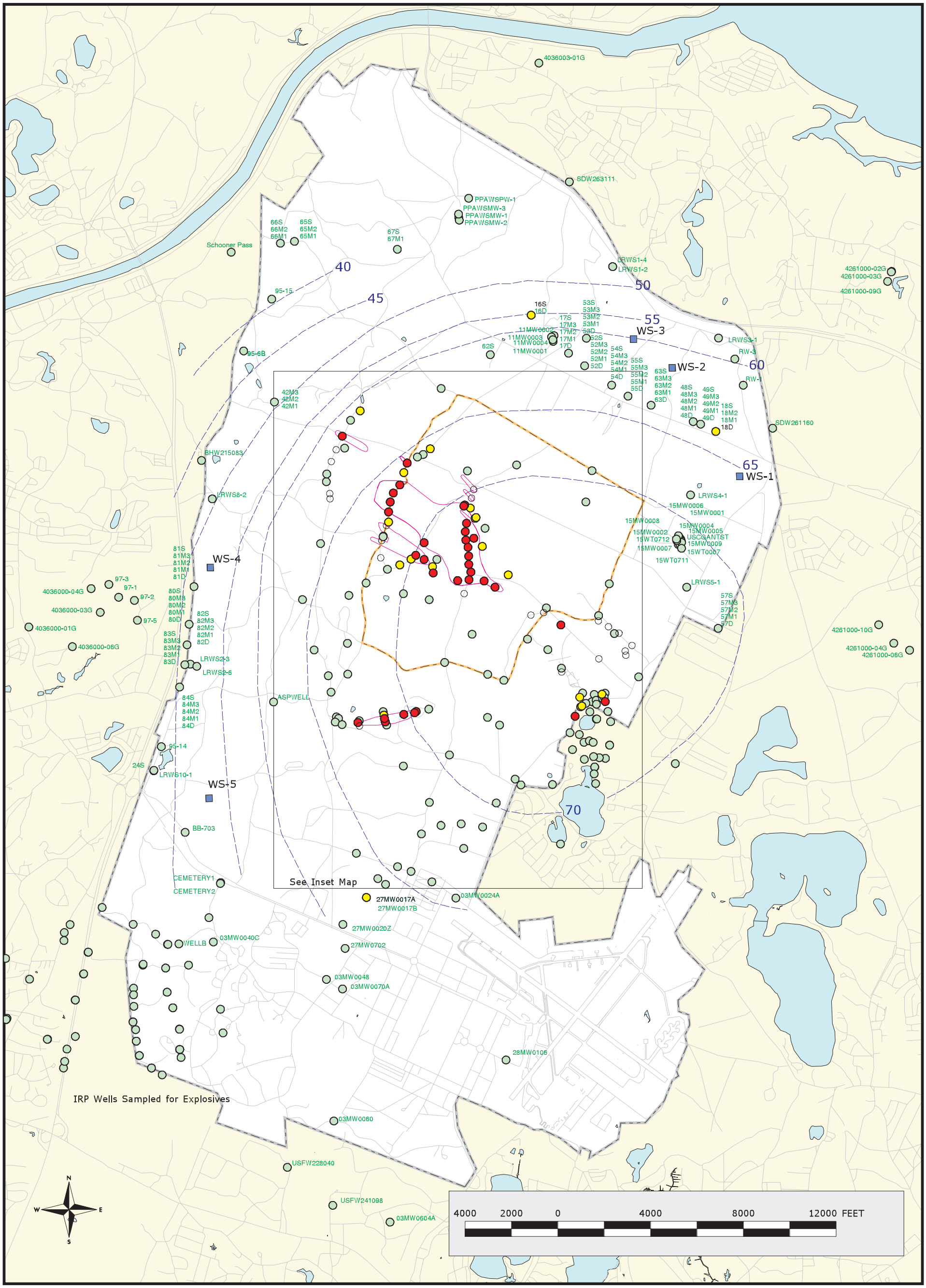
PDA/NO = Photo Diode Array, Detect Not Confirmed

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/16/00-9/30/00

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G130DBD	MW-130	09/29/2000	PROFILE	110.00	110.00	5.20	5.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G130DCA	MW-130	09/29/2000	PROFILE	120.00	120.00	15.20	15.20	OC21V	ACETONE	
G130DCA	MW-130	09/29/2000	PROFILE	120.00	120.00	15.20	15.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G130DDA	MW-130	09/29/2000	PROFILE	130.00	130.00	25.20	25.20	OC21V	ACETONE	
G130DDA	MW-130	09/29/2000	PROFILE	130.00	130.00	25.20	25.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G130DEA	MW-130	09/29/2000	PROFILE	140.00	140.00	35.20	35.20	OC21V	ACETONE	
G130DEA	MW-130	09/29/2000	PROFILE	140.00	140.00	35.20	35.20	OC21V	CHLOROFORM	
G130DEA	MW-130	09/29/2000	PROFILE	140.00	140.00	35.20	35.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G15ADAA	MW-15A	09/29/2000	PROFILE	121.00	121.00	10.00	10.00	8330N	NITROGLYCERIN	NO
G15ADBD	MW-15A	09/29/2000	PROFILE	130.00	130.00	19.00	19.00	8330N	NITROGLYCERIN	NO
G15ADCA	MW-15A	09/29/2000	PROFILE	140.00	140.00	29.00	29.00	8330N	NITROGLYCERIN	NO
G15ADEA	MW-15A	09/29/2000	PROFILE	160.00	160.00	49.00	49.00	8330N	NITROGLYCERIN	NO
G15ADFA	MW-15A	09/29/2000	PROFILE	170.00	170.00	59.00	59.00	8330N	NITROGLYCERIN	NO
HCAPC2EAA	APC2E	09/05/2000	SOIL GRID					8330N	2,4,6-TRINITROTOLUENE	YES
HCAPC2EAA	APC2E	09/05/2000	SOIL GRID					8330N	2-AMINO-4,6-DINITROTOLUENE	YES
HCAPC2EAA	APC2E	09/05/2000	SOIL GRID					8330N	4-AMINO-2,6-DINITROTOLUENE	YES

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



LEGEND

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

Sources & Notes

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

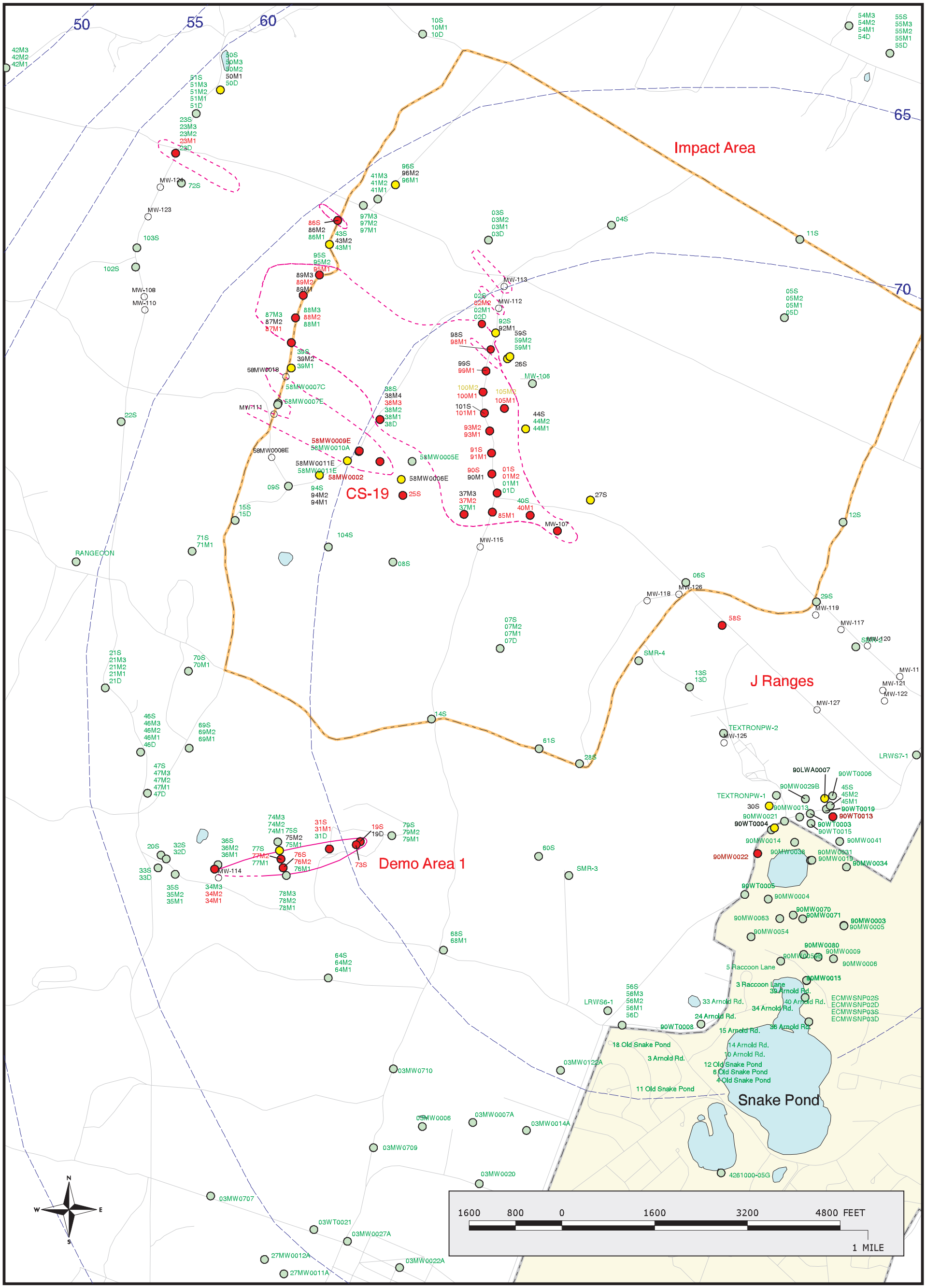
OGDEN October 05, 2000 DRAFT

G:/MMR/al/amls/work/monthly/october2000/exp

Figure 1

Explosives in Groundwater Compared to MCL/HAs Validated Data as of 09/29/00no

Analyte Group
1



LEGEND

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

Sources & Notes

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

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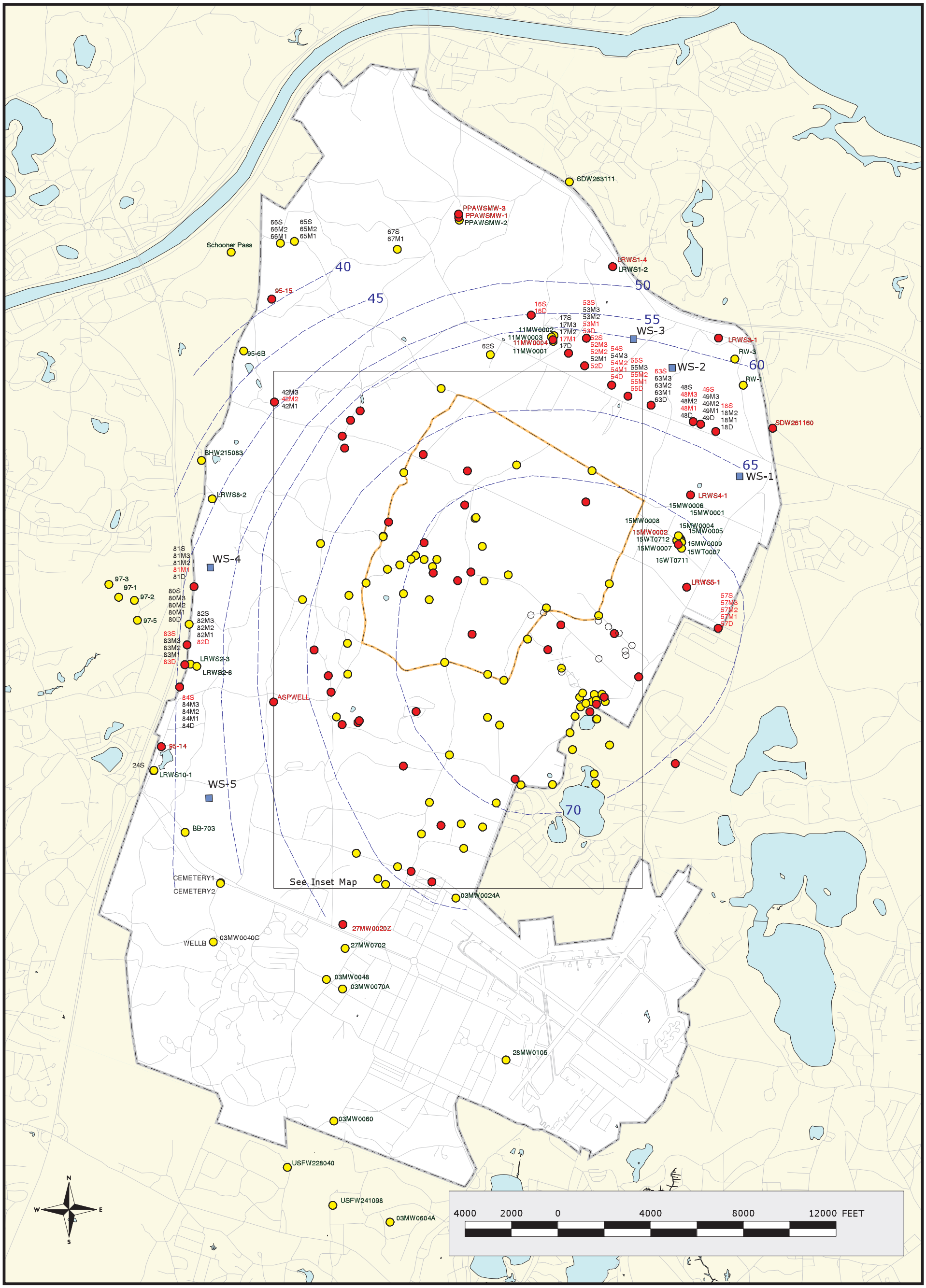
G:/MMR/al/amls/work/monthly/october2000/exp

Figure 1 - INSET MAP

Explosives in Groundwater Compared to MCL/HAs Validated Data as of 09/29/00

Analyte Group
1



LEGEND

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

Sources & Notes

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

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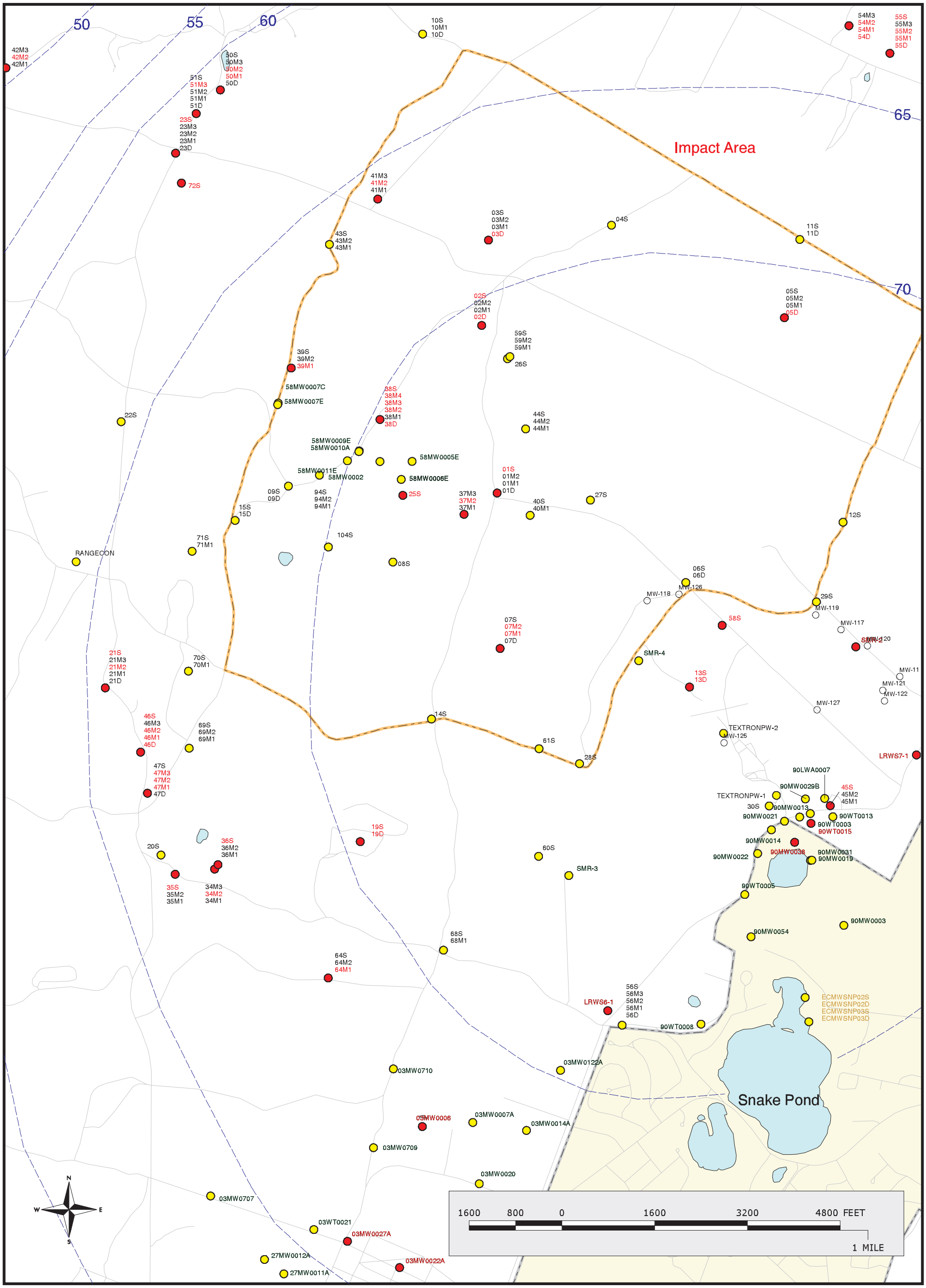
Figure 2

Metals in Groundwater Compared to MCL/HAs Validated Data as of 09/29/00

Analyte Group
2

G:/MMR/al/amls/work/monthly/october2000/metals



LEGEND

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

Sources & Notes

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

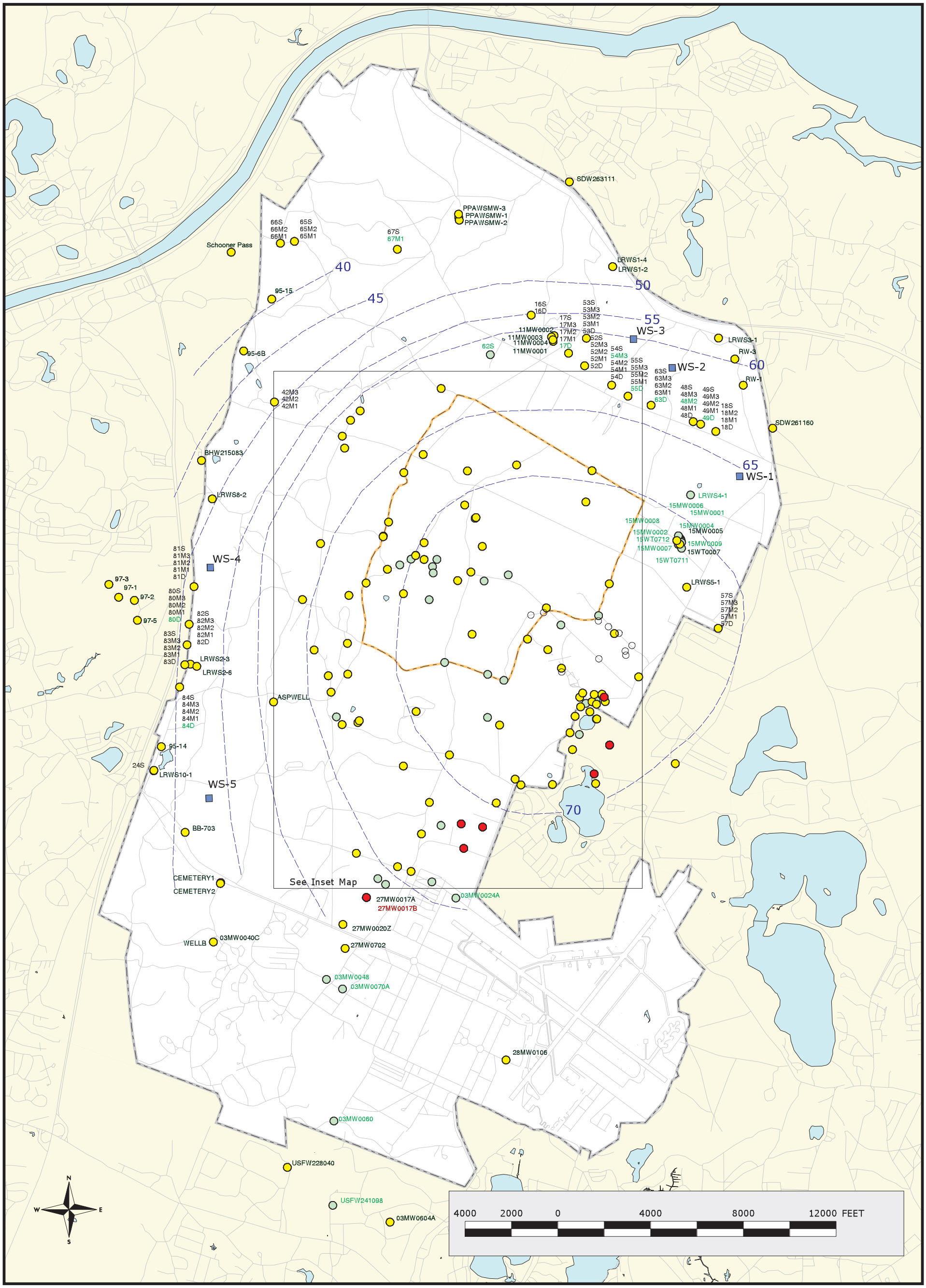
OGDEN October 05, 2000 DRAFT

Figure 2 - INSET MAP

Metals in Groundwater Compared to MCL/HAs Validated Data as of 09/29/00

Analyte Group
2

G:/MMR/al/amls/work/monthly/october2000/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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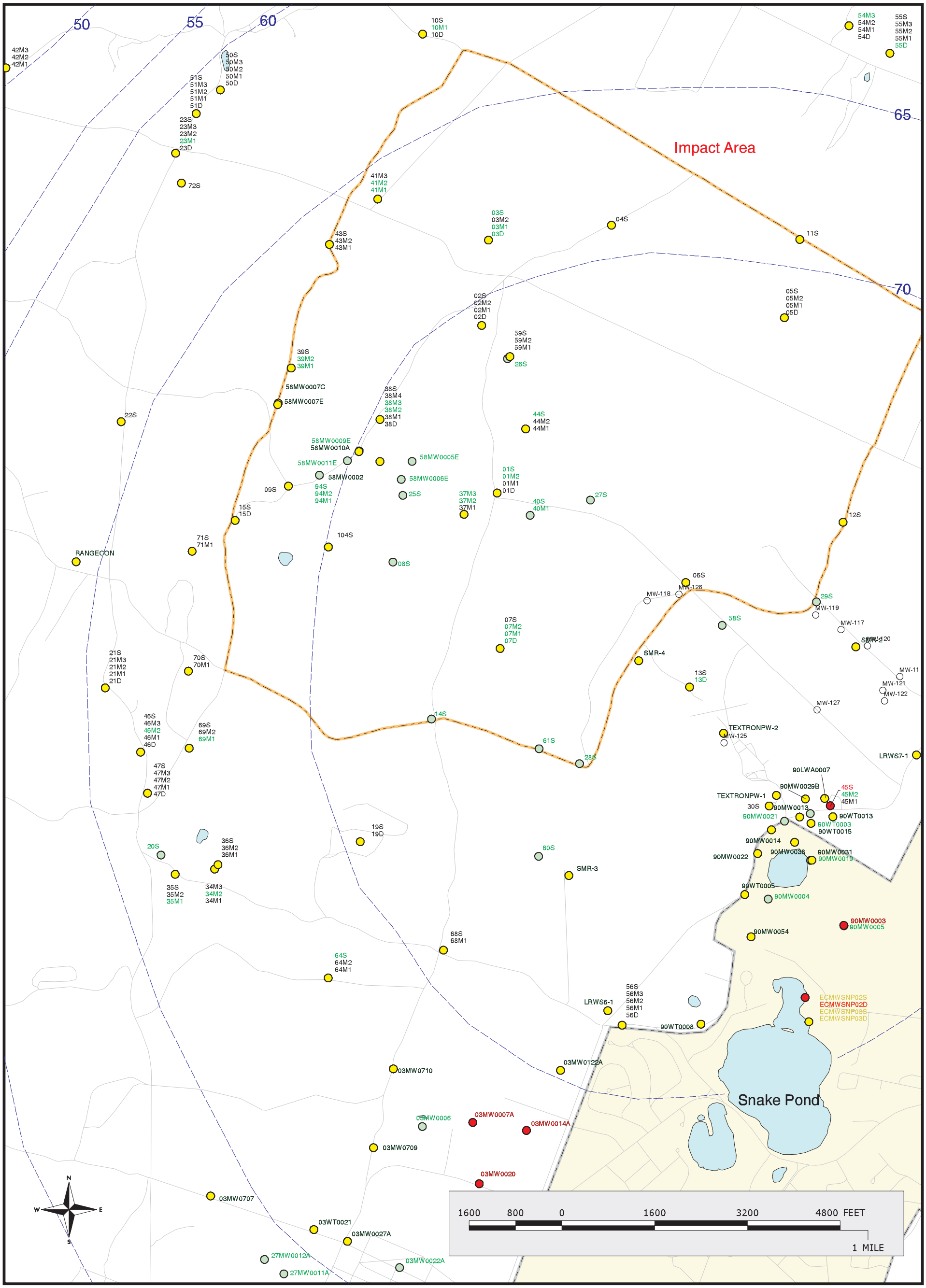
Figure 3

VOCs in Groundwater Compared to MCL/HAs Validated Data as of 09/29/00

Analyte Group
3

G:/MMR/al/amls/work/monthly/october2000/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

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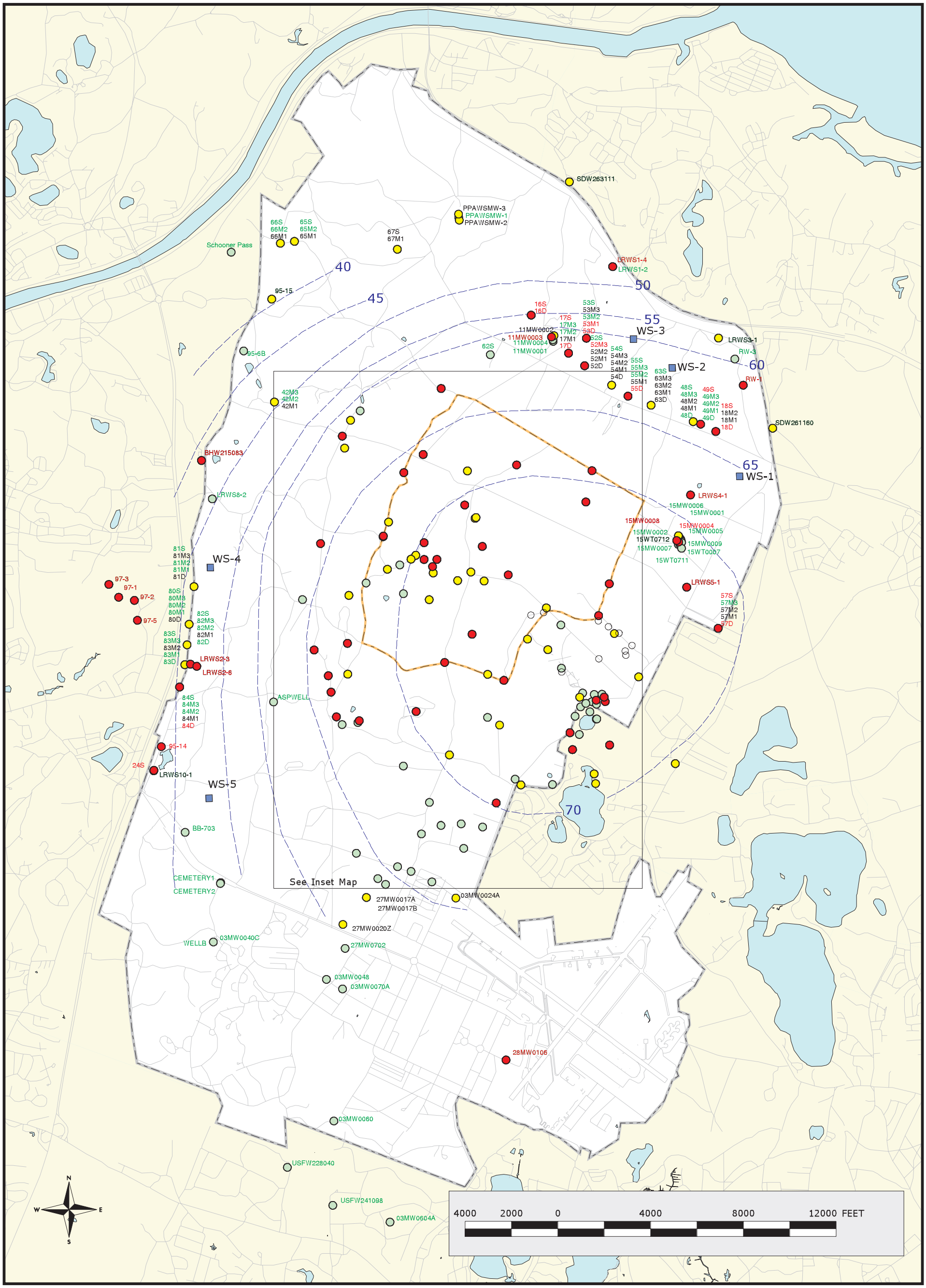
G:/MMR/al/amls/work/monthly/october2000/voc

Figure 3 - INSET MAP
VOCs in Groundwater
Compared to MCL/HAs
Validated Data as of 09/29/00
Analyte Group
3



LEGEND

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

Sources & Notes

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

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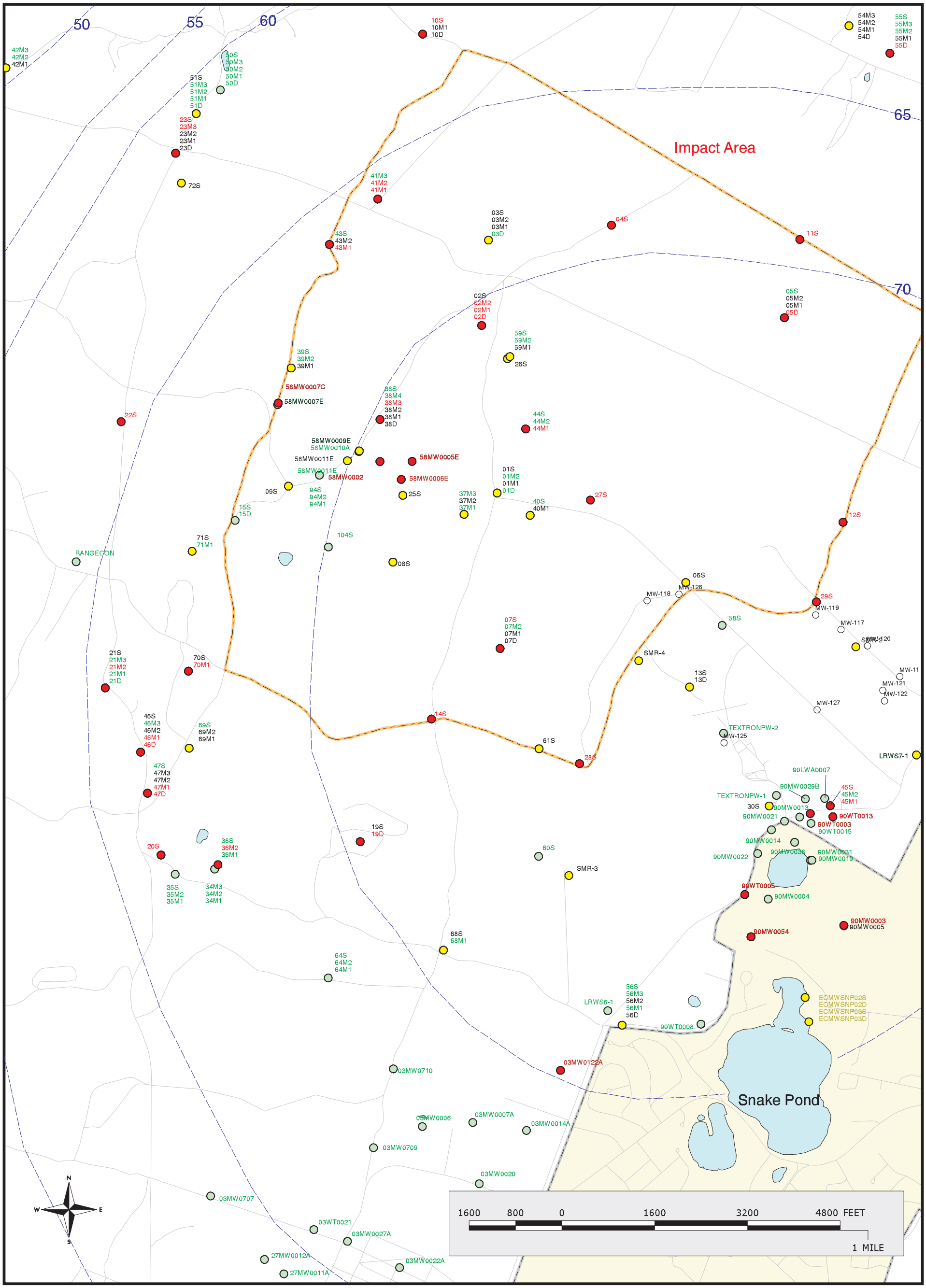
G:/MMR/al/amls/work/monthly/october2000/svoc

Figure 4

SVOCs in Groundwater Compared to MCL/HAs Validated Data as of 09/29/00

Analyte Group
4



LEGEND

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

Sources & Notes

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

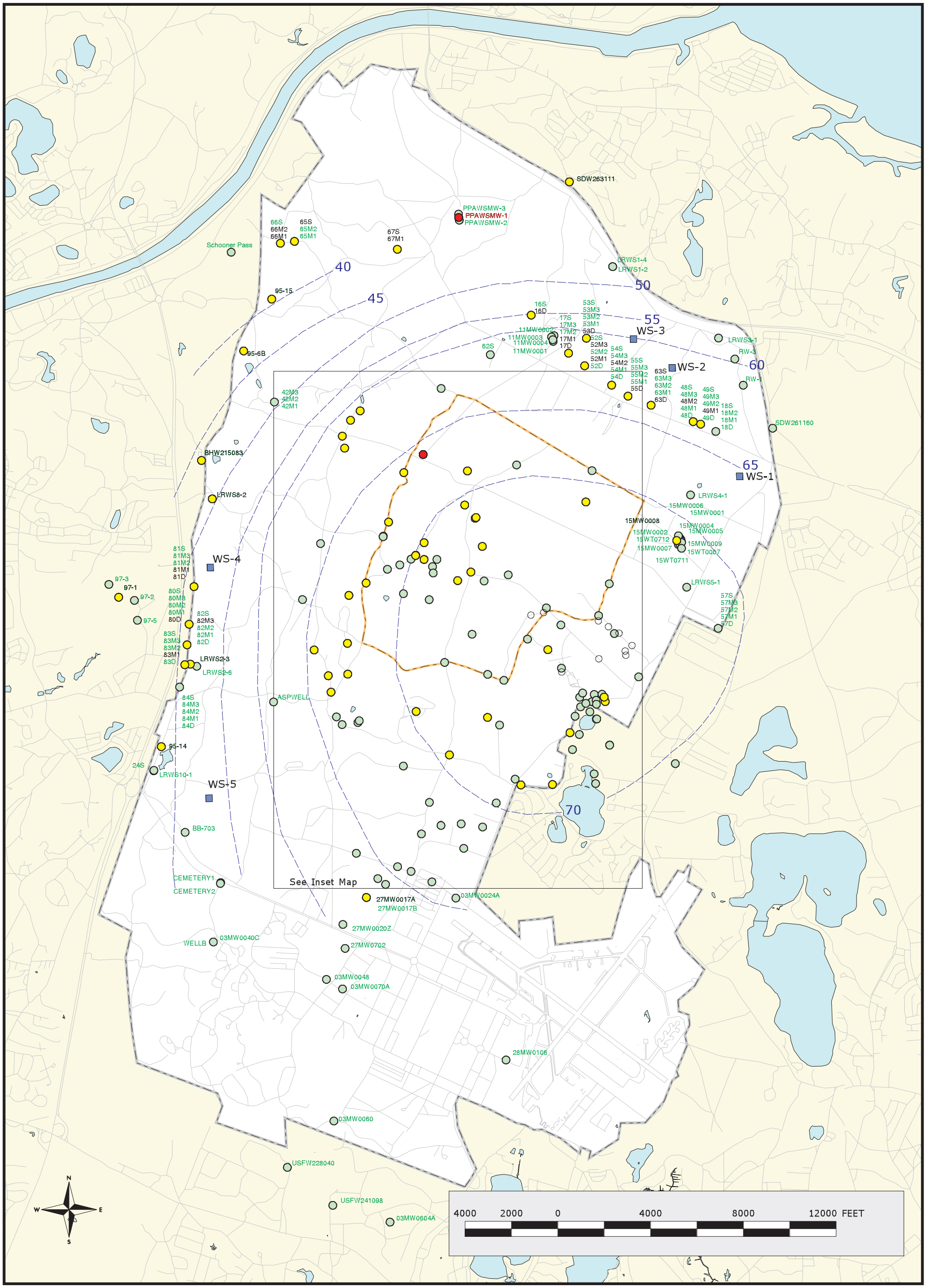
OGDEN October 05, 2000 DRAFT

G:/MMR/al/amls/work/monthly/october2000/svoc

Figure 4 - INSET MAP

SVOCs in Groundwater Compared to MCL/HAs Validated Data as of 09/29/00

Analyte Group
4



LEGEND

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

Sources & Notes

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

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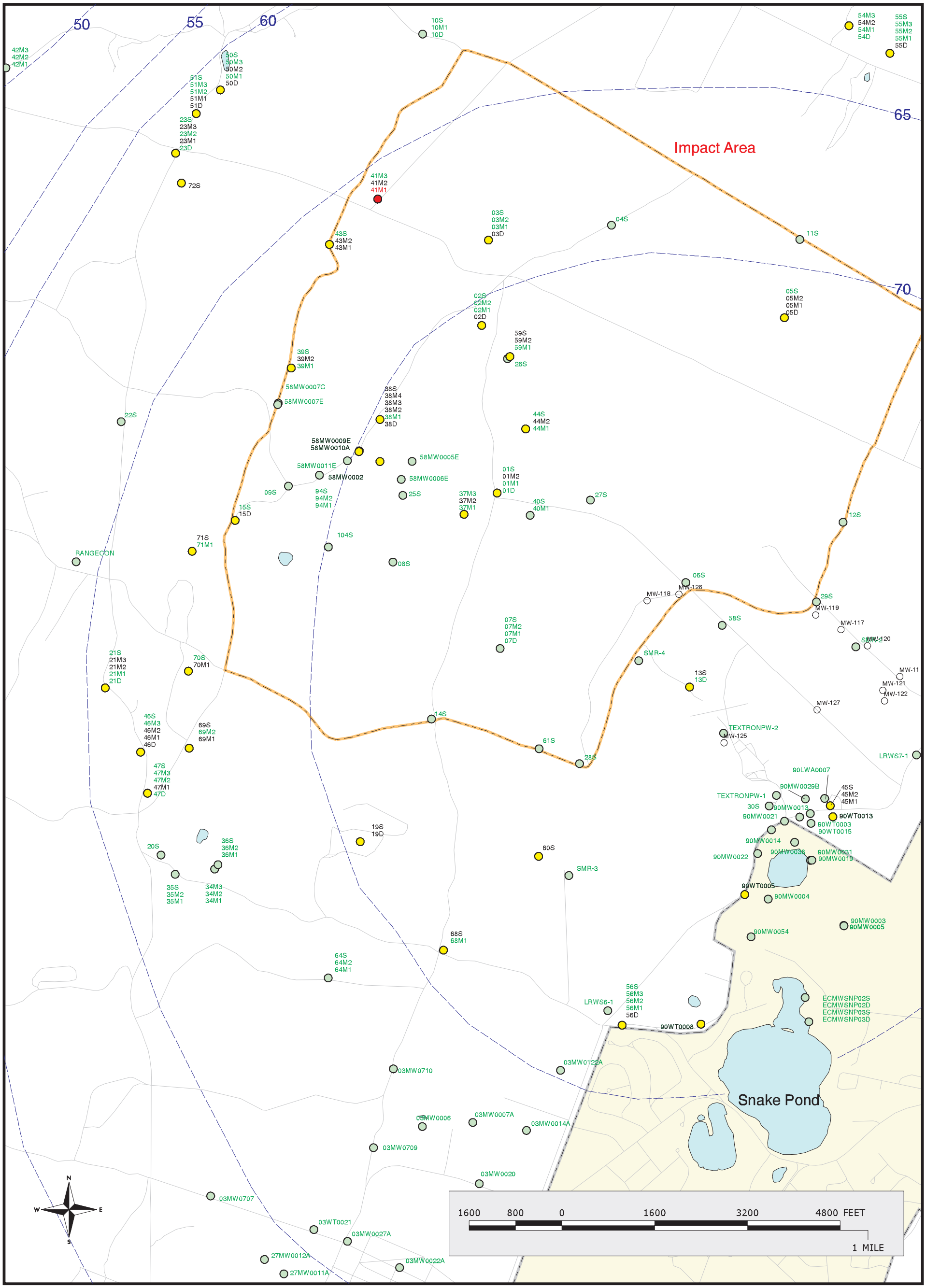
Figure 5

Herbicides and Pesticides in Groundwater Compared to MCL/HAs Validated Data as of 09/29/00

Analyte Group
5

G:/MMR/al/amls/work/monthly/october2000/pest



LEGEND

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

Sources & Notes

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

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Figure 5 - INSET MAP

Herbicides and Pesticides in Groundwater Compared to MCL/HAs Validated Data as of 09/29/00

Analyte Group
5

G:/MMR/al/amls/work/monthly/october2000/pest

Site Characterization (AO1)

Demo Area 1

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
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		13	22AUG00A	26OCT00
00146	Demo 1 Rvw/Apprv GW COCs		10	27OCT00	09NOV00
00148	Demo 1 Prepare Draft GW Report		20	10NOV00	11DEC00
00150	Demo 1 Draft GW Report	YES	0		11DEC00
00152	Demo 1 Revise Draft GW Report		65	12DEC00	15MAR01
00154	Demo 1 Final GW Report		0		15MAR01
00160	Demo 1 Geophysics Investigation		0	05JAN00A	15JUN00A
00170	Demo 1 Geophysics Presentation		0		15JUN00A
00175	Start Soil Investigation	YES	0	27JUN00A	
00182	Geophysics Validation		0	24AUG00A	02OCT00A
00180	Soil Investigation		10	27JUN00A	23OCT00
00181	Soil Analyses & Validation		40	24OCT00	20DEC00
00141	Demo 1 Establish Soil COCs		20	21DEC00	19JAN01
00142	Demo 1 Rvw/Apprv Soil COCs		10	06FEB01	20FEB01
00156	Demo 1 Prepare Draft Soil Report		40	23JAN01	20MAR01
00157	Demo 1 Draft Soil Report	YES	0		20MAR01
00158	Demo 1 Revise Draft Soil Report		65	21MAR01	20JUN01
00159	Demo 1 Final Soil Report		0		20JUN01

Central Impact Area

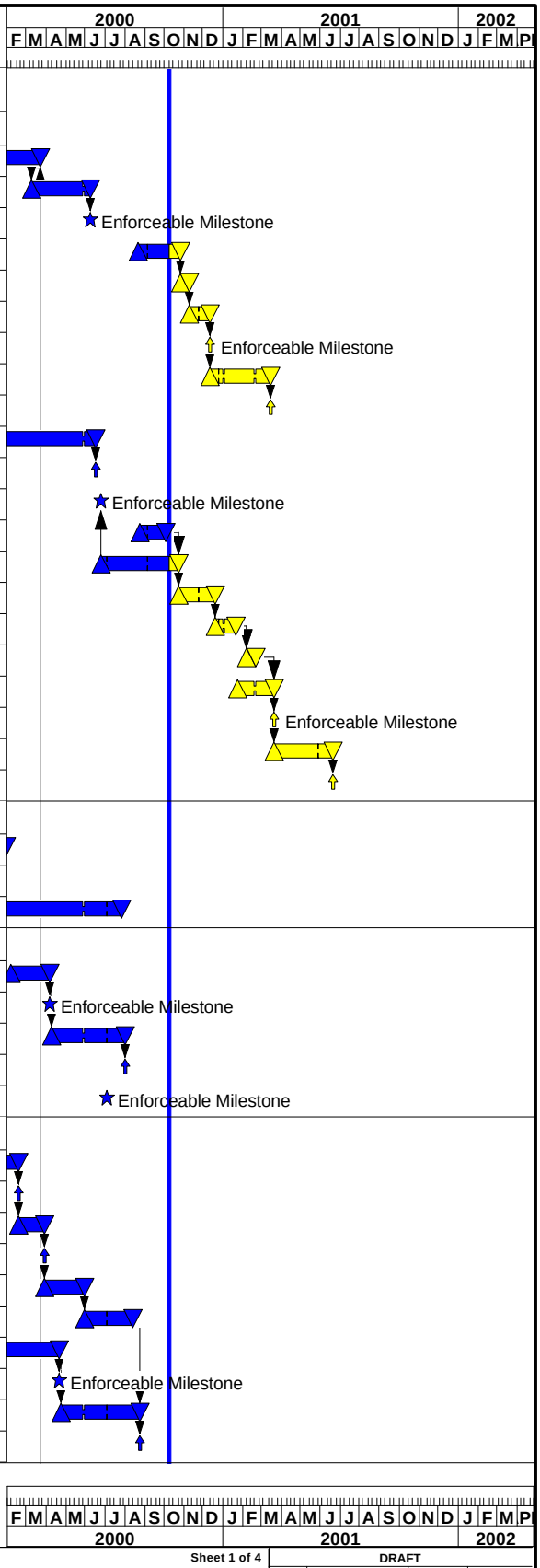
Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
00210	Impact Area Planning		0	23AUG99A	24JAN00A
00220	Impact Area Start Data Collection	YES	0	05JAN00A	
00230	Impact Area Investigation		0	05JAN00A	27JUL00A

J-2 Range

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
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	

J-1/J-3 Range

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
00400	Prepare Response Plan for RDX		0	01DEC99A	16FEB00A
00401	Draft Response Plan for RDX		0		16FEB00A
00402	Revise Response Plan for RDX		0	17FEB00A	29MAR00A
00403	Final Response Plan for RDX		0		29MAR00A
00404	Implement Response Plan for RDX		0	30MAR00A	30MAY00A
00405	Review RP Results & Plan Follow-up		0	31MAY00A	11AUG00A
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



F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M
2000
2001
2002

Project Start 29FEB00
Project Finish 21MAY03
Data Date 10OCT00
Run Date 10OCT00

Early Bar
Progress Bar

UBER

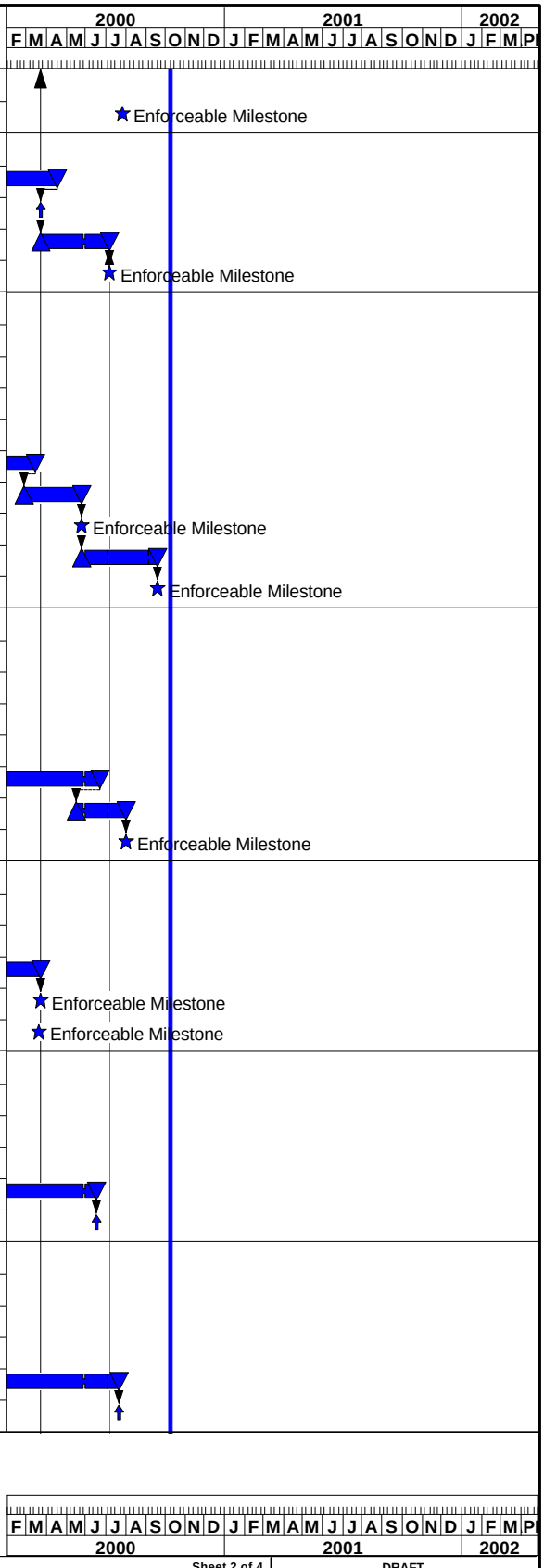
Sheet 1 of 4

Figure 6. Combined Schedule for MMR IAGWSP, Munitions Survey, and RRA as of 10/10/00

DRAFT

Date	Revision	Checked	Approved

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
J-1/J-3 Range					
00450	J-1/J-3 Range Start Data Cllctn	YES	0	26JUL00A	
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
Trenches, Bunkers, Ground Scars					
00610	Trenches Draft Workplan		0	04OCT99A	
00620	Trenches Rev. Draft Workplan		0	05OCT99A	06DEC99A
00630	Trenches Final Workplan		0		06DEC99A
00640	Trenches Start Data Collection	YES	0	06DEC99A	
00650	Trenches Investigation		0	06DEC99A	13MAR00A
00660	Trenches Report Preparation		0	28FEB00A	23MAY00A
00670	Trenches Draft Report	YES	0		23MAY00A
00680	Trenches Revise Draft Report		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
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	
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



Project Start 29FEB00
Project Finish 21MAY03
Data Date 10OCT00
Run Date 10OCT00

Early Bar
Progress Bar

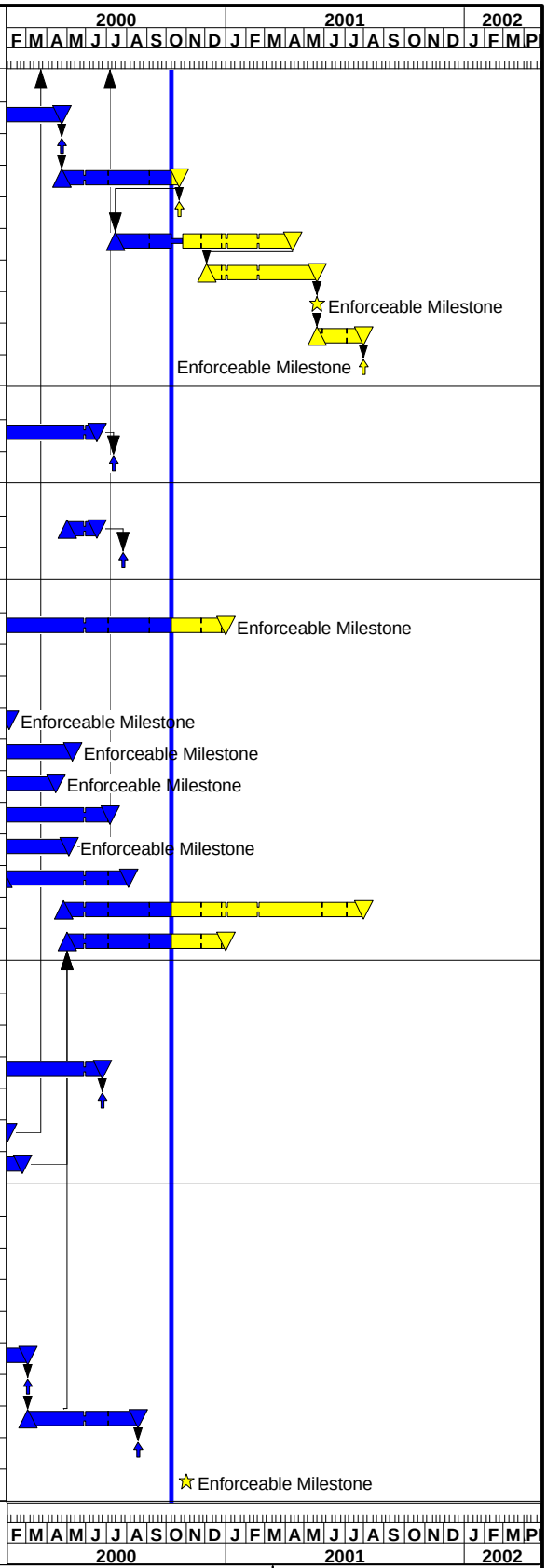
UBER

Figure 6. Combined Schedule for MMR IAGWSP, Munitions Survey, and RRA as of 10/10/00

DRAFT

Date	Revision	Checked	Approved

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
High Use Target Area 1					
01110	HUTA Planning		0	10JAN00A	24APR00A
01120	HUTA Draft Workplan		0		24APR00A
01130	HUTA Revise Draft Workplan		9	24APR00A	20OCT00
01140	HUTA Final Workplan		0		20OCT00
01160	HUTA Investigation		116	17JUL00A	13APR01
01170	HUTA Report Preparation		117	04DEC00	18MAY01
01180	HUTA Draft Report	YES	0		18MAY01
01190	HUTA Revise Draft Report		50	21MAY01	31JUL01
01195	HUTA Final Report	YES	0		31JUL01
Water Bodies					
01210	Water Body Geophys. Investig.		0	19NOV99A	16JUN00A
01220	Water Body Geophys. Present.		0		13JUL00A
Slit Trench					
01310	Slit Trench Geophys. Investig.		0	01MAY00A	16JUN00A
01320	Slit Trench Geophys. Present.		0		27JUL00A
Groundwater Monitoring Programs					
08100	Water Supply (Qrtrly & Annual)	YES	56	12JUL99A	29DEC00
08110	Phase I Wells	YES	0	01SEP97A	30NOV99A
08120	Far Field Group 1 Wells	YES	0	17FEB99A	22NOV99A
08130	Supplemental IRP Wells	YES	0	08APR99A	04FEB00A
08140	Phase II (a) Wells	YES	0	30MAR99A	11MAY00A
08150	Far Field Group 2 Wells	YES	0	21SEP99A	14APR00A
08160	Far Field New Group 2 Wells		0	21OCT99A	07JUL00A
08170	Gun/Mortar Position Wells	YES	0	01NOV99A	04MAY00A
08180	Demo 1 1999 Response Wells		0	20JAN00A	03AUG00A
08190	Impact Area 2000 Response Wells		204	28APR00A	31JUL01
08200	CY 2000 Interim LT Monitoring		56	02MAY00A	29DEC00
Analytical Methods					
08510	Draft PEP Report Preparation		0	05NOV98A	30NOV98A
08520	Draft PEP Report	YES	0		30NOV98A
08530	Revise Draft PEP Report		0	01DEC98A	26JUN00A
08540	Final PEP Report		0		26JUN00A
08560	Scoping Dioxin Method		0	01DEC99A	27JAN00A
08570	Scoping Perchlorate Method		0	06OCT99A	24FEB00A
Reports					
09160	Phase II Interim Results Preparation		0	01SEP99A	01NOV99A
09170	Phase II Interim Results Report		0		01NOV99A
09180	Background GW Report Prep		0	01NOV99A	10DEC99A
09190	Draft Background GW Report		0		10DEC99A
09200	Draft ILTGM Plan Preparation		0	06JAN00A	01MAR00A
09210	Draft ILTGM Plan		0		02MAR00A
09220	Revise Draft ILTGM Plan		0	02MAR00A	18AUG00A
09230	Final ILTGM Plan		0		18AUG00A
09290	Draft Geophysics Report	YES	0		30OCT00



Project Start 29FEB00
Project Finish 21MAY03
Data Date 10OCT00
Run Date 10OCT00

Early Bar
Progress Bar

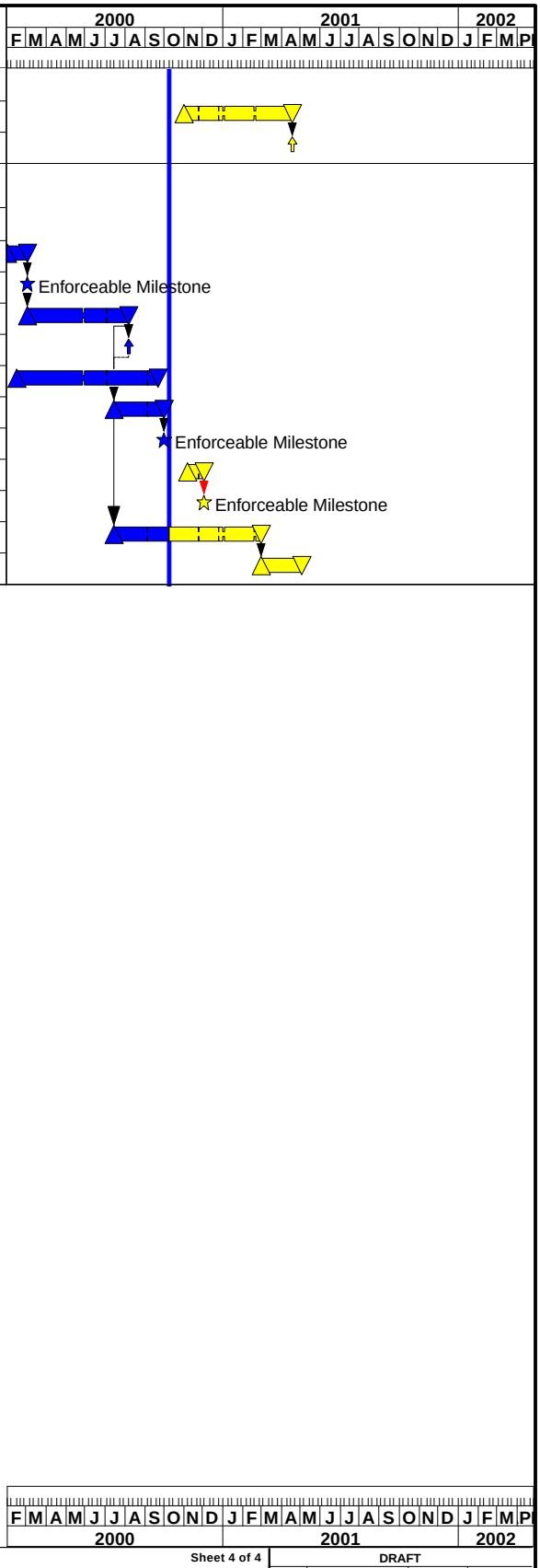
UBER

Figure 6. Combined Schedule for MMR IAGWSP, Munitions Survey, and RRA as of 10/10/00

DRAFT

Date	Revision	Checked	Approved

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Reports					
09300	Revise Draft Geophysics Report		116	31OCT00	17APR01
09310	Final Geophysics Report		0		17APR01
Rapid Response Actions (AO3)					
Group 1 (KD, J-3, GP-16, APC)					
10110	RRA Workplan Preparation		0	31JAN00A	01MAR00A
10120	Draft RRA Workplan	YES	0		01MAR00A
10130	Revise Draft RRA Workplan		0	02MAR00A	07AUG00A
10140	Final RRA Workplan		0		07AUG00A
10150	Pre-RRA Implementation		0	14FEB00A	22SEP00A
10155	RRA Source Control		0	17JUL00A	29SEP00A
10160	RRA Source Control Complete	YES	0		29SEP00A
10170	RRA Site Restoration		16	08NOV00*	01DEC00
10180	RRA Site Restoration Complete	YES	0		01DEC00
10190	RRA Innovative Treatment		96	17JUL00A	27FEB01
10195	RRA Completion of Work Report		45	28FEB01	01MAY01



Project Start	29FEB00
Project Finish	21MAY03
Data Date	10OCT00
Run Date	10OCT00

Early Bar
Progress Bar

UBER

Sheet 4 of 4

Figure 6. Combined Schedule for MMR IAGWSP, Munitions Survey, and RRA as of 10/10/00

DRAFT

Date	Revision	Checked	Approved