**MONTHLY PROGRESS REPORT #65**
**FOR AUGUST 2002**

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

The following summary of progress is for the period from August 1 to August 31, 2002. Scheduled actions are for the six-week period ending October 11, 2002.

## 1. SUMMARY OF ACTIONS TAKEN

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

**Table 1. Drilling progress as of August 2002**

| Boring Number | Purpose of Boring/Well | Total Depth (ft bgs) | Saturated Depth (ft bwt) | Completed Well Screens (ft bgs) |
|---|---|---|---|---|
| MW-233 | Base WS-4 sentry well (WS4P-2) | 415 | 199 | |
| MW-234 | J-2 Range (J2P-12) | 347 | 239 | 130-140; 110-120 |
| MW-235 | Central Impact Area (CIAP-24) | 330 | 202 | |
| MW-236 | L Range (LP-9) | 250 | 153 | |

bgs = below ground surface
bwt = below water table

Completed well installation of MW-234 (J2P-12), commenced well installation of MW-233 (WS4P-2) and completed drilling of MW-235 (CIAP-24) and MW-236 (LP-9). Continued well development for newly installed wells.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-233, MW-234, MW-235 and MW-236. Groundwater samples were collected from Bourne supply, test, sentry, far field and monitoring wells, as part of the Site-Wide Perchlorate sampling, as part of the August Long Term Groundwater monitoring round, from Snake Pond drivepoints, and from newly installed wells. Water samples and carbon samples were collected from the GAC treatment system. Surface water samples were collected from Snake Pond.

Soil samples were collected from soil boring B-39 in the J-3 Range and from soil cuttings of recently installed wells. Post-detonation soil samples were collected at the drill pad at proposed well location LP-9.

As part of the Munitions Survey Project, pre-detonation and post-detonation soil samples were collected from the Scar Rocket site.

The following are the notes from the August 1, 2002 Technical Team meeting at the IAGWSPO:

**Punchlist Items**

#2 Provide recent test results of monitoring wells for WS-1, -2, -3 (E&RC). Draft Report with validated results being prepared. Report to be provided to the Co-op at the 8/14 meeting. Data to be provided to the IAGWSPO after this meeting.

#3 Provide comments on ARA's Perchlorate method test results for select Bourne wells (EPA/DEP). EPA provided comments on 7/31. Mark Panni (MADEP) to follow-up with Len Pinaud (MADEP) regarding status of comments.

#4 Provide update on BOMARC solid rocket fuel (Corps). Information distributed at meeting.

#5 Provide access update on private Snake Pond property (IAGWSPO). Meeting with Property owner and Mike Minior was completed. The property oweners have agreement for consideration. To date, the agreement has not been signed.

#6 Provide draft results from Envirogen Fluidized Bed Reactor (AMEC). Results emailed 7/31. Report expected in mid September.

#7 Discuss reporting of Perchlorate <1ppb with Dan Mahoney (Sandwich) (EPA). Todd Borci (EPA) to contact next week. Agencies approved sampling of explosives only for current sampling round.

#8 Determine POC for Schooner Pass Condo Association to discuss sampling of private supply well (IAGWSPO). Tina Dolen (IAGWSPO) identified 5 potential contacts. Bill Gallagher (IAGWSPO) to follow up with contacts.

**MSP3 Update & Schedule**

Rob Foti (Corps) provided an update on the MSP3 tasks.

AirMag. Excavation of 118 anomalies to commence on 8/12. Tetra tech is coordinating with AMEC and the eco-crew on exclusion zones. Excavations to be left open pending a cultural resources inspection by Dr. Goodfellow (MAARNG).

SCAR Site. Vegetation & grubbing is ongoing, approximately 65% complete. Two crews have been mobilized to complete this task that has progressed more slowly than originally scoped partially due to the exceptionally warm weather conditions.

N Range. Intrusive investigation has been delayed one week in deference to completing SCAR site grubbing. Ten anomalies will be investigated, beginning with the lowest probability items first. Corps/Tetra tech to meet with CI group regarding Sandwich notification protocol prior to proceeding.

BIPs – 8 items from the SCAR Site are scheduled to be BIPed today, 8/1:

4 – 155MM HE Projectile, M107 with M51 Series PD Fuze
2 – 155MM HE Projectile, M107 with Unknown MT Fuze
1 – 105MM HE Projectile, M1 with Unknown MT Fuze
1 – 7" APHE Projectile, MK6MOD1 with Unknown BD Fuzes

**MSP3 Schedule**

Rob Foti (ACE) addressed questions on the Draft MSP Schedule which was distributed at the July 11 Tech meeting.

- In response to Todd Borci's (EPA) question regarding the number of field crews and how they were to be utilized, Mr. Foti explained that the schedule accounts for the continuous utilization of three field crews to the end of the year. Only 2.5 field crews were available. Two crews are working this week at the SCAR site. The U Range work was postponed. The schedule had called for one crew each to work on AirMag and N Range in addition to one crew at the SCAR site. However, the SCAR site was taking precedence and vacation

schedules had cut into staff availability. Therefore, adjustments had been made in the current schedule that were not reflected in the schedule (7/11) distributed 3 weeks ago.

- Desiree Moyer (EPA) noted that there were three months allotted between the ROA submission and approval and one and a half months between the ROA approval and the initiation of fieldwork at the Gun and Mortar Positions. Mr. Foti explained that those were somewhat arbitrary blocks of time, but even though the crews would not be working on this task, three crews would be working on other MSP3 tasks of higher priority. Mr. Borci indicated that it seemed to him also that there were gaps in the schedule. Mr. Foti emphasized that three crews were scheduled to be fully utilized to complete the MSP3 tasks without changes in contracting through the end of the year.
- Ms. Moyer indicated that all necessary information regarding the Gun and Mortar MSP3 Workplan had been received and comments on the Workplan would be forwarded shortly.
- Mr. Borci asked about the status of the investigation of Deep Bottom Pond. This task was not scheduled to be completed before April 03. Mr. Borci had hoped that the Guard could take advantage of the drought to investigate the few anomalies that were located in the pond. Ben Gregson (IAGWSPO) indicated that the pond still had very little water. However, endangered species had been identified in the pond and the Guard would like to have further discussion on the scope of the investigation with EPA/MADEP. Discussion to be added to the 8/8 Tech meeting agenda.

**Demo Area 1, D1P-15 Well Installation**

Heather Sullivan (ACE) led the discussion regarding relocation of proposed well D1P-15. A plan view map of the plume outline with new proposed location and cross section showing MW-231 profile results and other well results were distributed.

- There has been a low-level detection of perchlorate in profile samples from MW-231 (D1P-14). D1P-15 had been approved north of MW-225, but the Guard would like to relocate the well south of MW-231. Approximately the same amount of road clearance will be needed for the new proposed location.
- Karen Wilson (IAGWSPO) indicated that an attempt would be made to modify the exiting ROA so that approval could be expedited. The cultural resources approval was likely broad enough to incorporate this modification.
- Mark Applebee (AMEC) indicated that the well might need to be moved a little further north than indicated on the map depending on topography. MADEP and EPA concurred that the location as projected or slightly north was approved. AMEC/Corps to conduct site visit with Ms. Wilson to select location.
- Regarding an additional well location further to the west, Ben Gregson (IAGWSPO) indicated that based on the decision criteria of <1.5 ug/L Perchlorate in groundwater, an additional well would likely not be needed. Mark Panni (MADEP) suggested that a contingency ROA might be good to have ready. Mr. Applebee noted that the area was fairly inaccessible. Ms. Sullivan indicated that a contingency proposed well location was something that the Corps/Guard could discuss.

**J Ranges Monitoring Wells**

- Karen Wilson indicated that J1P-17 cannot be moved to meet groundwater sampling objectives and conditions for a firebreak. On the other hand, roads to both J1P-16 and J1P-18 can be used for the firebreak. Ms. Wilson to discuss with Mike Ciaranca (MAARNG) in a couple days.
- Todd Borci requested that the previous figure be revised to show the new proposed locations.

- Wells at J3P-17 are currently being installed.
- ROAs for LP-5, LP-6 and J3P27 have been submitted; these wells are not linked to the Camp GoodNews seasonal schedule.

**Central Impact Area Update**

- John McPherson (ACE) indicated that UXO clearance on CIAP-24 might be completed by next week.
- Regarding the detailed modeling schedule that had been developed by Jay Clausen (AMEC) in July, Todd Borci indicated that in general the schedule was good and showed appropriate detail. Mr. Borci concurred with the objective of updating the model to assist in the remedial design process, such that the pumping wells could be adequately scoped and the treatment system appropriately sized. Mr. Borci to discuss with Mike Jasinski (EPA) what specific concerns he may have had regarding the schedule.
- Mr. Borci did express concern that the Guard considered the Central Impact Area groundwater characterization relatively complete. Mr. Borci specifically identified these areas of data gaps:
    - Area downgradient of MW-206; screens at MW-149 did not appear to be at an appropriate depth to characterize contamination identified at MW-206.
    - Area up and downgradient of MW-205.
- Bill Gallagher (IAGWSPO) indicated that the Corps/Guard would discuss these data gaps internally. Mr. Borci indicated that the modeling should move forward and the additional well installation should be completed before the end of the year.
- Regarding the plume map for the Central Impact Area, Mr. Borci requested that a more accurate representation of the higher RDX concentration contours be made for MW-86 and MW-113.
- Responding to questions regarding specific wells, Marc Grant (AMEC) indicated that MW-223 (CIAP-25) was sampled on July 30. Historical detections of MW-92 have not been above 2 ppb. The May 2000 detection in MW-98 was the only detection above 2 ppb.

**Bourne Area Update**

Bill Gallagher (IAGWSPO) provided a brief update on the Bourne area investigation.

- Drilling of WS4P-2 has commenced; the well will be profiled for VOCs in addition to explosives and perchlorate.
- Monthly sampling is continuing.
- The Bourne area regional model update will be completed next week. Modeling results from back tracking of detections in and near the Monument Beach well field will be available later in August.
- AMEC is working on a Bourne-area Workplan. Existing data will be presented in context. Monitoring wells and soil sampling will be proposed to determine the origin of the Monument Beach well field perchlorate detections.
- Mr. Borci requested that a scoping meeting be scheduled prior to submission of the Workplan.

**Central Impact Area Soil OU Feasibility Schedule**

Heather Sullivan (ACE) provided an overview of the Central Impact Area Soil OU FS Schedule. A handout proposing and explaining the schedule was distributed to the agencies (8/1/02 email).

- The email regarding the soil OU schedule outlines two approaches thru the feasibility study. The characterization schedule includes seven tasks. These tasks include additional target sampling, perchlorate sampling, HUTA investigations, MSP investigations, AirMag

investigation, Ecological Risk Assessment and the UXO/OE Additional Characterization Work. One schedule proposes conducting the OE characterization and soil data related tasks sequentially; this would significantly delay the submission of the Phase 2 Report, as the UXO/OE work is not scheduled to begin until April 03. The other approach segregates these efforts such that the UXO/OE work would be performed concurrent with the Phase 2 Report and subsequent FS Screening Report, but still addresses them concurrently in the FS. With this schedule, the Phase 2 Report would be completed by August 03.

- Todd Borci indicated that his biggest concern with the schedule was that the UXO/OE characterization was scheduled to take an additional 2 years. Mr. Borci further stated that the soil characterization tasks should include the UXO/OE task.
- Mr. Borci further commented that the manner in which the data was presented made it difficult to evaluate the HUTAI/II data to define the edge of UXO/OE impacts. Of interest was not only the density of items but the chemical data showing the concentration changes in the soil. It may be necessary to have a separate Soil OU and UXO boundary for the Central Impact Area.
- Further EPA comment to be provided as part of the UXO Screening CRM next week.

**Documents and Schedules**

Marc Grant (AMEC) led the discussion regarding documents and schedules.

- All parties agreed that the document schedule should be updated with a "to be determined" and decision date to select a submittal date for the Central Impact Area Soil Report. In addition, the Demo Area 1 Draft Groundwater Report Addendum submittal would be updated based on a date reflecting the status of the modified ROA schedule for D1P-15. The Guard to send a letter to the agencies requesting these modifications to the enforceable milestones.
- The Guard's priorities for documents are as follows.
  - 1st Priority Remaining HUTA2 Site Reports. Comments on Transects 2&5 were sent by EPA the week of July15th. Comments on Transects 3&4 to be forwarded by the end of this week. MADEP to provide comment by the 8/9.
  - 2nd Priority Addendum to the G&M Additional Characterization Workplan. EPA to forward comment today. MADEP comment provided in email on July 29th.
  - 3rd Priority BA-1 Letter Report MOR.
  - 4th Priority Supplemental Demo Area 1 PSI Soil Workplan, comments due on 8/2.

**Miscellaneous**

Demo Area 1 Soil RRA/RAM. MADEP concerns regarding the appropriateness of the size of the RAM to be discussed next week when Len Pinaud (MADEP) is available. Todd Borci reiterated that EPA did not favor the Guard's proposal to deal with UXO and anomalies only within the foot print of the soil chemical contamination.

The following are the notes from the August 8, 2002 Technical Team meeting at the IAGWSPO:

**Punchlist Items**

#3 Provide comments on ARA's Perchlorate method test results for select Bourne wells (DEP). Len Pinaud (MADEP) indicated that MADEP had no comment at this time.

#5 Provide access update on private Snake Pond property (IAGWSPO). Property owners have indicated that they will delay signing the agreement and do not wish work to proceed, prior to early September after the school year begins.

#7 Discuss reporting of Perchlorate <1ppb with Dan Mahoney (Sandwich) (EPA). Todd Borci (EPA) spoke with Mr. Mahoney and provided him with information regarding the perchlorate MDL studies. The Sandwich Water Board meeting was this week and Mr. Borci was waiting to hear further from Mr. Mahoney. Len Pinaud (MADEP) also discussed the issue with Jeff Rose (MADEP Water Supply) who may also contact Mr. Mahoney.

#8 Determine POC for Schooner Pass Condo Association to discuss sampling of private supply well (IAGWSPO). Bill Gallagher (IAGWSPO) indicated that the property manager had talked to MADEP, verbally agreeing to have the well sampled but at the same time explaining that the association had not received results from the two previous sampling events. AMEC to check to make sure results are forwarded to the correct address. Mr. Gallagher has called the property manager to arrange sampling, but has not received a response.

**MSP3 Update**

Rob Foti (Corps) provided an update on the MSP3 tasks.

AirMag. Excavation of 22 anomalies to commence on 8/12 and proceed for a couple days. AirMag work will then be placed on hiatus while work is conducted at N Range and will then resume when the work at N Range is completed.

SCAR Site. Vegetation & grubbing is ongoing, approximately 75% complete. Surface clearance of UXO begins today. The geophysical survey was conducted for one day after the clearance of the CIAP-24 well pad was completed and will continue today as grubbing proceeds.

N Range. Intrusive investigation to commence 8/14. Sandwich notification protocols to be discussed with Tina Dolen (IAGWSPO) prior to starting investigation.

**MSP Deep Bottom Pond Ecological Issues**

Karen Wilson (IAGWSPO) explained issues regarding the possible presence of an endangered plant species (Ovate Spike Rush) at Deep Bottom Pond.

- Although difficult to definitively identify, it is suspected that the Ovate Spike Rush is prevalent in the pond, covering several of the anomalous areas selected for excavation. There are a few anomalous areas where the plant is not present. The concern is not only that the plant would be disturbed during excavation of these areas but also that it could be impacted in the pond area in general as the investigation proceeds. The plant will be dormant in October/November after the growing season; disturbance at this time will cause less impact to the plant. It is also anticipated that water levels in the pond will still be low enough in the fall to allow access to the areas of interest. The plant has also been tentatively identified in Succonsette Pond.
- Todd Borci (EPA) requested that the Guard evaluate two options to investigate the pond anomalies: (1) Look at investigating accessible anomalies where the plant would not be disturbed in the near future, returning later to address the remaining anomalies. (2) Mobilize in the fall to investigate all Deep Bottom Pond anomalies.
- Ellen Iorio (ACE) indicated that MSP3 Tasks related to the ponds had not been prioritized to be completed before the end of 2002, and therefore these tasks were not currently funded. However, the Corps now understood that EPA wants these areas to be a higher priority and the Corps is working on procuring funding. Workplans will not be provided for these sites; the work will proceed in accordance with the MSP1 and 2 Report recommendations. EPA agreed that this would be an acceptable way to proceed.
- Len Pinaud (MADEP) inquired about coordination with the Conservation Commission. Ms. Iorio and Ms. Wilson indicated that ConsCom could be approached when the work was actually scoped.

**Demo Area 1, Soil RRA/RAM**

- Len Pinaud (MADEP) related that the Demo 1 Area RAM was discussed in an internal MADEP meeting on 8/5. MADEP agreed that it was a workable action and that the Guard should proceed in submitting the RAM Plan.
- Mr. Pinaud recommended that the RAM Plan be as complete as possible with emphasis on the following key points: multiple disposal options; feasibility studies for soil treatment; plans for soil restoration including identifying a source of backfill; thorough plans for post-excavation sampling; and plans for off-post disposal with specific engineering controls, including controls for dust suppression.

**Central Impact Area Update**

Bill Gallagher (IAGWSPO) led the discussion regarding Central Impact Area issues.

- UXO clearance was completed at CIAP-24. Clearance took 42 days for this well pad.
- UXO clearance for J1P-18 will be similarly difficult.
- In response to EPA's request for scoping additional RDX delineation wells, Jay Clausen (AMEC) concurred with EPA that additional monitoring wells were needed downgradient of MW-206 and MW-205. Additional wells would be scoped using particle tracks. Mr. Clausen preferred to wait to see the results of J1P-16 and J1P-18 before scoping another well east of MW-205.
- At Todd Borci's request, the Guard agreed to provide an updated Central Impact Area plume map (incorporating EPA's comments last week) with the new proposed well locations. Karen Wilson (IAGWSPO) to preview locations prior to submission to agencies for possible natural and cultural resource issues. An updated map will be provided to agencies as early as Monday, 8/12. MADEP to review map to assess whether the extent of characterization for RDX would be adequate under the MCP.
- At Mr. Borci's request, the Guard agreed to provide an updated map showing new perchlorate data from site-wide perchlorate characterization efforts at the 8/15 Tech meeting.

**Bourne Update**

Bill Gallagher (IAGWSPO) led the discussion regarding investigations in the Bourne area.

- New low-level detections of perchlorate were reported for 02-15 and 02-12M3. Weekly and monthly sampling continues.
- Drilling of WS4P-2 is progressing slowly due to loose sands. Drilling will probably be completed by mid next week.
- At the meeting with Bourne Water District yesterday, the BWD inquired about the status of presentations of various treatment technologies for perchlorate and the identification of other vendors.
- Tina Dolen (IAGWSPO) indicated that presentations regarding treatment technologies had been arranged with SAIC (Ion Exchange) and Envirogen (Fludized Bed Reactor) for 8/13 and were to be taped. Ms. Dolen also suggested that Erica Beckvar (AFCEE), who was on the DOD Perchlorate Working Group, be invited to speak on various technologies that the working group has been evaluating over the last few years. Dr. Fred Cannon (Penn State) was also willing to come, although none of his data from the Bourne study had been provided.
- Todd Borci and Dave Hill (IAGWSPO) agreed that presentations should be arranged with Ms. Beckvar and Dr. Cannon (if he would provide his data). Otherwise invitations to vendors to provide presentations should be limited to those who have operable treatment systems in

place. Mr. Borci to forward Ms. Dolen information on another company using Ion Exchange for perchlorate treatment.

- The Bourne model update is complete, model is being calibrated, and particle tracks should be generated by the end of next week.
- The Bourne Perchlorate Workplan is being drafted. Len Pinaud (MADEP) requested that some plan for source characterization be presented at the IART meeting. Guard to discuss a potential scope internally and attempt to provide a draft scope or plan for the agencies to review prior to the IART Dry Run on August 22.

**Demo Area 1, D1P-15 Well Installation**

Karen Wilson (IAGWSPO) led the discussion regarding ROA issues for the relocation of proposed well D1P-15.

- Ms. Wilson indicated that the SHPO office had not reviewed the ROA for the original proposed location for D1P-15, as the procedures were not yet in place when this ROA was submitted. Therefore, Dr. Susan Goodfellow (MAARNG) felt it was important that the submission of the ROA for the new location follow the newly established procedures. The ROA for D1P-15 was submitted to SHPO on Tuesday, 8/6. Dr. Goodfellow has requested that SHPO expedite the process for this location. There is a legal requirement for the Guard to provide SHPO 30 days to review any activities that will result in surface disturbance. If SHPO does not respond in 30 days, the Guard may proceed with the work, but SHPO still can provide comment. Natural Heritage has been providing review and approvals within 2 weeks.
- Todd Borci requested that a prioritized list of ROAs be forwarded to SHPO. Gina Tyo (ACE) agreed that some sort of process needed to be instituted to work with SHPO so that work would not be delayed. This should include not only a prioritized list of ROAs, but also an explanation of the activities being performed under the IAGWSP.
- Karen Wilson (IAGWSPO) explained that Dr. Goodfellow was attempting to establish a relationship with SHPO in order to obtain a programmatic agreement that would allow Dr. Goodfellow to approve ROAs on site. A key part of such an agreement would be approval of MMR's Integrated Resource Management Plan that will be submitted pending internal review in the coming weeks. Once this Plan is approved, Dr. Goodfellow's efforts to obtain a programmatic agreement may take 3-4 months.
- Update on the ROA process to be provided next week.

**J-1 Ranges Proposed Monitoring Wells**

Karen Wilson (IAGWSPO) led the discussion on relocations of proposed J-1 Range wells. A figure was distributed showing the location of the proposed monitor wells in relationship to the proposed firebreak.

- J1P-17 was left as originally scoped on an old road scar and in the middle of the ZOC from the Base Water Supply wells. J1P-16 was moved 400 northwest and J1P-18 was moved 100 feet northwest so that the roads to these wells could be incorporated into a proposed firebreak. All three wells are located downgradient of the J-1 Range Interberm Area.
- EPA and MADEP approved the well location for J1P-16/18 as proposed by the Guard.
- Todd Borci requested that J1P-17 location be moved 300 feet west to the edge of the ZOC as shown. Mr. Borci noted that the Zone II will increase in width once it is remodeled using 1.5 million gallons per day. Therefore, J1P-17 will still be located in the ZOC if it is moved west. Dave Hill (IAGWSP) agreed to relocation of the well as proposed by Mr. Borci. MADEP concurred.

**Miscellaneous**

- During the site visit yesterday, Todd Borci noted multiple breaches of the fence along the western MMR boundary and evidence of dirt bike use. Mr. Borci requested that the Guard photograph and document all fence breaks and forward these pictures to the agencies. Mr. Borci requested that the Guard keep track of access issues particularly along the western site boundary and how Range Control deals with these issues. Len Pinaud concurred that it was important to start maintaining a record of how well access to MMR is controlled. Bill Gallagher indicated that the Guard would take pictures for the agencies and would discuss documentation/tracking issues internally.
- Todd Borci asked for an update on the status of the SERDUP test bed for UXO characterization that had been stopped because of the number of anomalies found and the discovery of horseshoes and inert rifle grenades. Was this site closed or referred to AFCEE? Dave Hill to check on status with Ben Gregson; added to the punchlist.
- In response to Mr. Borci's request, Gina Tyo (ACE) to ask Bill Holtham (ACE) to update Todd Borci on the status of the investigation of munitions disposal at Osbourne Pond, a site that was being considered under the FUDs program.
- At Desiree Moyer's (EPA) request, MAJ Bill Myer (IAGWSPO) to talk to Shaun Cody (MAARNG) about her request to David Cray for GIS data layers for the base.

The following are the notes from the August 15, 2002 Technical Team meeting at the IAGWSPO:

**Punchlist Items**

#2 Provide recent test results of monitoring wells for WS-1, -2, -3 (E&RC). Draft Report with validated results being prepared. Report to be provided to the Co-op at the 8/14 meeting. Data to be provided to the IAGWSPO after this meeting. LTC Tyminski (E&RC) did not make the meeting, so update to provided next week.

#5 Provide access update on private Snake Pond property (IAGWSPO). Property owners have indicated that signing of the agreement will be delayed because they do not wish work to proceed prior to early September, after the school year begins.

#6 Discuss reporting of Perchlorate <1ppb with Dan Mahoney (Sandwich) (EPA). Todd Borci (EPA) emailed Mr. Mahoney, will contact him again by phone if no response is received.

#7 Determine POC for Schooner Pass Condo Association to discuss sampling of private supply well (IAGWSPO). Bill Gallagher (IAGWSPO) indicated that sampling of the well was scheduled for 8/16. Previous two rounds of data were faxed to Bob Smith (Condo Association Manager) and future data will be mailed by AMEC as it is received.

#8 Provide Update on SERDEP UXO Technology Demonstration Site (IAGWSPO). Dave Hill was trying to contact to George Robati (AEC US Army Environmental Center). Dr. Susan Goodfellow (ERC) indicated that this site (one of two originally selected) was no longer to be used for the project due to the number of anomalies found. Larry Hudgins (Tetra tech) indicated that items discovered included rifle grenades, thousands of nails, ash, and barbed wire. Todd Borci requested that these discoveries be summarized and documented for the project file in case this information is useful for the base investigations. Dr. Goodfellow also indicated that a second site near Range Control, a moderate sensitivity area that had also been selected for testing, would require a cultural resources survey prior to any excavation. It was Dr. Goodfellow's understanding that a replacement site for the first area was not being considered. Mr. Borci requested that the Guard look into the status of the Technology Demonstration; EPA would like to see the work completed at MMR.

#9 Provide SHPO status on ROA update table and prioritization of ROAs for SHPO review (Corps). Heather Sullivan (ACE) added SHPO status as a column to the ROA table. Latest table from weekly mailing distributed at meeting. Ms. Sullivan to indicate priorities to SHPO when ROAs are forwarded.

#11 Provide update on UXO munitions investigation by others at Osborne Pond (Corps). Bill Holtham (ACE) provided email status report on 8/13. Site has been identified as a FUDS.

#12 Provide update on tracking Boundary Incursions (IAGWSPO). Nick Iaiennaro (ACE) and Bill Gallagher (IAGWSPO) spoke with Range Control regarding the fence repairs along the western base boundary. Range Control is aware of the problem and is planning on repairing the fence and posting "No Trespassing" signs. Mr. Gallagher to identify a date that the fence will be fixed and discuss with COL Luciani, the EPA's request to take pictures of the fence breaches. Photographs will be taken of the fence repairs. Mr. Gallagher to call Todd Borci on Monday 8/19 with update.

**MSP3 Update**

Rob Foti (Corps) provided an update on the MSP3 tasks.

AirMag. Excavation of seven of 22 anomalies was completed. Table of discoveries was distributed in the weekly mailing and at the Tech meeting. Excavation areas have been left open for Dr. Susan Goodfellow's (ERC) inspection.

SCAR Site. Vegetation & grubbing is ongoing, will be approximately 95% complete by Friday 8/16. Surface clearance of UXO is approximately 85% complete. 35% of the geophysical survey has also been completed. Data has been collected on 22/60 grids.

N Range. Intrusive investigation commenced today. Work has been coordinated with Tina Dolen (IAGWSPO); a press release was issued. Excavations will be left open pending Dr. Goodfellow's inspection.

**ROA/SHPO Update**

Karen Wilson (IAGWSPO) led a discussion of ROA issues.

- Several ROA approvals for well locations were received from SHPO this week as listed in the ROA Status table. The Guard is still waiting on some approvals from Natural Heritage; these should be received by the end of next week.
- Bourne ConsCom was contacted regarding the MSP3 pond investigations. Bourne ConsCom did not think that these investigations would require filing with the commission, however they would like a letter describing the proposed activities. Sandwich ConsCom was contacted regarding Grassy Pond, but no reply to the inquiry has been received.
- Dr. Susan Goodfellow indicated that budget cuts had reduced the staff at SHPO to three personnel for ROA processing. Therefore, ROA reviews cannot be promised in less than the specified 30-day time period. After 30 days without comment, it can be assumed that SHPO concurs with the proposed action. If a cultural resource survey is recommended as part of the action, it can be assumed after 30 days with no comment that SHPO concurs with the recommendation. The E&RC is planning on submitting the Integrated Resources Management Plan by the 2nd week of September. Once this is submitted, Dr. Goodfellow will begin negotiations to establish a programmatic agreement with SHPO. Pending a legal review by the National Guard Bureau, this agreement may be issued by mid November. Once the programmatic agreement is in place, ROAs will not need to be submitted to SHPO, with the exception of major activities. All actions will be summarized and provided to SHPO in an annual report.
- Dr. Goodfellow's recommendation for the pond investigations, which require the excavation of small areas, are to proceed but require the UXO crews to screen all soil (1/4-inch sieve) for non-UXO related items. The screened material is to be retained for Dr. Goodfellow's

inspection. A detailed procedure of this screening process will be provided to the survey crews. Similar inspection is required for all disturbances in moderate and high cultural resource sensitivity areas. If the areas are larger than those designated in the pond investigations, a different approach would need to be taken, such as a pre-survey or monitoring during excavation by a UXO and cultural resources qualified crew member.

- Todd Borci requested that the Guard/Corps review proposed investigation areas to determine sensitivity to avoid potential schedule impacts.

**Central Impact Area RDX Plume Map and Additional Wells**

Bill Gallagher (IAGWSPO) led the discussion regarding Central Impact Area issues. A map was distributed showing a revised RDX plume shell and proposed locations for three monitoring wells.

- Todd Borci requested that the greater than 10 ppb contour be reviewed more carefully and extended to reflect wells (such as MW-113) that have several rounds of data with detections in excess of 10 ppb. In general, data should be reviewed closely to make sure that all contours are as accurate as possible.
- Three proposed well locations were reviewed as follows. Site walk scheduled for 8/16 to select exact locations:

  **CIAP-27** (Change proposed name to CIAP-14, since this location is already funded and can be prioritized). Located downgradient of MW-206. All parties agreed to locate the well just north of intersection of particle track with Avery Road, if topography/access allows. This will aid in bounding the plume to the northeast as well as the west.

  **CIAP-14** (Change proposed name to CIAP-27). Located downgradient of MW-205 along particle track on Pocasset Road. All parties agreed on the location, pending the site walk.

  **CIAP-28.** Located approximately 600 ft east of MW-205 on Wood Road. All parties agreed on the location, pending the site walk.
- Agencies to review proposed locations to decide if, based on non-detects in these new proposed wells, sufficient data is available to complete the characterization of the Central Impact Area groundwater plume for explosives.
- Len Pinaud (MADEP) was concerned that the modeling had not been completed with accurate representations of pumping levels of the Base Water Supply wells. Jay Clausen (AMEC) indicated that a synoptic water level round, mostly consisting of wells upgradient of Bourne but including wells across the site, was completed in June. Mr. Clausen expressed confidence that this information was sufficient for accurate calibration of the model.

**Site-Wide Perchlorate in Groundwater Map**

Kim Harriz (AMEC) distributed a map that encompassed the Central Impact Area and peripheral areas. The map depicted the latest validated and unvalidated perchlorate concentrations detected in groundwater samples from monitoring wells across the area. Locations of wells still to be sampled for perchlorate analysis were also depicted.

- The map was to provide an overview of the majority of data collected to date as part of Perchlorate site-wide characterization. And was only to be used as a planning tool for the agencies and Tech team members.
- The concentrations of perchlorate specified on the map were the highest concentrations detected at each location. Dry wells were also designated. Crosses indicated wells with detections in excess of 1.5 ppb (the EPA MMR Relevant Standard) on base, and in excess of 1.0 ppb (the MADEP Interim Drinking Water Advice) in the Bourne area or in Far Field wells at the base boundary with Bourne.
- The map showed many new non detects of perchlorate in the Central Impact Area. One of

the more interesting detections was at MW-15M1, located off of Spruce Swamp Road at the southwest corner of the Central Impact Area, at 1.0 ppb (unvalidated). This well is about one mile upgradient of WS4P-2.

**Bourne Update**

Bill Gallagher (IAGWSPO) led the discussion regarding the Bourne area investigations.

- Thirty feet remained in the drilling of WS4P-2, a well that was progressing slowly due to very loose sands. The total depth will probably be reached tomorrow, 8/16.
- There was a 9 ppb detection (unvalidated) of MTBE at 02-07M3, as well as a perchlorate detection. However, the Guard did not think that the MTBE (a relatively new gasoline additive) detection was related to Base activities. Len Pinaud (MADEP) pointed out that MTBE had not been identified as a COC for groundwater as part of the IRP program. MADEP to review list of MCP sites in Bourne for a possible source. The Guard provided a table of all MBTE detections on base to Leo Yuskus (Haley and Ward).
- Vendor perchlorate treatment technologies were presented at a meeting on 8/13. SAIC's Ion Exchange treatment was characterized by a resin that was highly specific to perchlorate and did not appear to be affected by impurities in the groundwater. However, SAIC has not proven that the technology can effectively treat groundwater at the concentrations characteristic of the MMR plumes. The cost is also approximately 60 cents/1000 gallons. Envirogen's Fluidized Bed Reactor treatment is up and running and works well. The cost is one third of the Ion Exchange treatment cost. There is some question regarding approval of the technology for treatment of drinking water, since the water is de-oxygenated during treatment. There also may be an introduction of a pathogen to the water supply resulting from the treatment. The technology has been approved in California. A videotape of these presentations will be provided to the agencies.
- Dr. Fred Cannon (Penn State) is planning to provide a presentation of his GAC treatment results on 8/21 @ 1:30 pm. Todd Borci indicated that the information that Dr. Cannon had forwarded regarding his testing was somewhat incomplete. For instance, neither actual data nor the analytical method he used was provided. Mr. Borci recommended that AMEC review the information that had been sent and provide feedback. Additionally, information to be provided at the IART meeting should be a balanced presentation of all potential technologies.
- AMEC was still working on the Bourne Perchlorate Response Plan. Mr. Gallagher to speak to Jay Clausen about a submittal date. However, the plan would not be ready for submittal prior to the IART meeting. Todd Borci and Len Pinaud stressed the importance of at least a conceptual plan to be provided to the IART. Mr. Borci had been expecting a preliminary plan of proposed soil sampling locations and monitoring wells to be discussed at this Tech meeting. At the least, an outline of the scope, including preliminary proposed well and soil sampling locations and a modeling update needed to be provided. At this time, Mr. Borci expressed a lack of confidence about when the Workplan would be provided and whether it would include everything that was needed for the source investigation.
- Bill Gallagher and Heather Sullivan indicated that the Guard/Corps and AMEC would discuss a preliminary scope internally on Monday and forward this scope to the agencies.

**Documents and Schedules**

Marc Grant (AMEC) reviewed document and schedule issues.

- Of priority for the Guard was the Demo 1 Environmental Risk Characterization Report MOR. The MOR needs to be approved for the project to stay on the proposed schedule. MADEP indicated that they are waiting the return of key personnel from vacation to review the document. EPA comments are also pending.

- Site-Wide Perchlorate Characterization Workplan Comment Resolution Meeting. None needed by the MADEP; Workplan approval already provided by EPA.
- Addendum Gun & Mortar Firing Positions Additional Characterization Workplan. Asking for MOR approval from EPA by 8/21. MADEP approval already received.
- HUTAI Report. Comment needed from MADEP. Revised draft report to be submitted 11/7; MADEP may wait for this report to comment.
- HUTA2 Reports. Need MADEP comment to meet new 9/12 combined report date. Todd Borci indicated that EPA would review the submittal schedule and outline for the combined report, as provided in the RCL. The Guard and agencies should agree on a new submittal date and then the Guard should request an extension to this date before the 9/12 deadline. New combined report to be submitted as a Draft Final with separate chapters for each transect and combined conclusions and recommendations.
- An extension request for modification to the schedule for the Central Impact Soil Report, Demo 1 Groundwater Report Addendum, Demo 1 Soil FS and Training Areas Report was sent out on 8/14. To Mr. Borci's inquiry, Mr. Grant explained that dates provided on the Gantt chart in the Finish column are projected dates based on reality; actual enforceable milestones are listed in the column on the far right of the chart. The agencies can expect extension requests when the dates in these two columns are not in agreement, as the enforceable milestone mark is reached. An example would be the MSP Phase III Eastern Test Site Report, which has a milestone of 9/16, but is projected to be submitted on 9/19. Therefore as the milestone date approaches, the agencies should expect this deliverable to be included in an extension request.
- Todd Borci requested that the enforceable milestone for the Central Impact Area well installation be shown in the chart as TBD.
- Noting that Demo 1 Groundwater FS MOR, which had been submitted on 5/2, seemed to have fallen through the cracks, Mr. Borci requested that the Documents having Comments section on the Scheduling Issues handout be segregated into an Agency Action subsection and Guard Action subsection, in order to more easily distinguish responsibilities.
- Todd Borci indicated that RCL for 2002 LTGM was fine with the addition of explosive and perchlorate analyses to the MW-171 shallow and mid screen and MW-169 shallow screen. These can be added without another RCL or CRM. Heather Sullivan to check for receipt of MADEP comments.

**Miscellaneous**

- Tina Dolen (IAGWSPO) asked for comment on the Activities Map that had been provided to the agencies and other Tech Team members. Ed Wise (ACE) suggested that Range Control be shown/labeled and the H Range boundary clarified. Todd Borci suggested that base Water Supply Wells be labeled.
- Section 104E Request information provided by Foster-Miller was distributed by MAJ Myer (IAGWSPO).

The following are the notes from the August 22, 2002 Technical Team meeting at the IAGWSPO:

**Punchlist Items**

#2 Provide recent test results of monitoring wells for WS-1, -2, -3 (E&RC). Results distributed at meeting. Comments to be provided next week.

#4 Discuss reporting of Perchlorate <1ppb with Dan Mahoney (Sandwich) (EPA). Sandwich Water Supply has indicated that they do not want to have the wells sampled for explosives

until the issue regarding the Perchlorate reporting limit is resolved. No response from Dan Mahoney. EPA will contact Mr. Mahoney prior to next week's Tech meeting.

#6 Provide Update on SERDEP UXO Technology Demonstration Site (IAGWSPO). Dave Hill to contact George Robitaille (AEC US Army Environmental Center) regarding this project. LTC FitzPatrick to request any available information from Hap Gonser (E&RC).

#8 Provide IART presentation draft on Bourne Perchlorate investigation for EPA/DEP review before 22 Aug IART dry run (IAGWSPO). Draft scope distributed on 8/20.

#11 Provide photos and incident report regarding MMR Boundary Incursions (IAGWSPO). Distributed on 8/16.

#12 Review investigation sites for potential ecological/cultural sensitivity issues (Corps/IAGWSPO). Gina Tyo (ACE) indicated that the technical leads will be requested to review all sites with respect to these issues. Impacts to schedules will be addressed, accordingly.

**MSP3 Update**

Rob Foti (Corps) provided an update on the MSP3 tasks.

SCAR Site. Vegetation & grubbing is completed. Surface clearance of UXO is approximately 95% complete. 50% of the geophysical survey has also been completed. BIPs of five items are scheduled for today.

N Range. Excavation of Anomalies 1, 2, 4, 5, 8, and 9 has been completed. Currently working on Anomaly 6, which appears to be a burial site, although only inert and empty items have been identified. Crews will be returning to Anomaly 7 for further investigation; Karen Wilson (IAGWSPO) will be consulted to see what areas can be cleared to gain access. Anomaly 3 has not yet been investigated. A summary list of items discovered per anomaly is as follows:

(1) Concrete slabs, probably remnant of Former K Range bunker.
(2) Metal post.
(4) Fencing wire, rocks.
(5) Seven 4.5" rockets-empty on surface; nothing in subsurface.
(6) 813 (empty) M31 HEAT Rifle Grenade Warheads, 12 unfuzed/empty 90MM M371 projectile, non-OE scrap.
(8) Assorted trash.
(9) Steel Pipe.

- Ellen Iorio (ACE) distributed an email that described some unusual analytical results (characterized by relatively high explosive and perchlorate detections) reported for post-detonation samples at the Eastern Test and Scar sites. The Corps/Guard were recommending that the soil in these areas be excavated (complete a limited removal action) and containerized ASAP. Additional post-excavation sampling could be done in accordance with the new BIP sampling plan. Nick Iaiennaro (ACE) indicated that the higher level of explosives detected may have resulted from a low-order detonation because of the use of the incorrect charge. Perchlorate may have been contributed by the smoke charge from the M804 LITR round. Todd Borci (EPA) requested information on the boosters or shape charges that were used; this information is usually included in Mr. Iaiennaro's table summarizing BIP activity. Ms. Iorio to follow-up with information and removal action.

**Demo 1 Area Groundwater**

Heather Sullivan (ACE) led a discussion on proposed well locations to determine the toe of the plume. A map was distributed showing a revised plume map based on a recent detection of perchlorate at MW-225.

- Because of a software glitch, Perchlorate profile results for MW-225 were incorrectly reported. Rush groundwater results received this week showed a detection of Perchlorate at MW-225M3 of 2.9 ppb.

- As a result of this detect, indicating that MW-225 is at the center of the plume, D1P-15 was relocated back to its original proposed location north of MW-225.
- Two additional, downgradient wells are being scoped. The most accessible area west of the current line of monitoring wells is a power line break located approximately 1250 ft west. The area of interest is particularly steep, which may prove to be difficult for drill rig access. Access via Fredrikson Road from the north is a possibility.
- EPA/MADEP agreed that non-detects at wells installed downgradient along the power line should provide agencies enough information to move forward on the Interim Action.
- The next step for the Corps/AMEC is to scout appropriate locations, stake, and scope easiest access. The two proposed locations to be discussed as an agenda item next week, 8/29 Tech meeting.
- Len Pinaud (MADEP) suggested that the Corps coordinate access to the power line easement with the Power Company immediately and alert him of any difficulties ASAP, so that this issue does not impact the drilling schedule.
- UXO clearance is scheduled to begin tomorrow 8/23 at D1P-15. Drilling at this location should commence in approximately 2 weeks. MW-231 (D1P-14) groundwater results are due next week.

**Central Impact Area Additional Wells**

Heather Sullivan (ACE) led the discussion regarding Central Impact Area issues.

- Based on a site walk to scope the three proposed well locations the following changes were recommended:

  **CIAP-27** (Change proposed name to CIAP-14, since this location is already funded and can be prioritized). Recommend 250 feet northeast at the intersection of the existing road with Avery Road. Agencies agreed that this was probably OK.

  **CIAP-14** (Change proposed name to CIAP-27). Located downgradient of MW-205, 75 ft south (possibly more) of previously proposed location on Pocasset/Sandwich Road. This moves the location off of the particle track.

  **CIAP-28** The proposed location approximately 600 ft east of MW-205 on Wood Road would be hard to access. Todd Borci (EPA) requested that it then be moved closer to MW-205 rather than further east.
- Heather Sullivan to have new proposed locations placed on a figure and summarize changes. Proposed well numbers to be switched as requested.
- Len Pinaud (MADEP) indicated that with the addition of these wells and pending results, this effort seemed sufficient to complete delineation of the explosives plume in the Central Impact Area.
- EPA to review Soil OU schedule and provide comment.
- Heather Sullivan indicated that the groundwater schedule will be updated with the additional well installations. Schedules to be revised prior to the September 19th deadline for an extension request.
- Target soil results to be provided to agencies in a “Hits Only” table and map when prepared. This information will then be incorporated in the Soil Report.
- Final proposed well locations and schedules to be discussed at the 8-29 Tech meeting.

**Bourne Update**

Bill Gallagher (IAGWSPO) led the discussion regarding the Bourne area investigations.

- The Guard has proposed 3 new wells for additional delineation of Perchlorate in the Bourne area. Two wells are upgradient, one well is located between 02-13 and Bourne Water Supply Well #1. Thirteen contingency wells, that may or may not be installed, have also been proposed. Soil sampling has also been proposed at several Mortar Positions in the

general upgradient area. Information from the site reconnaissance that the Corps completed with EPA will be reviewed to identify other specific areas that warrant further investigation with limited soil sampling. Ongoing MSP3 work in the vicinity may also result in additional sampling. The existing data is still being evaluated. Particle tracks from existing groundwater detects will help to focus additional soil sampling. Ellen Iorio (ACE) to provide map from earlier site reconnaissance to agencies.

- Heather Sullivan indicated that a Workplan schedule will be provided by the 8/29 Tech meeting. Todd Borci requested that a date for commencement of well installation be identified at that time. Mr. Gallagher noted that one well (BP-2) was currently funded and drilling of this well could proceed prior to finalizing the Workplan.

**Miscellaneous**

- Heather Sullivan distributed the current ROA status table. Approval was recently received on several wells and the GPiR Survey at the Gun and Mortar Positions.
- Todd Borci noted that there was no official schedule for J-2 Range investigation. To be discussed at the J-1/J-3, L Range CRM after the Tech meeting.

The EPA convened a meeting of the Impact Area Review Team on August 27, 2002. The issues discussed included updates on the Perchlorate Investigation, Recent Detections, and the Chemical Spill 19 Remedial Investigation.

The following are the notes from the August 29, 2002 Technical Team meeting at the IAGWSPO:

**Punchlist Items**

#3 Provide comments regarding recent test results for monitoring wells WS-1, -2, -3. Results distributed at 8/22 meeting. Ben Gregson requested comments. No comments from attendants at 8/29 meeting. Item to be removed from the punchlist.

#4 Provide update access Clark's Property at Snake Pond. The Guard/Corps to coordinate with the Guard CI staff as to when the well drilling on the Clark's property will occur, any activity to be preceded by the distribution of notices to the neighborhood. Heather Sullivan reported that plans are on the way for after Labor Day.

#5 Discuss reporting of Perchlorate <1ppb with Dan Mahoney (Sandwich) (EPA). Tina Dolen reported Dan Mahoney would allow sampling for explosives but does not want "J" values for perchlorate results. AMEC will schedule sampling of wells for explosives and wait to hear from Dan Mahoney regarding perchlorate sampling. Corps to stay in touch with Dan Mahoney with regard to the schedule.

#6 Provide Update on SERDP UXO Technology Demonstration Site (IAGWSPO). Larry Hudgins (Tetra Tech) explained that Tetra Tech was told this project was cancelled. LTC Will Tyminski provided historical background for one of the areas (used as a stable from the 70's until 1994). Documentation of materials (horseshoes and other related metal fragments) found during the site reconnaissance to be provided to the agencies by Mr. Hudgins.

#10 Provide schedule future SOW for Former A Range (IAGWSPO). Gina Tyo looking to EPA to evaluate priorities. Mr. Borci indicated that this subject will be discussed over the next several weeks.

#11 Provide map of recon. findings to EPA for area south of Range Control (Corps/IAGWSPO). Ellen Iorio sent an email describing findings to EPA. Mr. Borci confirmed he had received the email and did not make additional requests related to this item.

#12 Provide update/action on BIP soil results CIA, Eastern Test and SCAR sites (Corps/IAGWSPO). Ellen Iorio addressed this subject in an email to EPA sent earlier in the week. Mr. Borci asked what the follow-up would be for the BIP sites with elevated detections of explosives/perchlorate in soil. Ellen Iorio reported that soil from the BIP sites would be excavated next week. Mr. Borci asked if the new sampling procedures would be followed (e.g. sampling for perchlorate) and specifically for post-detonation samples of the 155mm LITR round. Larry Hudgins confirmed that Tetra Tech has the latest BIP sampling protocol and they are sampling for perchlorate on rounds that are known to contain perchlorate. Heather Sullivan confirmed that AMEC is also utilizing the draft protocol on BIPs. Ms. Sullivan also stated that the MOR for the Revised BIP Field Sampling Plan will be provided early next week.

**MSP3 Update**

Rob Foti (ACE) provided an update on the MSP3 tasks.
Southeast Ranges. Two teams currently working on the 15 remaining anomalies.
Bunker to the north of CS-19. Mr. Foti provided a map of AirMag results in vicinity of site. The closest anomaly is located 80 meters from the bunker. AMEC is checking to see if sampling results for the area are available.
J Range Polygon. Planning to start Polygon 2 on September 9
SCAR Site. Vegetation & grubbing is completed. BIPs of the following three items are scheduled for today:

1 x 155mm Projectile LITR with partially sheared fuze
1 x 105mm HE Projectile, M1 with M51 series PD fuze (damaged)
1 x 105mm HE Projectile, M1 with unknown fuze

N Range. Excavation of Anomalies 1, 2, 4, 5, 6, 7, 8, 9 and 10 has been completed. A summary list of items discovered per anomaly was distributed at the meeting and will be sent electronically. Currently working on Anomaly 3, which does not appear to extend into the trees. Materials recovered at Anomaly 3 include:

4 x JATO rockets, expended
2 x 81mm mortars, illumination, expended
4 x 3.5" rocket warheads, practice
1 x 90mm projectile, expended
250 lbs. Non-OE scrap

**Drilling in SE Ranges**

- Well LP-9 (MW-236) to be installed next week.
- Drilling to start at locations LP-8 and J3P-21 next week.

**Demo 1 Area Groundwater**

Heather Sullivan (ACE) led a discussion on the proposed well locations to determine the toe of the plume. A figure was distributed showing preliminary proposed monitoring well locations for D1P-16 and D1P-17 along the power line road.

- The proposed well locations may be modified later based on the groundwater results from MW-231 (expected Friday afternoon) and the profile results from D1P-15 (drilling scheduled to start Wed Sept. 4, profile results in approximately 2-3 weeks from now). The Air National Guard owns the power lines, therefore no coordination with NStar is required. AMEC will prepare a letter to the ANG requesting access that includes a summary of the proposed road use and a map showing the proposed locations.
- Karen Wilson (IAGWSPO) indicated that it would be possible to proceed with the ROA for D1P-16 if the position didn't shift too much.

**Central Impact Area Update**

Heather Sullivan (ACE) led the discussion regarding Central Impact Area issues. A revised map showing the three proposed well locations was distributed on Aug 27.

- The locations of CIAP-27, CIAP-14 and CIAP-28 were approved by the EPA via email on Aug 28 and verbally at the meeting by the DEP. The following is a summary of the proposed locations:
  - CIAP-14 location has not changed from that shown at last week's Tech Meeting (the proposed name was switched with CIAP-27).
  - CIAP-27 location slightly changed from that shown at last weeks Tech Meeting. The reconnaissance confirmed that the original location (on the particle track) and this proposed location are 73.4' apart..
  - CIAP-28 the location shown on this map is the original location. There is no better spot to put a drill pad between this location and MW-205.
- Drilling at CIAP-24 may reach total depth today and the wells will be installed next week.

**Bourne Update**

Bill Gallagher (IAGWSPO) led the discussion regarding the Bourne area investigations.

- Wells are being set at WS4-P2 this week.
- The Guard currently has scoped four wells, one of which is currently funded. AMEC will provide a particle track map early next week to help decide which well should be installed first. Mr. Gallagher will provide a schedule of activities to EPA prior to the Thursday 9/5 conference call to facilitate the discussion.
- Ben Gregson (IAGWSPO) reported that the Bourne Water Commission is asking for additional monitoring wells in the vicinity of WS-4. Specifically, they requested a well between WS4-P2 and WS-4 and another between WS4-P1 and WS-4. Mr. Gregson indicated that his preference would be to first install the well between WS4-P2 and WS-4.
- Mr. Gallagher stated that the impacts to the schedule needed to be discussed internally tomorrow. Mr. Borci requested a discussion at next week's meeting on how long until the three remaining scoped wells are funded/installed.
- Tina Dolen (IAGWSPO) reported that Leo Yuskus (Haley and Ward) has asked to be included in the Tech Meeting discussions; she will further discuss with him what time is convenient for him.

**Scrap Update**

John MacPherson (ACE) provided an update of the scrap operations at MMR. A memo dated 8/28/02 summarizing the scrap operations at MMR was distributed at the meeting. The three discussion points in the memo were:

- A July meeting of the DEP, EPA and Corps resulted in the DEP approving the use of GAC to treat water impacted by explosives that has collected in the sumps in the scrap yard. The EPA decided in August to consider this water a waste, therefore it cannot be treated and discharged to the ground without a permit.
- The EPA asked about the Guard's plan of action for disposing of the wastewater. Mr. MacPherson explained that water in the existing drums will be characterized and disposed of accordingly. The sump water will either be drummed or disposed of via a vacuum truck.
- Collection of non-OE material from the field is being managed at the former RRA Containment Pad. Changes are required to the current workplan to more thoroughly address how to manage soil and water with possible residual contamination. The Corps and Guard are considering the use of an alternate contractor once work plan changes are made.

- Mr. MacPherson contends that the water currently in the sumps is isolated, and will not mix with precipitation. However, the EPA is not convinced that this is the case. Currently the volume of water in the sumps would fill approximately 50 drums. Mr. MacPherson will also check to see if the lab can do selective ion monitoring on the samples with detections of 2,6-DNT and 1,3,5-TNB, to confirm the detections. Since the pad will be used in the future, the goal is to revise the Workplan to account for the possibility that residual soil may be transported to the pad.
- EPA requested a date for submission of the Scrap Yard Workplan be provided by Thursday 9/5.

**Documents/Schedule**

Heather Sullivan (ACE) distributed a summary of IAGWSP scheduling issues and provided detail on the status of various reports.

- Still waiting for Agency comments on the Small Arms Ranges Report and the Training Areas FSP.
- MOR approval is still needed on the TM 01-7 UXO Interim Screening Report. DEP to resend MOR approval for TM 01-7.
- Guard/Corps are expecting to send out the Demo 1 Field Biota Sampling Plan on 8/30 and receive regulator comments by 9/10.
- Ellen Iorio (ACE) stated that the Guard/Corps are still waiting for comments on the HUTA 2 Transect 4 Report (provided by EPA after the meeting). Ms. Iorio requested permission to wait and collectively address comments for all the HUTA 2 reports, and requested Agency review of a table of contents. EPA agreed to these requests.
- Desiree Moyer (EPA) stated that EPA has provided comments on all HUTA 2 Transect reports.
- Bill Gallagher asked the EPA their opinion regarding the inclusion of MSP work into the various Phase IIB reports. The EPA responded by saying they are open to suggestions. Bill Gallagher to develop approaches for the various sites (U Range, N range, Succonsette Pond, etc). Guard proposed to discuss internally and add to Sept. 12 Tech Meeting Agenda.

## 2. SUMMARY OF DATA RECEIVED

Validated data were received during August for Sample Delivery Groups (SDGs) CEI175, CEI176, CEI177, CEI178, CEI179, CEI180, CEI182, CEI186, CEI187, CEI188, CEI189, CEI191, CEI192, CEI193, CEI194, CEI195, CEI196, CEI197, CEI198, CEI199, CEI200, CEI201, CEI202, CEI203, CEI203, CEI204, CEI205, CEI206, CEI209, CEI210, CEI211, CEI212, CEI214, CEI215, CEI216, CEI217, CEI218, CEI219, CEI220, CEI221, CEI222, CEI223, CEI224, CEI225, CEI226, CEI227, CEI228, CEI229, CEI230, CEI232, CEI235, CEI236, CEI238, CEI243, CMR066, CMR067, CMR069, GMR008, GMR009, GMR012, MMR824, MMR830, MMR850, MMR851, MMR852, MMR853, MMR855, MMR856, MMR865, MMR870, MMR879, MMR880, MMR884, MMR885, MMR889, MMR893, MMR896, MMR897, MMR898, MMR900, MMR901, MMR902, MMR903, MMR905, MMR096, MMR907, MMR908, MMR909, MMR910, MMR913, MMR914, MMR915, MMR917, MMR918, NMR027 and NMR028.

These SDGs contain results for 30 crater grab and grid samples; 198 groundwater samples from residential wells, supply wells, monitoring wells, observation wells, and spring; two process water samples from the FS-12 treatment system; 196 profile samples from monitoring wells MW-212, MW-213, MW-217, MW-218, MW-219, MW-220, MW-223, MW-224, MW-225, MW-

226, MW-227, MW-228, MW-229, MW-230, MW-231, and MW-232; 624 soil grab and grid samples from J-1, J-3, G, E, and KD Ranges, BA-1 Grenade Courts, Cleared Area 7, Central Impact Area Targets 3, 6, 11, 16, 17, 20, 26, 27, 28, 29, 30, 31, 32, 33, 34, 37, 40, 42, 43, 44, 46, 47, 48, 49 and Central Impact Area perchlorate sampling sites; three surface water samples from Snake Pond; 37 water samples from the aquifer and column tests; and one water sample from the J-3 Range.

Validated Data

Figures 1 through 8 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 E200.8, 300.0, 350.2M, 353M, 365.2, CYAN, IM40MB, and IM40HG
- Figure 3 shows the results of Volatile Organic Compound (VOC) analyses by methods OC21V, 504, and 8021W, exclusive of chloroform detections
- Figure 4 shows the results of Volatile Organic Compound (VOC) analyses by method OC21V, only detections of chloroform. This figure is updated and included semiannually in only in the January and June Monthly Progress Reports.
- Figure 5 shows the results of Semi-Volatile Organic Compound (SVOC) analyses by methods OC21B and SW8270, exclusive of detections of bis (2-ethylhexyl) phthalate (BEHP)
- Figure 6 shows the results of Semi-Volatile Organic Compound (SVOC) analyses by methods OC21B and SW8270, only detections of BEHP. This figure is updated and included semiannually only in the January and June Monthly Progress Reports.
- Figure 7 shows the results of Pesticide (method OL21P) and Herbicide (method 8151) analyses
- Figure 8 shows the results of Perchlorate analysis by method E314.0

The concentrations from these analyses are depicted in Figures 1-7 compared to Maximum Contaminant Levels (MCLs) or Health Advisories (HAs) published by EPA for drinking water. The concentrations from Perchlorate analyses are depicted in Figure 8 compared to an EPA MMR Relevant Limit. 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, HA, or EPA MMR Relevant Limit 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, HA, or EPA MMR Relevant Limit. 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, HA, or EPA MMR Relevant Limit, sorted by analytical method and analyte, since 1997.

There are multiple labels listed for some wells in Figures 1-8, 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/EPA Limit. 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 1-8 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 1-8 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/EPA Limit 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. There is no historical data available for Perchlorate.

Figure 1: Explosives in Groundwater Compared to MCLs/HAs

For data validated in August 2002, no wells had first time validated detections of explosives above the MCLs/HAs. Three wells, 58MW0006E (CS-19), 31M and 114M2 (Demo Area 1), had first time detections of various explosive compounds below the 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, 77, 114, and 129);
- Demo Area 2 (wells 16 and 160);
- the Impact Area and CS-19 (wells 58MW0001, 0002, 0009E, 0011D, 0016B, 0016C 0018B; and wells 1, 2, 23, 25, 37, 38, 40, 85, 86, 87, 88, 89, 90, 91, 93, 95, 98, 99, 100, 101, 105, 107, 111, 113, 178, 184, 201, OW-1, OW-2, and OW-6); and
- J Ranges and southeast of the J Ranges (wells 45, 58, 132, 147, 153, 163, 164, 165, 166, 171, 191, 196, 198 and wells 90MW0022, 90MW0054 and 90WT0013).

Exceedances of drinking water criteria were measured for 2,4,6-trinitrotoluene (TNT) at Demo Area 1 (wells 19S, 31S, 31M, and 31D) and Southeast of the Ranges (196S), for 1,3-dinitrobenzene and nitroglycerin at Demo Area 1 (well 19S), and for hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) at all of the locations listed above except at MW-45 and MW-196. Exceedances of drinking water criteria were measured for 2,6-dinitrotoluene (2,6-DNT) at MW-45S.

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

CS-19 is a site located in the Impact Area. Portions of CS-19 are currently under investigation by the Air Force Center for Environmental Excellence (AFCEE) under the Superfund program.

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

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

Figure 2: Metals in Groundwater Compared to MCLs/HAs

For data validated in August 2002, no wells had first time validated detections of metals.

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. Arsenic (well 7M1), cadmium (52M3), and chromium (7M1) each had one exceedance in a single sampling round in August-September 1999. One of four lead exceedances (ASP well) was repeated in another sampling round and the remaining three lead exceedances (wells 2S, 7M1, and 45S) have not been repeated in previous or subsequent results. The Health Advisory for molybdenum was updated based on the most current state and federal Health Advisories from 10 ppb to 40 ppb. Two of the eight molybdenum exceedances were repeated in consecutive sampling rounds (wells 53M1 and 54S). All of the molybdenum exceedances have been observed in year 1998 and 1999 results. Six of the 17 sodium exceedances were repeated in consecutive sampling rounds (wells 2S, 46S, 57M2, 57M1, 145S, and SDW261160). Five wells (90WT0010, 21S, 46S, 57M1, and 57M2) had sodium exceedances in the year 2000 results; five wells (21S, 144S, 145S, 148S and ASP) had exceedances in the year 2001 results, and one well (187D) had exceedances in year 2002 results. Zinc exceeded the HA in seven wells, all of which are constructed of galvanized (zinc-coated) steel.

None of the 12 antimony exceedances were repeated in consecutive sampling rounds, and only one exceedance (well 187D) was measured in year 2002 results. There have been few exceedances since the introduction of the new ICP method for antimony and thallium, discussed in the next paragraph. Eight of the 68 thallium exceedances were repeated in consecutive sampling rounds (wells 7M1, 7M2, 47M2, 52S, 52D, 54S, 54M1, and 94M2). Twenty-two wells (2D, 3D, 35S, 39M1, 45S, 46M1, 47M3, 47M2, 48M3, 48D, 49M3, 50M1, 52S, 54S, 56S, 56M3, 57M2, 58S, 64M1, 73S, 83S, and 127S) had thallium exceedances in the year 2000 results; ten wells (19S, 38D, 44S, 61S, 84M3, 84D, 94M2, 132S, 145S and 150S) had thallium exceedances in the year 2001 results.

In May of 2001, the Guard added a new method to achieve lower detection limits for antimony and thallium. Groundwater samples sent for metals analysis are analyzed for most metals by

Inductively Coupled Plasma (ICP) in accordance with the U.S. EPA Contract Laboratory Program Statement of Work ILM04.0. Antimony and thallium are also analyzed by graphite furnace atomic absorption (GFAA) in accordance with EPA Drinking Water Methods 202.4 (antimony) and 200.9(thallium). These additional methods achieve lower detection limits for these two metals, both of which are subject to false positive results at trace levels by ICP as a result of interferences. These interferences do not affect the GFAA analysis.

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

For data validated in August 2002, no wells had first time validated detections of volatile organic compounds above MCLs/HAs. Seven wells, 00-1D, 02-05M2, 02-13M3, and M-3 (Bourne), 80S (Bourne Far Field), 19S, and 114M2 (Demo Area 1), had first time validated detections of various volatile organic compounds that did not exceed the 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) and in the J-1 Range (MW-187D). 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. Detections of benzene, tert-butyl methyl ether, and chloromethane at J-1 Range well 187D are currently under investigation.

Detections of chloroform are presented separately in Figure 4, which was updated and included for the June Monthly Progress Report.

Figure 4: Chloroform in Groundwater Compared to MCLs

Chloroform has been widely detected in groundwater across the Upper Cape as stated in a joint press release from USEPA, MADEP, IRP, and the Joint Programs Office. The Cape Cod Commission (2001) in their review of public water supply wells for 1999 found greater than 75% contained chloroform with an average concentration of 4.7 ug/L. The IRP has concluded chloroform is not the result of Air Force activities. A detailed discussion of the presence of chloroform is provided in the Final Central Impact Area Groundwater Report (06/01). To date, the source of the chloroform in the Upper Cape groundwater has not been identified. This figure, presenting only chloroform detections was last updated and included for the June Monthly Progress Report.

Figure 5: SVOCs in Groundwater Compared to MCLs/HAs

For data validated in August 2002, no wells had first time validated detections of semi-volatile organic compounds.

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 well 41M1 which had an estimated level of 2,6-dinitrotoluene (DNT) that is equal to the HA. Detections of BEHP are presented separately in Figure 6, which was last updated and included for the June Monthly Progress Report.

The 2,6-DNT detected at well 41M1 is interesting in that the explosives 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 explosives 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 explosives method in the first, third, fourth, or fifth sampling rounds.

Figure 6: BEHP in Groundwater Compared to MCLs

Exceedances of drinking water criteria for bis (2-ethylhexyl) phthalate (BEHP) are scattered throughout the study area. BEHP is believed to be largely an artifact of the investigation methods, introduced to the samples during collection or analysis. However, the potential that some of the detections of BEHP are the result of activities conducted at MMR has not been ruled out.

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 mostly 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 four locations (out of 82) 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), and 146M1 (located at L Range). Subsequent sampling rounds at all these locations have had results below the MCL. Three wells (49S, 57M2, and 84D) have had a BEHP exceedance in the year 2000 results. Ten wells (28M1, 55D, 82D, 142M1, 142M2, 146M1, 157D, 158M2, 168M1, and 168M2) have had a BEHP exceedance in the year 2001 results. Four wells (27MW0705, 27MW2061, 188M1 and 196M1) had BEHP exceedances in the year 2002 results. This figure, presenting only BEHP detections was last updated and included for the June Monthly Progress Report.

Figure 7: Herbicides and Pesticides in Groundwater Compared to MCLs/HAs

For data validated in August 2002, no wells had first time validated detections of herbicides or pesticides.

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 5). The exceedance was for the herbicide pentachlorophenol in a sample collected in May 2000. There were no detections of this compound in the three previous sampling rounds in 1999, nor in the subsequent sampling rounds in 2000.

Figure 8: Perchlorate in Groundwater Compared to EPA MMR Relevant Standard

For data validated in August 2002, no wells had first time validated detections of perchlorate that exceeded the EPA MMR Relevant Standard of 1.5 ppb. Fourteen wells: 00-4; 02-02S; 02-03M2, M3; 02-05M2, M3; 02-08M2; 02-10M3; 1-88B (Bourne wellfield); 80M3; 213M2, M3 (Bourne Far Field); 66M2 (Northwest of Impact Area); and 184M2 (Central Impact Area) had first time validated detections of perchlorate that did not exceed the EPA MMR Relevant Standard.

Sampling and analysis of groundwater for perchlorate was initiated at the end of the year 2000 as part of the groundwater study program at Camp Edwards. EPA established the EPA MMR Relevant Standard for perchlorate of 1.5 parts per billion (ppb) specific to Camp Edwards. At present, there are 57 exceedances of the limit of 1.5 ppb for perchlorate.

Exceedances of EPA MMR Relevant Standard for perchlorate are indicated in seven general areas:

- Demo Area 1 (wells 19, 31, 32, 33, 34, 35, 73, 75, 76, 77, 78, 114, 129, 139, 162, 165, 172, 210, and 211);
- Central Impact Area and CS-19 (wells 58MW0009C and 58MW0015A and wells 91, 93, 99, 100, 101, 105, OW-1 and OW-2);
- J Ranges and southeast of the J Ranges (wells 125, 127, 128, 130, 132, 158, 163, 166, 193, 197 and 198 and wells 90MW0022 and 90MW0054);
- Northwest of Impact Area (well 66);
- West of Impact Area (well 80);
- LF-1 (well 27MW0031B); and
- CS-18 (well16MW0001).

Rush (Non-Validated) Data

Rush data are summarized in Table 4. These data are for analyses that are performed on a fast turnaround time, typically 1-5 days. Explosive analyses for monitoring wells, and explosive and VOC analyses for profile samples, are typically conducted in this timeframe. Other types of

analyses may be rushed depending on the proposed use of the data. The rush data have not yet been validated, but are provided as an indication of the most recent preliminary results. Table 4 summarizes only detects, and does not show samples with non-detects.

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

- Groundwater samples from Bourne monitoring and sentry wells 97-2; 97-5; 1-88A; 02-03M1; 02-05M1, M2; 02-13M1, M2, M3; and Bourne Far Field wells MW-80M1, M2; MW-81M2; MW-213M3 had detections of perchlorate. The results were similar to the previous sampling rounds.

- Groundwater samples from Bourne monitoring wells 02-02M1, M2 and duplicate; and 02-15M2 had detections of perchlorate. This is the first time perchlorate has been detected in these wells.

- Groundwater samples from Bourne supply well 4036000-03G had a detection of perchlorate. This is the first time since March that perchlorate has been detected in this well.

- Groundwater samples from Bourne Far Field well MW-213M2 had detections of perchlorate and carbon tetrachloride. The results for perchlorate were similar to previous sampling rounds. This is the first time carbon tetrachloride has been detected in this well.

- Groundwater samples from MW-231M1 and M2 (Demo Area 1) had detections of perchlorate. This is the first sampling event for these wells and the results were consistent with profile results.

- Groundwater samples from MW-01M2; MW-43M2; MW-50M1 (Central Impact Area); MW-34M1, M2; MW-75M2 and duplicate; MW-78M2; and MW-114M1 (Demo Area 1) had detections of RDX that were confirmed by PDA spectra. The results were similar to the previous sampling rounds.

- Groundwater samples from MW-215M1 (J-2 Range), MW-223M2 (Central Impact Area), MW-227M1 (J-3 Range) had detections of RDX that were confirmed by PDA spectra. This is the first sampling event for these wells and the results were consistent with the profile results.

- Groundwater samples from MW-161S (Demo Area 2); MW-37M2, M3; and MW-40M1, and MW-86M2 (Central Impact Area) had detections of RDX that were confirmed by PDA spectra. This is the first analysis with method 8330NX at these wells and results were similar to previous sampling rounds.

- Groundwater samples from the Schooner Pass well (Northwest of base), and MW-78M1 and duplicate (Demo Area 1) had detections of RDX that were confirmed by PDA spectra. This is the first time RDX has been detected in these wells.

- Groundwater samples from MW-86S (Central Impact Area) had a detection of HMX that was confirmed by PDA spectra. This is the first analysis with method 8330NX and the first detection of HMX at this well.

- Groundwater samples from MW-31M; MW-76M1, M2, S; MW-129M2; MW-165M2 (Demo Area 1); MW-23M1; MW-39M2 (Central Impact Area); and MW-191M2 (J-1 Range) had detections of RDX and HMX that were confirmed by PDA spectra. The results were similar to the previous sampling rounds.

- Groundwater samples from MW-215M2 (J-2 Range) and MW-227M2 (J-3 Range) had detections of RDX and HMX that were confirmed by PDA spectra. This is the first sampling event for these wells and the results were consistent with the profile results.

- Groundwater samples from MW-19S (Demo Area 1) had detections of TNT, 2A-DNT, 4A-DNT, RDX and HMX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.

- Groundwater samples from MW-31S (Demo Area 1) had detections of TNT; 2,4-DNT; 2A-DNT; 4A-DNT; RDX; and HMX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.

- Groundwater samples from MW-73S (Demo Area 1) had detections of TNT, 2A-DNT, 4A-DNT, RDX, MNX, and HMX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.

- Groundwater samples from MW-77M2 (Demo Area 1) had detections of 4A-DNT, RDX and HMX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.

- Groundwater samples from MW-114M2 (Demo Area 1) had detections of 2,6-DNT, 4A-DNT, RDX, and HMX that were confirmed by PDA spectra. The detection of 2,6-DNT was confirmed by PDA spectra, but with interference and was not detected in previous sampling rounds. The results for the other compounds were similar to previous sampling rounds.

- Groundwater samples from 90MW0034 (Southeast of the Ranges) had detections of 1,3,5-trinitrobenzene, 1,3-dinitrobenzene, RDX, MNX, nitroglycerin, PETN, and picric acid. This is the first analysis with method 8330NX and the first detection of MNX in this well. The detections of RDX and MNX were confirmed by PDA spectra, but with interference. Although there have been previous detections of explosives in this well, none have been validated detects.

- Groundwater samples from MW-103M2 (Central Impact Area) had a detection of nitroglycerin that was not confirmed by PDA spectra. The results were similar to previous sampling rounds.

- Groundwater samples from MW-216S (RRA Containment Pad) and MW-227M3 (J-3 Range) had detections of nitroglycerin that were not confirmed by PDA spectra. This is the first sampling event for these wells and the results were consistent with the profile results.

- Groundwater samples from seventeen Bourne Far Field wells and Bourne monitoring wells had detections of chloroform.

- Groundwater profile samples from MW-233 (WS4P-2) had detections of 1,3,5-trinitrobenzene (1 interval), 1,3-dinitrobenzene (4 intervals), 2,6-DNT (1 interval), 2A-DNT (1 interval), 3-nitrotoluene (6 intervals), 4A-DNT (6 intervals), RDX (1 interval), nitroglycerin (17 intervals), picric acid (11 intervals), perchlorate (3 intervals), 1,2,4-trichlorobenzene (2 intervals), 2-hexanone (7 intervals), acetone (19 intervals), chloroform (11 intervals), chloromethane (3 intervals), methyl ethyl ketone (17 intervals), and methyl isobutyl ketone (2 intervals). None of the explosives detections were confirmed by PDA spectra.

- Groundwater profile samples from MW-234 (J2P-12) had detections of 1,3,5-trinitrobenzene (11 intervals), 1,3-dinitrobenzene (8 intervals), TNT (10 intervals), 2,4-DANT (6 intervals), 2,6-DNT (7 intervals), 2A-DNT (3 intervals), 2-nitrotoluene (7 intervals), 3-nitrotoluene (2 intervals), 4A-DNT (6 intervals), 4-nitrotoluene (9 intervals), RDX (9 intervals), nitroglycerin (19 intervals), HMX (4 intervals), PETN (1 interval), picric acid (10 intervals), perchlorate (5 intervals), 1,2,4-trichlorobenzene (1 interval), acetone (23 intervals), benzene (1 interval), chloroform (19 intervals), chloromethane (1 interval), and 2-butanone (13 intervals). The detections of 2A-DNT, four detections of 4A-DNT, one detection of RDX and one detection of HMX were confirmed by PDA spectra. Several other detections of RDX, one detection of HMX, two detections of 2,6-DNT, and one detection of 2,4-DANT were also confirmed by PDA spectra, but with interference.

- Groundwater profile samples from MW-235 (CIAP-24) had detections of 1,3,5-trinitrobenzene (10 intervals), 1,3-dinitrobenzene (5 intervals), TNT (3 intervals), 2,4-DANT (4 intervals), 2,6-DNT (13 intervals), 2A-DNT (1 interval), 2-nitrotoluene (5 intervals), 3-nitrotoluene (3 intervals), 4A-DNT (5 intervals), 4-nitrotoluene (11 intervals), RDX (5 intervals), nitroglycerin (15 intervals), HMX (2 intervals), and picric acid (9 intervals). One interval of 2,4-DANT, seven intervals of 2,6-DNT, two intervals of 3-nitrotoluene, one interval of RDX and one interval of HMX were confirmed by PDA spectra. The majority of these detections were with interference.

- Groundwater profile samples from MW-236 (LP-9) had detections of 1,3-dinitrobenzene (1 interval), TNT (3 intervals), 2,4-DNT (2 intervals), 2,6-DNT (7 intervals), 2A-DNT (4 intervals), 2-nitrotoluene (3 intervals), 3-nitrotoluene (3 intervals), 4A-DNT (4 intervals), 4-nitrotoluene (7 intervals), RDX (10 intervals), nitrobenzene (5 intervals), nitroglycerin (11 intervals), picric acid (10 intervals), 2-hexanone (11 intervals), acetone (14 intervals), benzene (1 interval), carbon disulfide (1 interval), chloroethane (7 intervals), chloroform (5 intervals), chloromethane (11 intervals), 2-butanone (14 intervals), methyl isobutyl ketone (5 intervals), and toluene (1 interval). The detections of 2,6-DNT were confirmed by PDA spectra, all except one with interference.

## 3. DELIVERABLES SUBMITTED

Deliverables submitted during the reporting period include the following:

| | |
|---|---|
| Draft IAGWSP Technical Team Memorandum 02-2 Small Arms Ranges Report | 08/02/02 |
| Weekly Progress Update for July 22 – July 26, 2002 | 08/05/02 |
| July 2002 Monthly Progress Report | 08/09/02 |
| Weekly Progress Update for July 29 – August 2, 2002 | 08/09/02 |
| Draft Summary Report January – March 2002 UXO Detonations | 08/09/02 |
| Weekly Progress Update for August 5 – August 9, 2002 | 08/16/02 |
| Weekly Progress Update August 12 – August 16, 2002 | 08/26/02 |
| Draft Demo Area 2 Additional Delineation Workplan | 08/28/02 |
| Final Supplemental Post-Screening Investigation Work Plan Demo 1 Soil Operable Unit | 08/29/02 |
| Draft Biota Field Sampling Work Plan Demo 1 Soil Operable Unit | 08/29/02 |

## 4. SCHEDULED ACTIONS

Figure 9 provides a Gantt chart updated to reflect progress and proposed work. Activities scheduled for September and early October include:

- Start Demolition Area 1 Groundwater Report Addendum preparation
- Start Demolition Area 1 Soil Draft Report revision
- Start HUTA 1 Revised Draft Final Report revision
- Finish HUTA 2 Site #1 Draft Final Report
- Finish HUTA 2 Site #2 Draft Final Report
- Finish HUTA 2 Site #3 Draft Final Report
- Finish HUTA 2 Site #4 Draft Final Report
- Finish HUTA 2 Site #5 Draft Final Report
- Continue J-1/J-3/L Range Additional Delineation Draft Report revision
- Finish Gun and Mortar Firing Positions Draft Additional Delineation Workplan
- Continue Gun and Mortar Firing Positions Revised Draft Report revision
- Continue Phase II(b) Draft SAR Report revision
- Finish Phase II(b) Draft Final Report
- Continue Revised MSP Phase I Draft Report revision
- Finish MSP2 ASP Geophysics Final Report
- Finish MSP3 Eastern Test Site Draft Report
- Continue Demo Area 1 Soil Feasibility Study Screening Draft Report revision
- Continue Demo Area 1 Groundwater Feasibility Study Draft Report revision
- Finish UXO Feasibility Study Screening Final Report

## 5. SUMMARY OF ACTIVITIES FOR DEMO 1

Additional delineation of the downgradient portion of the groundwater plume is being conducted prior to finalizing the Feasibility Study for the Groundwater Operable Unit and as the Interim Action for groundwater remediation is being designed. Pumping and treating groundwater at the toe of the Demo 1 plume and at Frank Perkins Road has been selected as an Interim Action to address the Demo 1 Area Groundwater Operable Unit. A Rapid Response Action/Release Abatement Measure (RRA/RAM) is also being planned to address soil contamination at Demo 1.

TABLE 2
SAMPLING PROGRESS
8/1/2002 - 8/31/2002

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMPLE TYPE | SBD | SED | BWTS | BWTE |
|---|---|---|---|---|---|---|---|
| HDA08210201AA | A082102A | 08/22/2002 | CRATER GRAB | 0.00 | 0.25 | | |
| 58MW0001-E | FIELDQC | 08/26/2002 | FIELDQC | 0.00 | 0.00 | | |
| 58MW0015B-E | FIELDQC | 08/27/2002 | FIELDQC | 0.00 | 0.00 | | |
| 58MW0020B-E | FIELDQC | 08/30/2002 | FIELDQC | 0.00 | 0.00 | | |
| 58MW0020B-E | FIELDQC | 08/30/2002 | FIELDQC | 0.00 | 0.00 | | |
| 90MW0034-E | FIELDQC | 08/13/2002 | FIELDQC | 0.00 | 0.00 | | |
| 90PZ0204-E | FIELDQC | 08/05/2002 | FIELDQC | 0.00 | 0.00 | | |
| 97-2B-E | FIELDQC | 08/17/2002 | FIELDQC | 0.00 | 0.00 | | |
| 97-2E | FIELDQC | 08/01/2002 | FIELDQC | 0.00 | 0.00 | | |
| 97-5E | FIELDQC | 08/03/2002 | FIELDQC | 0.00 | 0.00 | | |
| ABB0039AAE | FIELDQC | 08/15/2002 | FIELDQC | 0.00 | 0.00 | | |
| ABB0039AAF | FIELDQC | 08/15/2002 | FIELDQC | 0.00 | 0.00 | | |
| ABB0039CAE | FIELDQC | 08/15/2002 | FIELDQC | 0.00 | 0.00 | | |
| BHW215083A-E | FIELDQC | 08/14/2002 | FIELDQC | 0.00 | 0.00 | | |
| BHW215083C-E | FIELDQC | 08/14/2002 | FIELDQC | 0.00 | 0.00 | | |
| BHW215083C-T | FIELDQC | 08/14/2002 | FIELDQC | 0.00 | 0.00 | | |
| G233DAE | FIELDQC | 08/06/2002 | FIELDQC | 0.00 | 0.00 | | |
| G233DBE | FIELDQC | 08/07/2002 | FIELDQC | 0.00 | 0.00 | | |
| G233DGE | FIELDQC | 08/08/2002 | FIELDQC | 0.00 | 0.00 | | |
| G233DHT | FIELDQC | 08/08/2002 | FIELDQC | 0.00 | 0.00 | | |
| G233DRE | FIELDQC | 08/16/2002 | FIELDQC | 0.00 | 0.00 | | |
| G233DRT | FIELDQC | 08/16/2002 | FIELDQC | 0.00 | 0.00 | | |
| G233DSE | FIELDQC | 08/20/2002 | FIELDQC | 0.00 | 0.00 | | |
| G233DST | FIELDQC | 08/20/2002 | FIELDQC | 0.00 | 0.00 | | |
| G233DTE | FIELDQC | 08/21/2002 | FIELDQC | 0.00 | 0.00 | | |
| G234DBE | FIELDQC | 08/09/2002 | FIELDQC | 0.00 | 0.00 | | |
| G234DBE | FIELDQC | 08/10/2002 | FIELDQC | 0.00 | 0.00 | | |
| G234DDE | FIELDQC | 08/12/2002 | FIELDQC | 0.00 | 0.00 | | |
| G234DOE | FIELDQC | 08/13/2002 | FIELDQC | 0.00 | 0.00 | | |
| G234DPT | FIELDQC | 08/13/2002 | FIELDQC | 0.00 | 0.00 | | |
| G234DVE | FIELDQC | 08/14/2002 | FIELDQC | 0.00 | 0.00 | | |
| G235DAE | FIELDQC | 08/23/2002 | FIELDQC | 0.00 | 0.00 | | |
| G236DBE | FIELDQC | 08/26/2002 | FIELDQC | 0.00 | 0.00 | | |
| G236DBT | FIELDQC | 08/26/2002 | FIELDQC | 0.00 | 0.00 | | |
| G236DIE | FIELDQC | 08/27/2002 | FIELDQC | 0.00 | 0.00 | | |
| G236DIT | FIELDQC | 08/27/2002 | FIELDQC | 0.00 | 0.00 | | |
| G236DNE | FIELDQC | 08/28/2002 | FIELDQC | 0.00 | 0.00 | | |
| G236DNT | FIELDQC | 08/28/2002 | FIELDQC | 0.00 | 0.00 | | |
| HDA08210201AE | FIELDQC | 08/22/2002 | FIELDQC | 0.00 | 0.00 | | |
| HDA08210201AT | FIELDQC | 08/22/2002 | FIELDQC | 0.00 | 0.00 | | |
| TW1-88AE | FIELDQC | 08/06/2002 | FIELDQC | 0.00 | 0.00 | | |
| TW1-88AE | FIELDQC | 08/21/2002 | FIELDQC | 0.00 | 0.00 | | |
| TW1-88AE | FIELDQC | 08/28/2002 | FIELDQC | 0.00 | 0.00 | | |
| W02-09M1E | FIELDQC | 08/29/2002 | FIELDQC | 0.00 | 0.00 | | |
| W02-09M1T | FIELDQC | 08/29/2002 | FIELDQC | 0.00 | 0.00 | | |
| W190M2T | FIELDQC | 08/02/2002 | FIELDQC | 0.00 | 0.00 | | |
| W213M1T | FIELDQC | 08/12/2002 | FIELDQC | 0.00 | 0.00 | | |
| W215M2T | FIELDQC | 08/01/2002 | FIELDQC | 0.00 | 0.00 | | |
| W215SSF | FIELDQC | 08/01/2002 | FIELDQC | 0.00 | 0.00 | | |
| W219M2T | FIELDQC | 08/21/2002 | 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
8/1/2002 - 8/31/2002

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMPLE TYPE | SBD | SED | BWTS | BWTE |
|---|---|---|---|---|---|---|---|
| W225M2T | FIELDQC | 08/05/2002 | FIELDQC | 0.00 | 0.00 | | |
| W227M2T | FIELDQC | 08/06/2002 | FIELDQC | 0.00 | 0.00 | | |
| W228M1T | FIELDQC | 08/30/2002 | FIELDQC | 0.00 | 0.00 | | |
| W82M2T | FIELDQC | 08/07/2002 | FIELDQC | 0.00 | 0.00 | | |
| W84M1T | FIELDQC | 08/15/2002 | FIELDQC | 0.00 | 0.00 | | |
| 4036000-01G | 4036000-01G | 08/07/2002 | GROUNDWATER | | | | |
| 4036000-01G | 4036000-01G | 08/14/2002 | GROUNDWATER | | | | |
| 4036000-01G | 4036000-01G | 08/21/2002 | GROUNDWATER | | | | |
| 4036000-01G | 4036000-01G | 08/28/2002 | GROUNDWATER | | | | |
| 4036000-01GD | 4036000-01G | 08/28/2002 | GROUNDWATER | | | | |
| 4036000-03G | 4036000-03G | 08/07/2002 | GROUNDWATER | | | | |
| 4036000-03G | 4036000-03G | 08/14/2002 | GROUNDWATER | | | | |
| 4036000-03G | 4036000-03G | 08/21/2002 | GROUNDWATER | | | | |
| 4036000-03G | 4036000-03G | 08/28/2002 | GROUNDWATER | | | | |
| 4036000-04G | 4036000-04G | 08/07/2002 | GROUNDWATER | | | | |
| 4036000-04G | 4036000-04G | 08/14/2002 | GROUNDWATER | | | | |
| 4036000-04G | 4036000-04G | 08/21/2002 | GROUNDWATER | | | | |
| 4036000-04G | 4036000-04G | 08/28/2002 | GROUNDWATER | | | | |
| 4036000-06G | 4036000-06G | 08/07/2002 | GROUNDWATER | | | | |
| 4036000-06G | 4036000-06G | 08/14/2002 | GROUNDWATER | | | | |
| 4036000-06G | 4036000-06G | 08/21/2002 | GROUNDWATER | | | | |
| 4036000-06G | 4036000-06G | 08/28/2002 | GROUNDWATER | | | | |
| 58MW0007B-A | 58MW0007B | 08/26/2002 | GROUNDWATER | 187.00 | 193.00 | 45.73 | 51.73 |
| 58MW0007B-D | 58MW0007B | 08/26/2002 | GROUNDWATER | 187.00 | 193.00 | 45.73 | 51.73 |
| 58MW0007C-A | 58MW0007C | 08/26/2002 | GROUNDWATER | 153.00 | 158.00 | 11.68 | 16.68 |
| 58MW0009C-A | 58MW0009C | 08/26/2002 | GROUNDWATER | 168.00 | 173.00 | 38.06 | 43.06 |
| 58MW0009E-A | 58MW0009E | 08/26/2002 | GROUNDWATER | 133.00 | 138.00 | 3.01 | 8.01 |
| 58MW0010B-A | 58MW0010B | 08/26/2002 | GROUNDWATER | 220.00 | 225.00 | 90.15 | 95.15 |
| 58MW0011D-A | 58MW0011D | 08/27/2002 | GROUNDWATER | 175.40 | 180.40 | 78.18 | 83.18 |
| 58MW0011E-A | 58MW0011E | 08/27/2002 | GROUNDWATER | 145.00 | 150.00 | 12.18 | 17.18 |
| 58MW0015A-A | 58MW0015A | 08/27/2002 | GROUNDWATER | 160.68 | 169.94 | 36.13 | 45.39 |
| 58MW0015A-D | 58MW0015A | 08/27/2002 | GROUNDWATER | 160.68 | 169.94 | 36.13 | 45.39 |
| 58MW0015B-A | 58MW0015B | 08/27/2002 | GROUNDWATER | 130.96 | 140.22 | 6.26 | 15.52 |
| 58MW0016A-A | 58MW0016A | 08/27/2002 | GROUNDWATER | 175.90 | 185.05 | 50.51 | 59.66 |
| 58MW0016B-A | 58MW0016B | 08/27/2002 | GROUNDWATER | 151.09 | 160.74 | 25.97 | 35.62 |
| 90MW0022-A | 90MW0022 | 08/30/2002 | GROUNDWATER | | | | |
| 90MW0022-A | 90MW0022 | 08/30/2002 | GROUNDWATER | 112.00 | 117.00 | 69.17 | 74.17 |
| 90MW0034-A | 90MW0034 | 08/13/2002 | GROUNDWATER | 93.71 | 98.59 | 25.46 | 30.34 |
| 90PZ0204-A | 90PZ0204 | 08/05/2002 | GROUNDWATER | 80.00 | 85.00 | 70.16 | 80.16 |
| 90SNP0001 | 90SNP001 | 08/16/2002 | GROUNDWATER | | | | |
| 90SNP0001 | 90SNP001 | 08/29/2002 | GROUNDWATER | | | | |
| 90SNP0002 | 90SNP002 | 08/16/2002 | GROUNDWATER | | | | |
| 90SNP0002 | 90SNP002 | 08/29/2002 | GROUNDWATER | | | | |
| 95-15-A | 95-15 | 08/05/2002 | GROUNDWATER | | | | |
| 97-1 | 97-1 | 08/03/2002 | GROUNDWATER | 83.00 | 93.00 | 62.00 | 72.00 |
| 97-2 | 97-2 | 08/03/2002 | GROUNDWATER | 75.00 | 85.00 | 53.00 | 63.00 |
| 97-2B-A | 97-2B | 08/17/2002 | GROUNDWATER | | 121.70 | | 73.70 |
| 97-2C-A | 97-2C | 08/17/2002 | GROUNDWATER | | 132.00 | | 73.70 |
| 97-2D-A | 97-2D | 08/17/2002 | GROUNDWATER | | 115.40 | | 71.37 |
| 97-2E-A | 97-2E | 08/17/2002 | GROUNDWATER | | 94.50 | | 62.40 |

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

TABLE 2
SAMPLING PROGRESS
8/1/2002 - 8/31/2002

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMPLE TYPE | SBD | SED | BWTS | BWTE |
|---|---|---|---|---|---|---|---|
| 97-2F-A | 97-2F | 08/17/2002 | GROUNDWATER | | 120.00 | | 79.90 |
| 97-2G-A | 97-2G | 08/17/2002 | GROUNDWATER | | 126.80 | | 77.31 |
| 97-3 | 97-3 | 08/01/2002 | GROUNDWATER | 75.00 | 85.00 | 36.00 | 46.00 |
| 97-5 | 97-5 | 08/03/2002 | GROUNDWATER | 84.00 | 94.00 | 76.00 | 86.00 |
| BHW215083A-A | BHW215083 | 08/13/2002 | GROUNDWATER | 65.00 | 75.00 | 4.60 | 14.60 |
| BHW215083A-A | BHW215083 | 08/14/2002 | GROUNDWATER | 200.00 | 210.00 | 139.65 | 149.65 |
| BHW215083B-A | BHW215083 | 08/13/2002 | GROUNDWATER | 75.00 | 85.00 | 15.00 | 25.00 |
| BHW215083C-A | BHW215083 | 08/13/2002 | GROUNDWATER | 65.00 | 75.00 | 4.60 | 14.60 |
| BHW215083C-A | BHW215083 | 08/14/2002 | GROUNDWATER | 200.00 | 210.00 | 139.65 | 149.65 |
| BHW215083D-A | BHW215083 | 08/14/2002 | GROUNDWATER | 137.00 | 147.00 | 76.65 | 86.65 |
| M-1BAA | M-1 | 08/21/2002 | GROUNDWATER | 45.00 | 45.00 | 2.15 | 2.15 |
| M-1CAA | M-1 | 08/21/2002 | GROUNDWATER | 55.00 | 55.00 | 12.15 | 12.15 |
| M-1DAA | M-1 | 08/21/2002 | GROUNDWATER | 65.00 | 65.00 | 12.80 | 12.80 |
| M-2BAA | M-2 | 08/22/2002 | GROUNDWATER | 65.00 | 65.00 | 3.40 | 3.40 |
| M-2CAA | M-2 | 08/22/2002 | GROUNDWATER | 75.00 | 75.00 | 13.40 | 13.40 |
| M-2DAA | M-2 | 08/21/2002 | GROUNDWATER | 85.00 | 85.00 | 23.40 | 23.40 |
| M-3BAA | M-3 | 08/22/2002 | GROUNDWATER | 65.00 | 65.00 | 6.72 | 6.72 |
| M-3CAA | M-3 | 08/22/2002 | GROUNDWATER | 75.00 | 75.00 | 16.72 | 16.72 |
| M-3DAA | M-3 | 08/22/2002 | GROUNDWATER | 85.00 | 85.00 | 26.72 | 26.72 |
| M-4BAA | M-4 | 08/23/2002 | GROUNDWATER | 69.00 | 69.00 | 8.20 | 8.20 |
| M-4CAA | M-4 | 08/23/2002 | GROUNDWATER | 79.00 | 79.00 | 18.20 | 18.20 |
| M-4DAA | M-4 | 08/22/2002 | GROUNDWATER | 89.00 | 89.00 | 28.21 | 28.21 |
| M-5BAA | M-5 | 08/23/2002 | GROUNDWATER | 65.00 | 65.00 | 7.20 | 7.20 |
| M-5BAD | M-5 | 08/23/2002 | GROUNDWATER | 65.00 | 65.00 | 7.20 | 7.20 |
| M-5CAA | M-5 | 08/23/2002 | GROUNDWATER | 75.00 | 75.00 | 17.20 | 17.20 |
| M-5DAA | M-5 | 08/23/2002 | GROUNDWATER | 85.00 | 85.00 | 27.20 | 27.20 |
| M-6B-A | M-6 | 08/17/2002 | GROUNDWATER | | 59.00 | | 6.92 |
| M-6C-A | M-6 | 08/17/2002 | GROUNDWATER | | 69.00 | | 20.54 |
| M-6D-A | M-6 | 08/17/2002 | GROUNDWATER | | 79.00 | | 30.73 |
| M-7BAA | M-7 | 08/21/2002 | GROUNDWATER | 59.00 | 59.00 | 14.40 | 14.40 |
| M-7CAA | M-7 | 08/21/2002 | GROUNDWATER | 65.00 | 65.00 | 7.60 | 7.60 |
| M-7DAA | M-7 | 08/21/2002 | GROUNDWATER | 75.00 | 75.00 | 17.60 | 17.60 |
| MW00-4-A | 00-4 | 08/28/2002 | GROUNDWATER | | | | |
| OW-2-A | OW-2 | 08/30/2002 | GROUNDWATER | 175.00 | 185.00 | 46.60 | 56.60 |
| OW-6-A | OW-6 | 08/30/2002 | GROUNDWATER | 175.00 | 185.00 | 43.76 | 53.76 |
| OW-6-D | OW-6 | 08/30/2002 | GROUNDWATER | 175.00 | 185.00 | 43.76 | 53.76 |
| OW00-1D-A | 00-1D | 08/30/2002 | GROUNDWATER | 91.00 | 97.00 | 45.42 | 51.42 |
| OW00-1D-D | 00-1D | 08/30/2002 | GROUNDWATER | 91.00 | 97.00 | 45.42 | 51.42 |
| PPAWSPW-1 | PPAWSPW-1 | 08/06/2002 | GROUNDWATER | | | | |
| PPAWSPW-2 | PPAWSPW-2 | 08/06/2002 | GROUNDWATER | | | | |
| RS0001CUSH-A | RS0001 | 08/05/2002 | GROUNDWATER | | | | |
| RS0001CUSH-D | RS0001 | 08/05/2002 | GROUNDWATER | | | | |
| RS0006GRAC-A | RS0006G | 08/05/2002 | GROUNDWATER | | | | |
| RS0009CARR-A | RS0009 | 08/05/2002 | GROUNDWATER | | | | |
| RS0019CARR-A | RS0019 | 08/05/2002 | GROUNDWATER | | | | |
| RS0029PNCR-A | RS0029 | 08/05/2002 | GROUNDWATER | | | | |
| RS0043FASA-A | RS0043 | 08/05/2002 | GROUNDWATER | | | | |
| SDW261160 | SDW261160 | 08/01/2002 | GROUNDWATER | | | | |
| SDW263111 | SDW263111 | 08/01/2002 | GROUNDWATER | | | | |
| SPRING1-A | SPRING1 | 08/17/2002 | GROUNDWATER | | | | |

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

TABLE 2
SAMPLING PROGRESS
8/1/2002 - 8/31/2002

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMPLE TYPE | SBD | SED | BWTS | BWTE |
|---|---|---|---|---|---|---|---|
| SPRING1-D | SPRING1 | 08/17/2002 | GROUNDWATER | | | | |
| TW00-4BA-A | 00-4 | 08/29/2002 | GROUNDWATER | | 85.00 | | 55.60 |
| TW00-4DA-A | 00-4D | 08/29/2002 | GROUNDWATER | | 75.00 | | 45.60 |
| TW00-5-A | 00-5 | 08/29/2002 | GROUNDWATER | 50.00 | 56.00 | 16.19 | 22.19 |
| TW00-5-D | 00-5 | 08/29/2002 | GROUNDWATER | 50.00 | 56.00 | 16.19 | 22.19 |
| TW00-6-A | 00-6 | 08/23/2002 | GROUNDWATER | 36.00 | 42.00 | 10.50 | 16.50 |
| TW00-7-A | 00-7 | 08/22/2002 | GROUNDWATER | 57.00 | 63.00 | 25.50 | 31.50 |
| TW01-1-A | 01-1 | 08/23/2002 | GROUNDWATER | | | | |
| TW01-2-A | 01-2 | 08/23/2002 | GROUNDWATER | | | | |
| TW1-88AA | 1-88 | 08/06/2002 | GROUNDWATER | | | | 67.40 |
| TW1-88AA | 1-88 | 08/14/2002 | GROUNDWATER | | | | 67.40 |
| TW1-88AA | 1-88 | 08/21/2002 | GROUNDWATER | 98.00 | 103.00 | 36.40 | 36.40 |
| TW1-88AA | 1-88 | 08/28/2002 | GROUNDWATER | | | | |
| TW1-88AD | 1-88 | 08/14/2002 | GROUNDWATER | | | | 67.40 |
| TW1-88B-A | 1-88 | 08/22/2002 | GROUNDWATER | | 101.00 | | 65.05 |
| W01DDA | MW-1 | 08/09/2002 | GROUNDWATER | 290.00 | 300.00 | 174.00 | 184.00 |
| W01M1A | MW-1 | 08/09/2002 | GROUNDWATER | 220.00 | 225.00 | 104.00 | 109.00 |
| W01M1D | MW-1 | 08/09/2002 | GROUNDWATER | 220.00 | 225.00 | 104.00 | 109.00 |
| W01M2A | MW-1 | 08/09/2002 | GROUNDWATER | 160.00 | 165.00 | 44.00 | 49.00 |
| W02-01M1A | 02-01 | 08/24/2002 | GROUNDWATER | 95.00 | 105.00 | 42.90 | 52.90 |
| W02-01M2A | 02-01 | 08/24/2002 | GROUNDWATER | 83.00 | 93.00 | 30.90 | 40.90 |
| W02-02M1A | 02-02 | 08/03/2002 | GROUNDWATER | 114.50 | 124.50 | 63.50 | 73.50 |
| W02-02M2A | 02-02 | 08/03/2002 | GROUNDWATER | 94.50 | 104.50 | 42.65 | 52.65 |
| W02-02M2D | 02-02 | 08/03/2002 | GROUNDWATER | 94.50 | 104.50 | 42.65 | 52.65 |
| W02-02SSA | 02-02 | 08/03/2002 | GROUNDWATER | 49.50 | 59.50 | 0.00 | 10.00 |
| W02-03M1A | 02-03 | 08/24/2002 | GROUNDWATER | 130.00 | 140.00 | 86.10 | 96.10 |
| W02-03M1D | 02-03 | 08/24/2002 | GROUNDWATER | 130.00 | 140.00 | 86.10 | 96.10 |
| W02-03M2A | 02-03 | 08/24/2002 | GROUNDWATER | 92.00 | 102.00 | 48.15 | 58.15 |
| W02-03M3A | 02-03 | 08/24/2002 | GROUNDWATER | 75.00 | 85.00 | 31.05 | 41.05 |
| W02-04M1A | 02-04 | 08/27/2002 | GROUNDWATER | 123.00 | 133.00 | 73.97 | 83.97 |
| W02-04M1D | 02-04 | 08/27/2002 | GROUNDWATER | 123.00 | 133.00 | 73.97 | 83.97 |
| W02-04M2A | 02-04 | 08/27/2002 | GROUNDWATER | 98.00 | 108.00 | 48.93 | 58.93 |
| W02-04M3A | 02-04 | 08/27/2002 | GROUNDWATER | 83.00 | 93.00 | 34.01 | 44.01 |
| W02-05M1A | 02-05 | 08/24/2002 | GROUNDWATER | 110.00 | 120.00 | 81.44 | 91.44 |
| W02-05M2A | 02-05 | 08/24/2002 | GROUNDWATER | 92.00 | 102.00 | 63.41 | 73.41 |
| W02-05M2D | 02-05 | 08/24/2002 | GROUNDWATER | 92.00 | 102.00 | 63.41 | 73.41 |
| W02-05M3A | 02-05 | 08/24/2002 | GROUNDWATER | 70.00 | 80.00 | 41.37 | 51.37 |
| W02-07M1A | 02-07 | 08/29/2002 | GROUNDWATER | 135.00 | 145.00 | 101.14 | 111.14 |
| W02-07M2A | 02-07 | 08/29/2002 | GROUNDWATER | 107.00 | 117.00 | 72.86 | 82.86 |
| W02-07M3A | 02-07 | 08/29/2002 | GROUNDWATER | 47.00 | 57.00 | 13.00 | 23.00 |
| W02-07M3D | 02-07 | 08/29/2002 | GROUNDWATER | 47.00 | 57.00 | 13.00 | 23.00 |
| W02-08M1A | 02-08 | 08/28/2002 | GROUNDWATER | 108.00 | 113.00 | | |
| W02-08M2A | 02-08 | 08/28/2002 | GROUNDWATER | 82.00 | 87.00 | | |
| W02-08M3A | 02-08 | 08/27/2002 | GROUNDWATER | 62.00 | 67.00 | 40.58 | 45.58 |
| W02-09M1A | 02-09 | 08/29/2002 | GROUNDWATER | 74.00 | 84.00 | 65.26 | 75.26 |
| W02-09M2A | 02-09 | 08/29/2002 | GROUNDWATER | 59.00 | 69.00 | 50.30 | 60.30 |
| W02-09SSA | 02-09 | 08/29/2002 | GROUNDWATER | 7.00 | 17.00 | 0.00 | 10.00 |
| W02-10M1A | 02-10 | 08/29/2002 | GROUNDWATER | 135.00 | 145.00 | 94.00 | 104.00 |
| W02-10M2A | 02-10 | 08/29/2002 | GROUNDWATER | 110.00 | 120.00 | 68.61 | 78.61 |
| W02-10M3A | 02-10 | 08/30/2002 | GROUNDWATER | 85.00 | 95.00 | 43.65 | 53.65 |

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

TABLE 2
SAMPLING PROGRESS
8/1/2002 - 8/31/2002

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMPLE TYPE | SBD | SED | BWTS | BWTE |
|---|---|---|---|---|---|---|---|
| W02-12M1A | 02-12 | 08/01/2002 | GROUNDWATER | 109.00 | 119.00 | 58.35 | 68.35 |
| W02-12M1A | 02-12 | 08/06/2002 | GROUNDWATER | 109.00 | 119.00 | 58.35 | 68.35 |
| W02-12M1A | 02-12 | 08/14/2002 | GROUNDWATER | 109.00 | 119.00 | 58.35 | 68.35 |
| W02-12M1A | 02-12 | 08/21/2002 | GROUNDWATER | 109.00 | 119.00 | 58.35 | 68.35 |
| W02-12M1A | 02-12 | 08/28/2002 | GROUNDWATER | 109.00 | 119.00 | | |
| W02-12M1D | 02-12 | 08/01/2002 | GROUNDWATER | 109.00 | 119.00 | 58.35 | 68.35 |
| W02-12M1D | 02-12 | 08/06/2002 | GROUNDWATER | 109.00 | 119.00 | 58.35 | 68.35 |
| W02-12M1D | 02-12 | 08/14/2002 | GROUNDWATER | 109.00 | 119.00 | 58.35 | 68.35 |
| W02-12M1D | 02-12 | 08/21/2002 | GROUNDWATER | 109.00 | 119.00 | 58.35 | 68.35 |
| W02-12M2A | 02-12 | 08/06/2002 | GROUNDWATER | 94.00 | 104.00 | 43.21 | 53.21 |
| W02-12M2A | 02-12 | 08/14/2002 | GROUNDWATER | 94.00 | 104.00 | 43.21 | 53.21 |
| W02-12M2A | 02-12 | 08/21/2002 | GROUNDWATER | 94.00 | 104.00 | 43.21 | 53.21 |
| W02-12M2A | 02-12 | 08/29/2002 | GROUNDWATER | 94.00 | 104.00 | 43.21 | 53.21 |
| W02-12M3A | 02-12 | 08/06/2002 | GROUNDWATER | 79.00 | 89.00 | 28.22 | 38.22 |
| W02-12M3A | 02-12 | 08/14/2002 | GROUNDWATER | 79.00 | 89.00 | 28.22 | 38.22 |
| W02-12M3A | 02-12 | 08/21/2002 | GROUNDWATER | 79.00 | 89.00 | 28.22 | 38.22 |
| W02-12M3A | 02-12 | 08/29/2002 | GROUNDWATER | 79.00 | 89.00 | 28.22 | 38.22 |
| W02-13M1A | 02-13 | 08/06/2002 | GROUNDWATER | 98.00 | 108.00 | 58.33 | 68.33 |
| W02-13M1A | 02-13 | 08/14/2002 | GROUNDWATER | 98.00 | 108.00 | 58.33 | 68.33 |
| W02-13M1A | 02-13 | 08/21/2002 | GROUNDWATER | 98.00 | 108.00 | 56.70 | 66.70 |
| W02-13M1A | 02-13 | 08/28/2002 | GROUNDWATER | 98.00 | 108.00 | 58.33 | 68.33 |
| W02-13M2A | 02-13 | 08/06/2002 | GROUNDWATER | 83.00 | 93.00 | 44.20 | 54.20 |
| W02-13M2A | 02-13 | 08/14/2002 | GROUNDWATER | 83.00 | 93.00 | 44.20 | 54.20 |
| W02-13M2A | 02-13 | 08/21/2002 | GROUNDWATER | 83.00 | 93.00 | 41.65 | 51.65 |
| W02-13M2A | 02-13 | 08/28/2002 | GROUNDWATER | 83.00 | 93.00 | 44.20 | 54.20 |
| W02-13M3A | 02-13 | 08/06/2002 | GROUNDWATER | 68.00 | 78.00 | 28.30 | 38.30 |
| W02-13M3A | 02-13 | 08/14/2002 | GROUNDWATER | 68.00 | 78.00 | 28.30 | 38.30 |
| W02-13M3A | 02-13 | 08/21/2002 | GROUNDWATER | 68.00 | 78.00 | 26.90 | 36.90 |
| W02-13M3A | 02-13 | 08/28/2002 | GROUNDWATER | 68.00 | 78.00 | 28.30 | 38.30 |
| W02-13M3D | 02-13 | 08/06/2002 | GROUNDWATER | 68.00 | 78.00 | 28.30 | 38.30 |
| W02-13M3D | 02-13 | 08/21/2002 | GROUNDWATER | 68.00 | 78.00 | 26.90 | 36.90 |
| W02-15M1A | 02-15 | 08/03/2002 | GROUNDWATER | 125.00 | 135.00 | 75.63 | 85.63 |
| W02-15M2A | 02-15 | 08/05/2002 | GROUNDWATER | 101.00 | 111.00 | 51.50 | 61.50 |
| W02-15M3A | 02-15 | 08/05/2002 | GROUNDWATER | 81.00 | 91.00 | 31.40 | 41.40 |
| W03DDA | MW-3 | 08/14/2002 | GROUNDWATER | 262.00 | 267.00 | 219.00 | 224.00 |
| W03M1A | MW-3 | 08/14/2002 | GROUNDWATER | 240.00 | 245.00 | 196.00 | 201.00 |
| W03M2A | MW-3 | 08/15/2002 | GROUNDWATER | 182.00 | 185.00 | 136.00 | 141.00 |
| W07DDA | MW-7 | 08/08/2002 | GROUNDWATER | 332.00 | 342.00 | 227.00 | 237.00 |
| W07M1A | MW-7 | 08/08/2002 | GROUNDWATER | 240.00 | 245.00 | 135.00 | 140.00 |
| W07M2A | MW-7 | 08/08/2002 | GROUNDWATER | 170.00 | 175.00 | 65.00 | 70.00 |
| W103M1A | MW-103 | 08/12/2002 | GROUNDWATER | 298.00 | 308.00 | 156.00 | 166.00 |
| W103M1D | MW-103 | 08/12/2002 | GROUNDWATER | 298.00 | 308.00 | 156.00 | 166.00 |
| W103M2A | MW-103 | 08/12/2002 | GROUNDWATER | 282.00 | 292.00 | 140.00 | 150.00 |
| W106M1A | MW-106 | 08/15/2002 | GROUNDWATER | 170.50 | 180.50 | 38.00 | 48.00 |
| W106M1D | MW-106 | 08/15/2002 | GROUNDWATER | 170.50 | 180.50 | 38.00 | 48.00 |
| W106M2A | MW-106 | 08/14/2002 | GROUNDWATER | 140.50 | 150.50 | 8.00 | 18.00 |
| W106M2A | MW-106 | 08/15/2002 | GROUNDWATER | 140.50 | 150.50 | 8.00 | 18.00 |
| W114M1A | MW-114 | 08/09/2002 | GROUNDWATER | 177.00 | 187.00 | 96.00 | 106.00 |
| W114M2A | MW-114 | 08/09/2002 | GROUNDWATER | 120.00 | 130.00 | 39.00 | 49.00 |
| W116SSA | MW-116 | 08/22/2002 | GROUNDWATER | 102.00 | 112.00 | 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
BWTE = Depth below water table, end depth, measured in feet

TABLE 2
SAMPLING PROGRESS
8/1/2002 - 8/31/2002

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMPLE TYPE | SBD | SED | BWTS | BWTE |
|---|---|---|---|---|---|---|---|
| W118M1A | MW-118 | 08/30/2002 | GROUNDWATER | 146.00 | 156.00 | 38.00 | 48.00 |
| W118M2A | MW-118 | 08/30/2002 | GROUNDWATER | 116.00 | 126.00 | 8.00 | 18.00 |
| W119SSA | MW-119 | 08/23/2002 | GROUNDWATER | 103.00 | 113.00 | 0.00 | 10.00 |
| W120SSA | MW-120 | 08/23/2002 | GROUNDWATER | 103.00 | 113.00 | 0.00 | 10.00 |
| W121SSA | MW-121 | 08/19/2002 | GROUNDWATER | 87.95 | 97.95 | 0.00 | 10.00 |
| W123M1A | MW-123 | 08/12/2002 | GROUNDWATER | 291.00 | 301.00 | 153.00 | 163.00 |
| W123M2A | MW-123 | 08/12/2002 | GROUNDWATER | 236.00 | 246.00 | 98.00 | 108.00 |
| W124M1A | MW-124 | 08/12/2002 | GROUNDWATER | 234.00 | 244.00 | 98.00 | 108.00 |
| W124M2A | MW-124 | 08/12/2002 | GROUNDWATER | 219.00 | 229.00 | 83.00 | 93.00 |
| W124M3A | MW-124 | 08/12/2002 | GROUNDWATER | 160.00 | 170.00 | 24.00 | 34.00 |
| W126M1A | MW-126 | 08/30/2002 | GROUNDWATER | 118.00 | 128.00 | 19.00 | 29.00 |
| W126M1D | MW-126 | 08/30/2002 | GROUNDWATER | 118.00 | 128.00 | 19.00 | 29.00 |
| W126SSA | MW-126 | 08/30/2002 | GROUNDWATER | 99.00 | 109.00 | 0.00 | 10.00 |
| W127SSA | MW-127 | 08/23/2002 | GROUNDWATER | 99.00 | 109.00 | 0.00 | 10.00 |
| W129M1A | MW-129 | 08/19/2002 | GROUNDWATER | 136.00 | 146.00 | 66.00 | 76.00 |
| W129M2A | MW-129 | 08/19/2002 | GROUNDWATER | 116.00 | 126.00 | 46.00 | 56.00 |
| W129M3A | MW-129 | 08/19/2002 | GROUNDWATER | 96.00 | 106.00 | 26.00 | 36.00 |
| W129M3D | MW-129 | 08/19/2002 | GROUNDWATER | 96.00 | 106.00 | 26.00 | 36.00 |
| W130DDA | MW-130 | 08/27/2002 | GROUNDWATER | 320.00 | 330.00 | 217.00 | 227.00 |
| W130DDD | MW-130 | 08/27/2002 | GROUNDWATER | 320.00 | 330.00 | 217.00 | 227.00 |
| W130M1A | MW-130 | 08/26/2002 | GROUNDWATER | 160.00 | 170.00 | 57.00 | 67.00 |
| W130SSA | MW-130 | 08/27/2002 | GROUNDWATER | 103.00 | 113.00 | 0.00 | 10.00 |
| W131M1A | MW-131 | 08/23/2002 | GROUNDWATER | 300.00 | 310.00 | 204.00 | 214.00 |
| W131M1D | MW-131 | 08/23/2002 | GROUNDWATER | 300.00 | 310.00 | 204.00 | 214.00 |
| W131M2A | MW-131 | 08/23/2002 | GROUNDWATER | 195.00 | 205.00 | 99.00 | 109.00 |
| W131SSA | MW-131 | 08/26/2002 | GROUNDWATER | 103.00 | 113.00 | 0.00 | 10.00 |
| W133M1A | MW-133 | 08/12/2002 | GROUNDWATER | 352.00 | 362.00 | 136.00 | 146.00 |
| W133M2A | MW-133 | 08/12/2002 | GROUNDWATER | 321.00 | 331.00 | 105.00 | 115.00 |
| W139M1A | MW-139 | 08/09/2002 | GROUNDWATER | 194.00 | 204.00 | 110.00 | 120.00 |
| W139M2A | MW-139 | 08/09/2002 | GROUNDWATER | 154.00 | 164.00 | 70.00 | 80.00 |
| W139M2D | MW-139 | 08/09/2002 | GROUNDWATER | 154.00 | 164.00 | 70.00 | 80.00 |
| W139M3A | MW-139 | 08/09/2002 | GROUNDWATER | | | | |
| W139M3A | MW-139 | 08/09/2002 | GROUNDWATER | 119.00 | 129.00 | 31.04 | 41.04 |
| W141M1A | MW-141 | 08/12/2002 | GROUNDWATER | 190.00 | 200.00 | 62.00 | 72.00 |
| W141M2A | MW-141 | 08/12/2002 | GROUNDWATER | 162.00 | 172.00 | 34.00 | 44.00 |
| W141SSA | MW-141 | 08/13/2002 | GROUNDWATER | 128.00 | 138.00 | 0.00 | 10.00 |
| W152M1A | MW-152 | 08/12/2002 | GROUNDWATER | 250.00 | 260.00 | 144.00 | 154.00 |
| W152M2A | MW-152 | 08/12/2002 | GROUNDWATER | 154.00 | 164.00 | 48.00 | 58.00 |
| W154M1A | MW-154 | 08/22/2002 | GROUNDWATER | 187.00 | 192.00 | 91.00 | 96.00 |
| W154SSA | MW-154 | 08/22/2002 | GROUNDWATER | 98.00 | 108.00 | 0.00 | 10.00 |
| W156SSA | MW-156 | 08/01/2002 | GROUNDWATER | 77.00 | 87.00 | 7.00 | 17.00 |
| W156SSA | MW-156 | 08/30/2002 | GROUNDWATER | 77.00 | 87.00 | 7.00 | 17.00 |
| W158M1A | MW-158 | 08/22/2002 | GROUNDWATER | 176.00 | 186.00 | 89.00 | 99.00 |
| W158M2A | MW-158 | 08/22/2002 | GROUNDWATER | 124.50 | 134.50 | 37.00 | 47.00 |
| W158SSA | MW-158 | 08/22/2002 | GROUNDWATER | 89.00 | 99.00 | 2.00 | 12.00 |
| W159M1A | MW-159 | 08/19/2002 | GROUNDWATER | 178.50 | 188.50 | 53.00 | 63.00 |
| W159SSA | MW-159 | 08/19/2002 | GROUNDWATER | 126.30 | 136.30 | 1.00 | 11.00 |
| W160SSA | MW-160 | 08/13/2002 | GROUNDWATER | 137.50 | 147.50 | 5.00 | 15.00 |
| W161SSA | MW-161 | 08/13/2002 | GROUNDWATER | 145.50 | 155.50 | 6.00 | 16.00 |
| W162M1A | MW-162 | 08/08/2002 | GROUNDWATER | 190.50 | 200.50 | 114.28 | 124.28 |

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

TABLE 2
SAMPLING PROGRESS
8/1/2002 - 8/31/2002

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMPLE TYPE | SBD | SED | BWTS | BWTE |
|---|---|---|---|---|---|---|---|
| W162M2A | MW-162 | 08/08/2002 | GROUNDWATER | 125.50 | 135.50 | 49.28 | 49.28 |
| W162M2D | MW-162 | 08/08/2002 | GROUNDWATER | 125.50 | 135.50 | 49.28 | 49.28 |
| W162M3A | MW-162 | 08/08/2002 | GROUNDWATER | 85.50 | 95.50 | 9.28 | 19.28 |
| W165M1A | MW-165 | 08/10/2002 | GROUNDWATER | 184.50 | 194.50 | 106.00 | 116.00 |
| W165M2A | MW-165 | 08/10/2002 | GROUNDWATER | 124.50 | 134.50 | 46.00 | 56.00 |
| W165M3A | MW-165 | 08/10/2002 | GROUNDWATER | 94.50 | 104.50 | 16.00 | 26.00 |
| W16DDA | MW-16 | 08/13/2002 | GROUNDWATER | 355.00 | 360.00 | 223.00 | 228.00 |
| W173M2A | MW-173 | 08/09/2002 | GROUNDWATER | 208.00 | 218.00 | 72.20 | 82.20 |
| W173M3A | MW-173 | 08/09/2002 | GROUNDWATER | 188.00 | 198.00 | 52.20 | 62.20 |
| W175M1A | MW-175 | 08/12/2002 | GROUNDWATER | 264.00 | 274.00 | 136.40 | 146.40 |
| W175M2A | MW-175 | 08/13/2002 | GROUNDWATER | 199.00 | 209.00 | 71.66 | 81.66 |
| W175M2D | MW-175 | 08/13/2002 | GROUNDWATER | 199.00 | 209.00 | 71.66 | 81.66 |
| W175M3A | MW-175 | 08/13/2002 | GROUNDWATER | 162.00 | 172.00 | 34.65 | 39.65 |
| W17DDA | MW-17 | 08/13/2002 | GROUNDWATER | 320.00 | 330.00 | 196.00 | 206.00 |
| W17M1A | MW-17 | 08/13/2002 | GROUNDWATER | 220.00 | 230.00 | 96.00 | 106.00 |
| W17M2A | MW-17 | 08/13/2002 | GROUNDWATER | 190.00 | 200.00 | 66.00 | 76.00 |
| W17M3A | MW-17 | 08/13/2002 | GROUNDWATER | 160.00 | 170.00 | 36.00 | 46.00 |
| W180M1A | MW-180 | 08/19/2002 | GROUNDWATER | 300.00 | 310.00 | 139.20 | 149.20 |
| W180M1D | MW-180 | 08/19/2002 | GROUNDWATER | 300.00 | 310.00 | 139.20 | 149.20 |
| W180M2A | MW-180 | 08/19/2002 | GROUNDWATER | 195.00 | 205.00 | 34.50 | 44.50 |
| W180M2D | MW-180 | 08/19/2002 | GROUNDWATER | 195.00 | 205.00 | 34.50 | 44.50 |
| W180M3A | MW-180 | 08/19/2002 | GROUNDWATER | 171.00 | 181.00 | 10.30 | 20.30 |
| W183M1A | MW-183 | 08/19/2002 | GROUNDWATER | 286.00 | 296.00 | 103.90 | 113.90 |
| W183M2A | MW-183 | 08/19/2002 | GROUNDWATER | 270.00 | 280.00 | 87.90 | 97.90 |
| W185M1A | MW-185 | 08/19/2002 | GROUNDWATER | 247.00 | 257.00 | 110.90 | 120.90 |
| W185M2A | MW-185 | 08/19/2002 | GROUNDWATER | 156.00 | 166.00 | 19.50 | 29.50 |
| W190M2A | MW-190 | 08/02/2002 | GROUNDWATER | | | | |
| W191M2A | MW-191 | 08/02/2002 | GROUNDWATER | 120.00 | 130.00 | 8.40 | 18.40 |
| W191SSA | MW-191 | 08/02/2002 | GROUNDWATER | 106.00 | 116.00 | 0.00 | 10.00 |
| W192M2A | MW-192 | 08/02/2002 | GROUNDWATER | 135.00 | 145.00 | 34.19 | 44.19 |
| W192M3A | MW-192 | 08/05/2002 | GROUNDWATER | 115.00 | 125.00 | 14.19 | 24.19 |
| W19SSA | MW-19 | 08/07/2002 | GROUNDWATER | 38.00 | 48.00 | 0.00 | 10.00 |
| W213M1A | MW-213 | 08/10/2002 | GROUNDWATER | 133.00 | 143.00 | 85.01 | 95.01 |
| W213M2A | MW-213 | 08/10/2002 | GROUNDWATER | 89.00 | 99.00 | 41.15 | 51.15 |
| W213M3A | MW-213 | 08/10/2002 | GROUNDWATER | 77.00 | 82.00 | 98.60 | 108.60 |
| W215M2A | MW-215 | 08/01/2002 | GROUNDWATER | 205.00 | 215.00 | 98.90 | 108.90 |
| W215SSA | MW-215 | 08/01/2002 | GROUNDWATER | 104.00 | 114.00 | | 7.80 |
| W216SSA | MW-216 | 08/01/2002 | GROUNDWATER | 199.00 | 209.00 | | 7.13 |
| W219M1A | MW-219 | 08/20/2002 | GROUNDWATER | 357.00 | 367.00 | 178.00 | 188.00 |
| W219M2A | MW-219 | 08/21/2002 | GROUNDWATER | 332.00 | 342.00 | 152.05 | 162.05 |
| W219M3A | MW-219 | 08/21/2002 | GROUNDWATER | 315.00 | 325.00 | 135.70 | 145.70 |
| W219M4A | MW-219 | 08/21/2002 | GROUNDWATER | 225.00 | 235.00 | 45.70 | 55.70 |
| W220DDA | MW-220 | 08/29/2002 | GROUNDWATER | 299.00 | 309.00 | 171.83 | 181.83 |
| W220M1A | MW-220 | 08/29/2002 | GROUNDWATER | 248.00 | 258.00 | 120.85 | 130.85 |
| W220M1D | MW-220 | 08/29/2002 | GROUNDWATER | 248.00 | 258.00 | 120.85 | 130.85 |
| W220SSA | MW-220 | 08/28/2002 | GROUNDWATER | 126.00 | 136.00 | 0.00 | 10.00 |
| W222M2A | MW-222 | 08/02/2002 | GROUNDWATER | 185.00 | 195.00 | 68.58 | 78.58 |
| W224M1A | MW-224 | 08/29/2002 | GROUNDWATER | 142.00 | 152.00 | 24.71 | 34.71 |
| W224SSA | MW-224 | 08/29/2002 | GROUNDWATER | 115.00 | 125.00 | 0.00 | 10.00 |
| W225M1A | MW-225 | 08/05/2002 | GROUNDWATER | 175.00 | 185.00 | 77.10 | 87.10 |

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

TABLE 2
SAMPLING PROGRESS
8/1/2002 - 8/31/2002

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMPLE TYPE | SBD | SED | BWTS | BWTE |
|---|---|---|---|---|---|---|---|
| W225M2A | MW-225 | 08/05/2002 | GROUNDWATER | 145.00 | 155.00 | 46.48 | 56.48 |
| W225M3A | MW-225 | 08/06/2002 | GROUNDWATER | 125.00 | 135.00 | 26.48 | 36.48 |
| W226M1A | MW-226 | 08/02/2002 | GROUNDWATER | 77.00 | 87.00 | 0.00 | 7.73 |
| W226M2A | MW-226 | 08/01/2002 | GROUNDWATER | 175.00 | 185.00 | 61.70 | 71.70 |
| W226M3A | MW-226 | 08/01/2002 | GROUNDWATER | 135.00 | 145.00 | 21.53 | 31.53 |
| W227M1A | MW-227 | 08/05/2002 | GROUNDWATER | 130.00 | 140.00 | 76.38 | 86.38 |
| W227M2A | MW-227 | 08/06/2002 | GROUNDWATER | 110.00 | 120.00 | 56.38 | 66.38 |
| W227M3A | MW-227 | 08/06/2002 | GROUNDWATER | 65.00 | 75.00 | 11.39 | 21.39 |
| W228M1A | MW-228 | 08/30/2002 | GROUNDWATER | | | | |
| W228M1A | MW-228 | 08/30/2002 | GROUNDWATER | 241.00 | 251.00 | 134.60 | 144.60 |
| W228M2A | MW-228 | 08/29/2002 | GROUNDWATER | | | | |
| W228M2A | MW-228 | 08/29/2002 | GROUNDWATER | 126.00 | 136.00 | 20.00 | 30.00 |
| W230M1A | MW-230 | 08/28/2002 | GROUNDWATER | 130.00 | 140.00 | 23.82 | 33.82 |
| W230M2A | MW-230 | 08/28/2002 | GROUNDWATER | 110.00 | 120.00 | 3.76 | 13.76 |
| W231M1A | MW-231 | 08/26/2002 | GROUNDWATER | 210.00 | 220.00 | 104.15 | 114.15 |
| W231M2A | MW-231 | 08/26/2002 | GROUNDWATER | 165.00 | 175.00 | 58.33 | 68.33 |
| W231M3A | MW-231 | 08/26/2002 | GROUNDWATER | 115.00 | 125.00 | 8.27 | 18.27 |
| W232M1A | MW-232 | 08/30/2002 | GROUNDWATER | | | | |
| W232M1A | MW-232 | 08/30/2002 | GROUNDWATER | 77.50 | 82.50 | 34.94 | 39.94 |
| W232M2A | MW-232 | 08/30/2002 | GROUNDWATER | | | | |
| W232M2A | MW-232 | 08/30/2002 | GROUNDWATER | 61.00 | 66.00 | 18.41 | 23.41 |
| W23DDA | MW-23 | 08/15/2002 | GROUNDWATER | 272.00 | 282.00 | 149.00 | 159.00 |
| W23M1A | MW-23 | 08/15/2002 | GROUNDWATER | 225.00 | 235.00 | 103.00 | 113.00 |
| W23M2A | MW-23 | 08/15/2002 | GROUNDWATER | 189.00 | 194.00 | 67.00 | 72.00 |
| W23M2D | MW-23 | 08/15/2002 | GROUNDWATER | 189.00 | 194.00 | 67.00 | 72.00 |
| W23M3A | MW-23 | 08/15/2002 | GROUNDWATER | 156.00 | 161.00 | 34.00 | 39.00 |
| W28M1A | MW-28 | 08/15/2002 | GROUNDWATER | 270.00 | 280.00 | 173.00 | 183.00 |
| W28M2A | MW-28 | 08/15/2002 | GROUNDWATER | 175.00 | 185.00 | 78.00 | 88.00 |
| W31DDA | MW-31 | 08/07/2002 | GROUNDWATER | 133.00 | 138.00 | 48.00 | 53.00 |
| W31MMA | MW-31 | 08/07/2002 | GROUNDWATER | 113.00 | 123.00 | 28.00 | 38.00 |
| W31SSA | MW-31 | 08/07/2002 | GROUNDWATER | 98.00 | 103.00 | 13.00 | 18.00 |
| W33DDA | MW-33 | 08/08/2002 | GROUNDWATER | 181.50 | 186.50 | 85.00 | 90.00 |
| W33MMA | MW-33 | 08/08/2002 | GROUNDWATER | 161.50 | 171.50 | 65.00 | 75.00 |
| W33SSA | MW-33 | 08/08/2002 | GROUNDWATER | 146.50 | 151.50 | 50.00 | 55.00 |
| W34M1A | MW-34 | 08/20/2002 | GROUNDWATER | 151.00 | 161.00 | 73.00 | 83.00 |
| W34M2A | MW-34 | 08/20/2002 | GROUNDWATER | 131.00 | 141.00 | 53.00 | 63.00 |
| W34M3A | MW-34 | 08/20/2002 | GROUNDWATER | 111.00 | 121.00 | 33.00 | 43.00 |
| W35M1A | MW-35 | 08/19/2002 | GROUNDWATER | 155.00 | 165.00 | 68.00 | 78.00 |
| W35M2A | MW-35 | 08/20/2002 | GROUNDWATER | 100.00 | 110.00 | 13.00 | 23.00 |
| W36M1A | MW-36 | 08/08/2002 | GROUNDWATER | 151.00 | 161.00 | 74.00 | 84.00 |
| W36M2A | MW-36 | 08/08/2002 | GROUNDWATER | 131.00 | 141.00 | 54.00 | 64.00 |
| W37M1A | MW-37 | 08/13/2002 | GROUNDWATER | 181.00 | 191.00 | 62.00 | 72.00 |
| W37M2A | MW-37 | 08/13/2002 | GROUNDWATER | 145.00 | 155.00 | 26.00 | 36.00 |
| W37M3A | MW-37 | 08/13/2002 | GROUNDWATER | 130.00 | 140.00 | 11.00 | 21.00 |
| W39M1A | MW-39 | 08/15/2002 | GROUNDWATER | 220.00 | 230.00 | 84.00 | 94.00 |
| W39M1D | MW-39 | 08/15/2002 | GROUNDWATER | 220.00 | 230.00 | 84.00 | 94.00 |
| W39M2A | MW-39 | 08/15/2002 | GROUNDWATER | 175.00 | 185.00 | 39.00 | 49.00 |
| W40M1A | MW-40 | 08/13/2002 | GROUNDWATER | 132.50 | 142.50 | 13.00 | 23.00 |
| W41M1A | MW-41 | 08/15/2002 | GROUNDWATER | 235.00 | 245.00 | 108.00 | 118.00 |
| W41M2A | MW-41 | 08/15/2002 | GROUNDWATER | 194.00 | 204.00 | 67.00 | 77.00 |

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
8/1/2002 - 8/31/2002

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMPLE TYPE | SBD | SED | BWTS | BWTE |
|---|---|---|---|---|---|---|---|
| W43M1A | MW-43 | 08/15/2002 | GROUNDWATER | 223.00 | 233.00 | 90.00 | 100.00 |
| W43M2A | MW-43 | 08/16/2002 | GROUNDWATER | 200.00 | 210.00 | 67.00 | 77.00 |
| W44M1A | MW-44 | 08/15/2002 | GROUNDWATER | 182.00 | 192.00 | 53.00 | 63.00 |
| W44M2A | MW-44 | 08/15/2002 | GROUNDWATER | 142.00 | 152.00 | 13.00 | 23.00 |
| W48M1A | MW-48 | 08/20/2002 | GROUNDWATER | 191.00 | 201.00 | 91.00 | 101.00 |
| W48M2A | MW-48 | 08/20/2002 | GROUNDWATER | 161.00 | 171.00 | 61.00 | 71.00 |
| W48M3A | MW-48 | 08/20/2002 | GROUNDWATER | 131.50 | 141.50 | 31.00 | 41.00 |
| W49M1A | MW-49 | 08/26/2002 | GROUNDWATER | 160.00 | 170.00 | 90.00 | 100.00 |
| W49M2A | MW-49 | 08/27/2002 | GROUNDWATER | 130.00 | 140.00 | 60.00 | 70.00 |
| W49M3A | MW-49 | 08/27/2002 | GROUNDWATER | 100.50 | 110.50 | 31.00 | 41.00 |
| W50DDA | MW-50 | 08/14/2002 | GROUNDWATER | 237.00 | 247.00 | 119.00 | 129.00 |
| W50M1A | MW-50 | 08/14/2002 | GROUNDWATER | 207.00 | 217.00 | 89.00 | 99.00 |
| W50M2A | MW-50 | 08/14/2002 | GROUNDWATER | 177.00 | 187.00 | 59.00 | 69.00 |
| W50M3A | MW-50 | 08/14/2002 | GROUNDWATER | 147.00 | 157.00 | 29.00 | 39.00 |
| W51DDA | MW-51 | 08/20/2002 | GROUNDWATER | 264.00 | 274.00 | 118.00 | 128.00 |
| W51M1A | MW-51 | 08/20/2002 | GROUNDWATER | 234.00 | 244.00 | 88.00 | 98.00 |
| W51M2A | MW-51 | 08/20/2002 | GROUNDWATER | 203.00 | 213.00 | 58.00 | 68.00 |
| W51M3A | MW-51 | 08/20/2002 | GROUNDWATER | 173.00 | 183.00 | 28.00 | 38.00 |
| W52DDA | MW-52 | 08/16/2002 | GROUNDWATER | 369.00 | 379.00 | 218.00 | 228.00 |
| W52M2A | MW-52 | 08/16/2002 | GROUNDWATER | 225.00 | 235.00 | 74.00 | 84.00 |
| W52M3A | MW-52 | 08/16/2002 | GROUNDWATER | 210.00 | 215.00 | 59.00 | 64.00 |
| W53DDA | MW-53 | 08/16/2002 | GROUNDWATER | 283.00 | 293.00 | 158.00 | 168.00 |
| W53M1A | MW-53 | 08/16/2002 | GROUNDWATER | 224.00 | 234.00 | 99.00 | 109.00 |
| W53M2A | MW-53 | 08/16/2002 | GROUNDWATER | 194.00 | 204.00 | 69.00 | 79.00 |
| W53M3A | MW-53 | 08/16/2002 | GROUNDWATER | 164.00 | 174.00 | 39.00 | 49.00 |
| W53M3A | MW-53 | 08/16/2002 | GROUNDWATER | 194.00 | 204.00 | 69.00 | 79.00 |
| W66SSA | MW-66 | 08/09/2002 | GROUNDWATER | 125.70 | 135.70 | 7.00 | 17.00 |
| W66SSD | MW-66 | 08/09/2002 | GROUNDWATER | 125.70 | 135.70 | 7.00 | 17.00 |
| W66SST | MW-66 | 08/09/2002 | GROUNDWATER | | | | |
| W73SSA | MW-73 | 08/20/2002 | GROUNDWATER | 38.50 | 48.50 | 0.00 | 10.00 |
| W74M1A | MW-74 | 08/08/2002 | GROUNDWATER | 170.00 | 180.00 | 76.00 | 86.00 |
| W74M2A | MW-74 | 08/08/2002 | GROUNDWATER | 125.00 | 135.00 | 31.00 | 41.00 |
| W74M3A | MW-74 | 08/08/2002 | GROUNDWATER | 100.00 | 110.00 | 6.00 | 16.00 |
| W75M1A | MW-75 | 08/19/2002 | GROUNDWATER | 140.00 | 150.00 | 59.00 | 69.00 |
| W75M2A | MW-75 | 08/19/2002 | GROUNDWATER | 115.00 | 125.00 | 34.00 | 44.00 |
| W75M2D | MW-75 | 08/19/2002 | GROUNDWATER | 115.00 | 125.00 | 34.00 | 44.00 |
| W75SSA | MW-75 | 08/20/2002 | GROUNDWATER | 81.00 | 91.00 | 0.00 | 10.00 |
| W76M1A | MW-76 | 08/19/2002 | GROUNDWATER | 125.00 | 135.00 | 58.00 | 68.00 |
| W76M2A | MW-76 | 08/19/2002 | GROUNDWATER | 105.00 | 115.00 | 38.00 | 48.00 |
| W76SSA | MW-76 | 08/20/2002 | GROUNDWATER | 85.00 | 95.00 | 18.00 | 28.00 |
| W77M1A | MW-77 | 08/07/2002 | GROUNDWATER | 180.00 | 190.00 | 98.00 | 108.00 |
| W77M2A | MW-77 | 08/07/2002 | GROUNDWATER | 120.00 | 130.00 | 38.00 | 48.00 |
| W77SSA | MW-77 | 08/07/2002 | GROUNDWATER | 83.00 | 93.00 | 1.00 | 11.00 |
| W78M1A | MW-78 | 08/20/2002 | GROUNDWATER | 135.00 | 145.00 | 58.00 | 68.00 |
| W78M1D | MW-78 | 08/20/2002 | GROUNDWATER | 135.00 | 145.00 | 58.00 | 68.00 |
| W78M2A | MW-78 | 08/20/2002 | GROUNDWATER | 115.00 | 125.00 | 38.00 | 48.00 |
| W78M3A | MW-78 | 08/20/2002 | GROUNDWATER | 85.00 | 95.00 | 8.00 | 18.00 |
| W80DDA | MW-80 | 08/07/2002 | GROUNDWATER | 158.00 | 168.00 | 114.00 | 124.00 |
| W80M1A | MW-80 | 08/07/2002 | GROUNDWATER | 130.00 | 140.00 | 86.00 | 96.00 |
| W80M2A | MW-80 | 08/06/2002 | GROUNDWATER | 100.00 | 110.00 | 56.00 | 66.00 |

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
8/1/2002 - 8/31/2002

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMPLE TYPE | SBD | SED | BWTS | BWTE |
|---|---|---|---|---|---|---|---|
| W80M3A | MW-80 | 08/07/2002 | GROUNDWATER | 70.00 | 80.00 | 26.00 | 36.00 |
| W80SSA | MW-80 | 08/27/2002 | GROUNDWATER | 43.00 | 53.00 | 0.00 | 10.00 |
| W81DDA | MW-81 | 08/07/2002 | GROUNDWATER | 184.00 | 194.00 | 156.00 | 166.00 |
| W81M1A | MW-81 | 08/06/2002 | GROUNDWATER | 128.00 | 138.00 | 100.00 | 110.00 |
| W81M2A | MW-81 | 08/07/2002 | GROUNDWATER | 83.00 | 93.00 | 55.00 | 65.00 |
| W81M3A | MW-81 | 08/07/2002 | GROUNDWATER | 53.00 | 58.00 | 25.00 | 30.00 |
| W81M3D | MW-81 | 08/07/2002 | GROUNDWATER | 53.00 | 58.00 | 25.00 | 30.00 |
| W81SSA | MW-81 | 08/07/2002 | GROUNDWATER | 25.00 | 35.00 | 0.00 | 10.00 |
| W82DDA | MW-82 | 08/08/2002 | GROUNDWATER | 125.00 | 135.00 | 97.00 | 107.00 |
| W82M1A | MW-82 | 08/07/2002 | GROUNDWATER | 104.00 | 114.00 | 76.00 | 86.00 |
| W82M2A | MW-82 | 08/07/2002 | GROUNDWATER | 78.00 | 88.00 | 50.00 | 60.00 |
| W82M3A | MW-82 | 08/07/2002 | GROUNDWATER | 54.00 | 64.00 | 26.00 | 36.00 |
| W82SSA | MW-82 | 08/07/2002 | GROUNDWATER | 25.00 | 35.00 | 0.00 | 10.00 |
| W83DDA | MW-83 | 08/10/2002 | GROUNDWATER | | | | |
| W83DDA | MW-83 | 08/10/2002 | GROUNDWATER | 142.00 | 152.00 | 109.00 | 119.00 |
| W83M1A | MW-83 | 08/10/2002 | GROUNDWATER | | | | |
| W83M1A | MW-83 | 08/10/2002 | GROUNDWATER | 110.00 | 120.00 | 77.00 | 87.00 |
| W83M2A | MW-83 | 08/10/2002 | GROUNDWATER | | | | |
| W83M2A | MW-83 | 08/10/2002 | GROUNDWATER | 85.00 | 95.00 | 52.00 | 62.00 |
| W83M3A | MW-83 | 08/10/2002 | GROUNDWATER | | | | |
| W83M3A | MW-83 | 08/10/2002 | GROUNDWATER | 60.00 | 70.00 | 27.00 | 37.00 |
| W84DDA | MW-84 | 08/15/2002 | GROUNDWATER | 190.00 | 200.00 | 153.00 | 163.00 |
| W84M1A | MW-84 | 08/15/2002 | GROUNDWATER | 140.00 | 150.00 | 103.00 | 113.00 |
| W84M2A | MW-84 | 08/15/2002 | GROUNDWATER | 104.00 | 114.00 | 67.00 | 77.00 |
| W84M3A | MW-84 | 08/14/2002 | GROUNDWATER | 79.00 | 89.00 | 42.00 | 52.00 |
| W84SSA | MW-84 | 08/15/2002 | GROUNDWATER | 54.00 | 64.00 | 17.00 | 27.00 |
| W86M1A | MW-86 | 08/15/2002 | GROUNDWATER | 147.00 | 157.00 | 66.00 | 76.00 |
| W86M2A | MW-86 | 08/16/2002 | GROUNDWATER | 158.00 | 168.00 | 16.00 | 26.00 |
| W86SSA | MW-86 | 08/16/2002 | GROUNDWATER | 143.00 | 153.00 | 1.00 | 11.00 |
| W97M1A | MW-97 | 08/16/2002 | GROUNDWATER | 234.00 | 245.00 | 112.00 | 122.00 |
| W97M2A | MW-97 | 08/16/2002 | GROUNDWATER | 185.00 | 195.00 | 62.00 | 72.00 |
| W97M3A | MW-97 | 08/16/2002 | GROUNDWATER | 140.00 | 150.00 | 17.00 | 27.00 |
| WS-4AD-A | WS-4A | 08/28/2002 | GROUNDWATER | 218.00 | 228.00 | 147.85 | 157.85 |
| WS-4AS-A | WS-4A | 08/27/2002 | GROUNDWATER | 155.00 | 165.00 | 84.89 | 94.89 |
| XXRW1-A | RW-1 | 08/06/2002 | GROUNDWATER | | | | |
| XXRW3-A | RW-3 | 08/06/2002 | GROUNDWATER | | | | |
| XXWSCN-A | Schooner Pass | 08/16/2002 | GROUNDWATER | | | | |
| DW080202-NV | GAC WATER | 08/02/2002 | IDW | | | | |
| DW080602-NV | GAC WATER | 08/06/2002 | IDW | | | | |
| DW080702-NV | GAC WATER | 08/07/2002 | IDW | | | | |
| DW080802-NV | GAC WATER | 08/08/2002 | IDW | | | | |
| DW081202-NV | GAC WATER | 08/12/2002 | IDW | | | | |
| DW081502-NV | GAC WATER | 08/15/2002 | IDW | | | | |
| DW081602-NV | GAC WATER | 08/15/2002 | IDW | | | | |
| DW081602-NV | GAC WATER | 08/16/2002 | IDW | | | | |
| DW082102-NV | GAC WATER | 08/21/2002 | IDW | | | | |
| DW082201-NV | GAC WATER | 08/22/2002 | IDW | | | | |
| DW082202-NV | GAC WATER | 08/22/2002 | IDW | | | | |
| DW082602-NV | GAC WATER | 08/29/2002 | IDW | | | | |
| DW082902-NV | GAC WATER | 08/29/2002 | IDW | | | | |

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

TABLE 2
SAMPLING PROGRESS
8/1/2002 - 8/31/2002

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMPLE TYPE | SBD | SED | BWTS | BWTE |
|---|---|---|---|---|---|---|---|
| PW1CARBON1-A | GAC WATER | 08/20/2002 | IDW | | | | |
| SC22701 | SOIL CUTTINGS | 08/13/2002 | IDW | | | | |
| SC22801 | SOIL CUTTINGS | 08/13/2002 | IDW | | | | |
| SC22901 | SOIL CUTTINGS | 08/13/2002 | IDW | | | | |
| SC23001 | SOIL CUTTINGS | 08/13/2002 | IDW | | | | |
| SC23101 | SOIL CUTTINGS | 08/13/2002 | IDW | | | | |
| SC23201 | SOIL CUTTINGS | 08/13/2002 | IDW | | | | |
| G233DAA | MW-233 | 08/06/2002 | PROFILE | 220.00 | 220.00 | 3.55 | 3.55 |
| G233DBA | MW-233 | 08/07/2002 | PROFILE | 230.00 | 230.00 | 13.55 | 13.55 |
| G233DCA | MW-233 | 08/07/2002 | PROFILE | 240.00 | 240.00 | 23.55 | 23.55 |
| G233DDA | MW-233 | 08/07/2002 | PROFILE | 250.00 | 250.00 | 33.55 | 33.55 |
| G233DEA | MW-233 | 08/07/2002 | PROFILE | 260.00 | 260.00 | 43.55 | 43.55 |
| G233DFA | MW-233 | 08/07/2002 | PROFILE | 270.00 | 270.00 | 53.55 | 53.55 |
| G233DGA | MW-233 | 08/08/2002 | PROFILE | 280.00 | 280.00 | 63.55 | 63.55 |
| G233DGD | MW-233 | 08/08/2002 | PROFILE | 280.00 | 280.00 | 63.55 | 63.55 |
| G233DHA | MW-233 | 08/08/2002 | PROFILE | 290.00 | 290.00 | 73.55 | 73.55 |
| G233DIA | MW-233 | 08/08/2002 | PROFILE | 300.00 | 300.00 | 83.55 | 83.55 |
| G233DJA | MW-233 | 08/09/2002 | PROFILE | 310.00 | 310.00 | 93.55 | 93.55 |
| G233DKA | MW-233 | 08/09/2002 | PROFILE | 320.00 | 320.00 | 103.55 | 103.55 |
| G233DLA | MW-233 | 08/09/2002 | PROFILE | 330.00 | 330.00 | 113.55 | 113.55 |
| G233DMA | MW-233 | 08/14/2002 | PROFILE | 340.00 | 340.00 | 123.55 | 123.55 |
| G233DNA | MW-233 | 08/14/2002 | PROFILE | 350.00 | 350.00 | 133.55 | 133.55 |
| G233DOA | MW-233 | 08/14/2002 | PROFILE | 360.00 | 360.00 | 143.55 | 143.55 |
| G233DPA | MW-233 | 08/14/2002 | PROFILE | 370.00 | 370.00 | 153.55 | 153.55 |
| G233DQA | MW-233 | 08/14/2002 | PROFILE | 380.00 | 380.00 | 163.55 | 163.55 |
| G233DRA | MW-233 | 08/16/2002 | PROFILE | 390.00 | 390.00 | 173.55 | 173.55 |
| G233DSA | MW-233 | 08/20/2002 | PROFILE | 400.00 | 400.00 | 183.55 | 183.55 |
| G233DTA | MW-233 | 08/21/2002 | PROFILE | 410.00 | 410.00 | 193.55 | 193.55 |
| G233DUA | MW-233 | 08/21/2002 | PROFILE | 415.00 | 415.00 | 198.55 | 198.55 |
| G234DAA | MW-234 | 08/08/2002 | PROFILE | 110.00 | 110.00 | 2.05 | 2.05 |
| G234DBA | MW-234 | 08/09/2002 | PROFILE | 120.00 | 120.00 | 12.05 | 12.05 |
| G234DCA | MW-234 | 08/09/2002 | PROFILE | 130.00 | 130.00 | 22.05 | 22.05 |
| G234DDA | MW-234 | 08/12/2002 | PROFILE | 140.00 | 140.00 | 32.05 | 32.05 |
| G234DEA | MW-234 | 08/12/2002 | PROFILE | 150.00 | 150.00 | 42.05 | 42.05 |
| G234DFA | MW-234 | 08/12/2002 | PROFILE | 160.00 | 160.00 | 52.05 | 52.05 |
| G234DFD | MW-234 | 08/12/2002 | PROFILE | 160.00 | 160.00 | 52.05 | 52.05 |
| G234DGA | MW-234 | 08/12/2002 | PROFILE | 170.00 | 170.00 | 62.05 | 62.05 |
| G234DHA | MW-234 | 08/12/2002 | PROFILE | 180.00 | 180.00 | 72.05 | 72.05 |
| G234DIA | MW-234 | 08/12/2002 | PROFILE | 190.00 | 190.00 | 82.05 | 82.05 |
| G234DJA | MW-234 | 08/12/2002 | PROFILE | 200.00 | 200.00 | 92.05 | 92.05 |
| G234DKA | MW-234 | 08/12/2002 | PROFILE | 210.00 | 210.00 | 102.05 | 102.05 |
| G234DLA | MW-234 | 08/12/2002 | PROFILE | 220.00 | 220.00 | 112.05 | 112.05 |
| G234DMA | MW-234 | 08/12/2002 | PROFILE | 230.00 | 230.00 | 122.05 | 122.05 |
| G234DNA | MW-234 | 08/12/2002 | PROFILE | 240.00 | 240.00 | 132.05 | 132.05 |
| G234DOA | MW-234 | 08/13/2002 | PROFILE | 250.00 | 250.00 | 142.05 | 142.05 |
| G234DPA | MW-234 | 08/13/2002 | PROFILE | 260.00 | 260.00 | 152.05 | 152.05 |
| G234DQA | MW-234 | 08/13/2002 | PROFILE | 270.00 | 270.00 | 162.05 | 162.05 |
| G234DRA | MW-234 | 08/13/2002 | PROFILE | 280.00 | 280.00 | 172.05 | 172.05 |
| G234DSA | MW-234 | 08/13/2002 | PROFILE | 290.00 | 290.00 | 182.05 | 182.05 |
| G234DTA | MW-234 | 08/13/2002 | PROFILE | 300.00 | 300.00 | 192.05 | 192.05 |

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

TABLE 2
SAMPLING PROGRESS
8/1/2002 - 8/31/2002

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMPLE TYPE | SBD | SED | BWTS | BWTE |
|---|---|---|---|---|---|---|---|
| G234DUA | MW-234 | 08/13/2002 | PROFILE | 310.00 | 310.00 | 202.05 | 202.05 |
| G234DVA | MW-234 | 08/14/2002 | PROFILE | 320.00 | 320.00 | 212.05 | 212.05 |
| G234DWA | MW-234 | 08/14/2002 | PROFILE | 330.00 | 330.00 | 222.05 | 222.05 |
| G234DXA | MW-234 | 08/14/2002 | PROFILE | 340.00 | 340.00 | 232.05 | 232.05 |
| G234DYA | MW-234 | 08/14/2002 | PROFILE | 347.00 | 347.00 | 239.05 | 239.05 |
| G235DAA | MW-235 | 08/23/2002 | PROFILE | 130.00 | 130.00 | 1.50 | 1.50 |
| G235DBA | MW-235 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 11.50 | 11.50 |
| G235DCA | MW-235 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 21.50 | 21.50 |
| G235DDA | MW-235 | 08/26/2002 | PROFILE | 160.00 | 160.00 | 31.50 | 31.50 |
| G235DDD | MW-235 | 08/26/2002 | PROFILE | 160.00 | 160.00 | 31.50 | 31.50 |
| G235DEA | MW-235 | 08/26/2002 | PROFILE | 170.00 | 170.00 | 41.50 | 41.50 |
| G235DFA | MW-235 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 51.50 | 51.50 |
| G235DGA | MW-235 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 61.50 | 61.50 |
| G235DHA | MW-235 | 08/26/2002 | PROFILE | 200.00 | 200.00 | 71.50 | 71.50 |
| G235DIA | MW-235 | 08/26/2002 | PROFILE | 210.00 | 210.00 | 81.50 | 81.50 |
| G235DJA | MW-235 | 08/27/2002 | PROFILE | 220.00 | 220.00 | 91.50 | 91.50 |
| G235DKA | MW-235 | 08/27/2002 | PROFILE | 230.00 | 230.00 | 101.50 | 101.50 |
| G235DLA | MW-235 | 08/27/2002 | PROFILE | 240.00 | 240.00 | 111.50 | 111.50 |
| G235DMA | MW-235 | 08/27/2002 | PROFILE | 250.00 | 250.00 | 121.50 | 121.50 |
| G235DNA | MW-235 | 08/27/2002 | PROFILE | 260.00 | 260.00 | 131.50 | 131.50 |
| G235DOA | MW-235 | 08/27/2002 | PROFILE | 270.00 | 270.00 | 141.50 | 141.50 |
| G235DPA | MW-235 | 08/28/2002 | PROFILE | 280.00 | 280.00 | 151.50 | 151.50 |
| G235DQA | MW-235 | 08/28/2002 | PROFILE | 290.00 | 290.00 | 161.50 | 161.50 |
| G235DRA | MW-235 | 08/29/2002 | PROFILE | 300.00 | 300.00 | 171.50 | 171.50 |
| G235DSA | MW-235 | 08/29/2002 | PROFILE | 310.00 | 310.00 | 181.50 | 181.50 |
| G235DTA | MW-235 | 08/29/2002 | PROFILE | 320.00 | 320.00 | 191.50 | 191.50 |
| G235DTD | MW-235 | 08/29/2002 | PROFILE | 320.00 | 320.00 | 191.50 | 191.50 |
| G235DUA | MW-235 | 08/29/2002 | PROFILE | 330.00 | 330.00 | 201.50 | 201.50 |
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 |
| G236DBA | MW-236 | 08/26/2002 | PROFILE | 120.00 | 120.00 | 22.50 | 22.50 |
| G236DCA | MW-236 | 08/26/2002 | PROFILE | 130.00 | 130.00 | 32.50 | 32.50 |
| G236DDA | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 |
| G236DDD | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 |
| G236DEA | MW-236 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 52.50 | 52.50 |
| G236DGA | MW-236 | 08/26/2002 | PROFILE | 170.00 | 170.00 | 62.50 | 62.50 |
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 |
| G236DIA | MW-236 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 82.50 | 82.50 |
| G236DJA | MW-236 | 08/27/2002 | PROFILE | 200.00 | 200.00 | 92.50 | 92.50 |
| G236DKA | MW-236 | 08/27/2002 | PROFILE | 210.00 | 210.00 | 102.50 | 102.50 |
| G236DLA | MW-236 | 08/27/2002 | PROFILE | 220.00 | 220.00 | 112.50 | 112.50 |
| G236DMA | MW-236 | 08/27/2002 | PROFILE | 230.00 | 230.00 | 122.50 | 122.50 |
| G236DNA | MW-236 | 08/27/2002 | PROFILE | 240.00 | 240.00 | 132.50 | 132.50 |
| G236DOA | MW-236 | 08/28/2002 | PROFILE | 250.00 | 250.00 | 142.50 | 142.50 |
| ABB0039AAA | B-39 | 08/15/2002 | SOIL BORING | 5.00 | 7.00 | | |
| ABB0039BAA | B-39 | 08/15/2002 | SOIL BORING | 10.00 | 12.00 | | |
| ABB0039CAA | B-39 | 08/15/2002 | SOIL BORING | 20.00 | 22.00 | | |
| ABB0039DAA | B-39 | 08/15/2002 | SOIL BORING | 30.00 | 32.00 | | |
| ABB0039DAD | B-39 | 08/15/2002 | SOIL BORING | 30.00 | 32.00 | | |
| ABB0039EAA | B-39 | 08/15/2002 | SOIL BORING | 40.00 | 42.00 | | |
| LKSNK0005AAA | LKSNK0005 | 08/14/2002 | SURFACE WATEF | | | | |

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

TABLE 2
SAMPLING PROGRESS
8/1/2002 - 8/31/2002

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMPLE TYPE | SBD | SED | BWTS | BWTE |
|---|---|---|---|---|---|---|---|
| LKSNK0005AAA | LKSNK0005 | 08/28/2002 | SURFACE WATEF | | | | |
| LKSNK0006AAA | LKSNK0006 | 08/14/2002 | SURFACE WATEF | | | | |
| LKSNK0006AAA | LKSNK0006 | 08/28/2002 | SURFACE WATEF | | | | |
| LKSNK0007AAA | LKSNK0007 | 08/14/2002 | SURFACE WATEF | | | | |
| LKSNK0007AAA | LKSNK0007 | 08/28/2002 | SURFACE WATEF | | | | |
| SR.A.C10.005.1.0 | SR.C10.005.R | 08/22/2002 | CRATER GRID | 0.00 | 0.17 | | |
| SR.A.C10.005.2.0 | SR.C10.005.R | 08/22/2002 | CRATER GRID | 2.83 | 3.00 | | |
| SR.A.C10.005.3.0 | SR.C10.005.R | 08/22/2002 | CRATER GRAB | 2.83 | 3.00 | | |
| SR.A.D10.021.1.0 | SR.D10.021.R | 08/22/2002 | CRATER GRID | 0.00 | 0.17 | | |
| SR.A.D10.021.2.0 | SR.D10.021.R | 08/22/2002 | CRATER GRID | 3.00 | 3.17 | | |
| SR.A.D10.021.3.0 | SR.D10.021.R | 08/22/2002 | CRATER GRAB | 3.00 | 3.17 | | |
| SR.A.D10.021.3.D | SR.D10.021.R | 08/22/2002 | CRATER GRAB | 3.00 | 3.17 | | |
| SR.A.D6.018.1.0 | SR.C6.026.R | 08/22/2002 | CRATER GRID | 0.00 | 0.17 | | |
| SR.A.D6.018.2.0 | SR.C6.026.R | 08/22/2002 | CRATER GRID | 1.00 | 1.17 | | |
| SR.A.D6.018.3.0 | SR.C6.026.R | 08/22/2002 | CRATER GRAB | 1.00 | 1.17 | | |
| SR.A.E8.001.1.0 | SR.E8.001.R | 08/22/2002 | CRATER GRID | 0.00 | 0.17 | | |
| SR.A.E8.001.2.0 | SR.E8.001.R | 08/22/2002 | CRATER GRID | 1.00 | 1.17 | | |
| SR.A.E8.001.3.0 | SR.E8.001.R | 08/22/2002 | CRATER GRAB | 1.00 | 1.17 | | |
| SR.A.F6.004.1.0 | SR.F6.004.R | 08/22/2002 | CRATER GRID | 0.00 | 0.17 | | |
| SR.A.F6.004.2.0 | SR.F6.004.R | 08/22/2002 | CRATER GRID | 3.00 | 3.17 | | |
| SR.A.F6.004.3.0 | SR.F6.004.R | 08/22/2002 | CRATER GRAB | 3.00 | 3.17 | | |
| SR.A.A11.001.1.0 | SR.A11.001.R | 07/31/2002 | CRATER GRAB | 3.00 | 3.17 | | |
| SR.A.A11.001.1.D | SR.A11.001.R | 07/31/2002 | CRATER GRAB | 3.00 | 3.17 | | |
| SR.A.A11.001.2.0 | SR.A11.001.R | 08/01/2002 | CRATER GRID | 3.00 | 3.17 | | |
| SR.A.A11.001.3.0 | SR.A11.001.R | 08/01/2002 | CRATER GRAB | 3.00 | 3.17 | | |
| SR.A.D10.001.1.0 | SR.D10.001.R | 07/31/2002 | CRATER GRID | 0.00 | 0.17 | | |
| SR.A.D10.001.2.0 | SR.D10.001.R | 08/01/2002 | CRATER GRID | 3.67 | 3.83 | | |
| SR.A.D10.001.3.0 | SR.D10.001.R | 08/01/2002 | CRATER GRAB | 3.67 | 3.83 | | |
| SR.A.E12.008.1.0 | SR.E12.008.R | 07/31/2002 | CRATER GRID | 0.00 | 0.17 | | |
| SR.A.E12.008.2.0 | SR.E12.008.R | 08/01/2002 | CRATER GRID | 3.33 | 3.50 | | |
| SR.A.E12.008.3.0 | SR.E12.008.R | 08/01/2002 | CRATER GRAB | 3.33 | 3.50 | | |
| SR.A.E12.008.3.D | SR.E12.008.R | 08/01/2002 | CRATER GRAB | 3.33 | 3.50 | | |
| SR.A.F11.005.1.0 | SR.F11.005.R | 07/31/2002 | CRATER GRID | 0.00 | 0.17 | | |
| SR.A.F11.005.2.0 | SR.F11.005.R | 08/01/2002 | CRATER GRAB | 1.00 | 1.17 | | |
| SR.A.F11.005.3.0 | SR.F11.005.R | 08/01/2002 | CRATER GRAB | 1.00 | 1.17 | | |
| SR.A.F12.005.1.0 | SR.F12.005.R | 07/31/2002 | CRATER GRID | 0.00 | 0.17 | | |
| SR.A.F12.005.2.0 | SR.F12.005.R | 08/01/2002 | CRATER GRID | 2.00 | 2.17 | | |
| SR.A.F12.005.2.D | SR.F12.005.R | 08/01/2002 | CRATER GRID | 2.00 | 2.17 | | |
| SR.A.F12.005.3.0 | SR.F12.005.R | 08/01/2002 | CRATER GRAB | 2.00 | 2.17 | | |
| SR.A.G12.005.1.0 | SR.G12.005.R | 07/31/2002 | CRATER GRID | 0.00 | 0.17 | | |
| SR.A.G12.005.2.0 | SR.G12.005.R | 08/01/2002 | CRATER GRID | 2.00 | 2.17 | | |
| SR.A.G12.005.3.0 | SR.G12.005.R | 08/01/2002 | CRATER GRAB | 2.00 | 2.17 | | |
| SR.A.G12.007.1.0 | SR.G12.007.R | 07/31/2002 | CRATER GRID | 0.00 | 0.17 | | |
| SR.A.G12.007.2.0 | SR.G12.007.R | 08/01/2002 | CRATER GRID | 2.50 | 2.67 | | |
| SR.A.G12.007.3.0 | SR.G12.007.R | 08/01/2002 | CRATER GRAB | 2.50 | 2.67 | | |
| SR.A.H8.013.1.0 | SR.H8.013.R | 07/31/2002 | CRATER GRID | 0.00 | 0.17 | | |
| SR.A.H8.013.2.0 | SR.H8.013.R | 08/01/2002 | CRATER GRID | 0.50 | 0.67 | | |
| SR.A.H8.013.3.0 | SR.H8.013.R | 08/01/2002 | CRATER GRAB | 0.50 | 0.67 | | |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002

Friday, September 06, 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ECMWSNP02 | ECMWSNP02D | 09/13/1999 | 504 | 1,2-DIBROMOETHANE (ETHYL | 0.11 | | UG/L | 4.30 | 4.30 | 0.05 | X |
| MW-41 | W41M1A | 05/18/2000 | 8151 | PENTACHLOROPHENOL | 1.80 | J | UG/L | 108.00 | 118.00 | 1.00 | X |
| MW-19 | W19SSA | 06/18/2001 | 8321NX | 1,3-DINITROBENZENE | 3.50 | | UG/L | 0.00 | 10.00 | 1.00 | X |
| MW-19 | W19SSA | 06/18/2001 | 8321NX | 2,4,6-TRINITROTOLUENE | 5.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 06/18/2001 | 8321NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 220.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 06/18/2001 | 8321NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 230.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 06/18/2001 | 8321NX | NITROGLYCERIN | 80.00 | | UG/L | 0.00 | 10.00 | 5.00 | X |
| 58MW0009E | WC9EXA | 10/02/1997 | 8330 | HEXAHYDRO-1,3,5-TRINITRO-1 | 7.70 | | UG/L | 6.50 | 11.50 | 2.00 | X |
| MW-1 | W01SSA | 09/30/1997 | 8330 | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.50 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-1 | W01SSD | 09/30/1997 | 8330 | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.40 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-1 | W01MMA | 09/29/1997 | 8330 | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.60 | | UG/L | 44.00 | 49.00 | 2.00 | X |
| MW-25 | W25SSA | 10/16/1997 | 8330 | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 03/05/1998 | 8330N | 2,4,6-TRINITROTOLUENE | 10.00 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19S2A | 07/20/1998 | 8330N | 2,4,6-TRINITROTOLUENE | 16.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19S2D | 07/20/1998 | 8330N | 2,4,6-TRINITROTOLUENE | 16.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 02/12/1999 | 8330N | 2,4,6-TRINITROTOLUENE | 7.20 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 09/10/1999 | 8330N | 2,4,6-TRINITROTOLUENE | 2.60 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 05/12/2000 | 8330N | 2,4,6-TRINITROTOLUENE | 3.70 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 05/23/2000 | 8330N | 2,4,6-TRINITROTOLUENE | 3.90 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 08/08/2000 | 8330N | 2,4,6-TRINITROTOLUENE | 2.00 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 12/08/2000 | 8330N | 2,4,6-TRINITROTOLUENE | 2.30 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-196 | W196SSA | 02/07/2002 | 8330N | 2,4,6-TRINITROTOLUENE | 12.00 | | UG/L | 0.00 | 5.00 | 2.00 | X |
| MW-31 | W31SSA | 05/15/2000 | 8330N | 2,4,6-TRINITROTOLUENE | 3.30 | | UG/L | 13.00 | 18.00 | 2.00 | X |
| MW-31 | W31SSA | 08/09/2000 | 8330N | 2,4,6-TRINITROTOLUENE | 3.90 | J | UG/L | 13.00 | 18.00 | 2.00 | X |
| MW-31 | W31SSA | 12/08/2000 | 8330N | 2,4,6-TRINITROTOLUENE | 5.20 | J | UG/L | 13.00 | 18.00 | 2.00 | X |
| MW-31 | W31SSA | 05/02/2001 | 8330N | 2,4,6-TRINITROTOLUENE | 5.20 | | UG/L | 13.00 | 18.00 | 2.00 | X |
| MW-31 | W31MMA | 05/23/2001 | 8330N | 2,4,6-TRINITROTOLUENE | 5.20 | | UG/L | 28.00 | 38.00 | 2.00 | X |
| MW-31 | W31DDA | 08/09/2000 | 8330N | 2,4,6-TRINITROTOLUENE | 3.90 | J | UG/L | 48.00 | 53.00 | 2.00 | X |
| MW-45 | W45SSA | 08/23/2001 | 8330N | 2,6-DINITROTOLUENE | 8.30 | J | UG/L | 0.00 | 10.00 | 5.00 | X |
| 58MW0001 | 58MW0001 | 05/29/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.80 | | UG/L | 3.60 | 8.60 | 2.00 | X |
| 58MW0001 | 58MW0001 | 08/29/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.50 | | UG/L | 4.78 | 9.78 | 2.00 | X |
| 58MW0001 | 58MW0001-D | 08/29/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.40 | | UG/L | 4.78 | 9.78 | 2.00 | X |
| 58MW0002 | WC2XXA | 02/26/1998 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 19.00 | | UG/L | 4.00 | 9.00 | 2.00 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 58MW0002 | WC2XXA | 01/14/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 20.00 | | UG/L | 4.00 | 9.00 | 2.00 | X |
| 58MW0002 | WC2XXA | 10/08/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 8.80 | | UG/L | 4.00 | 9.00 | 2.00 | X |
| 58MW0002 | 58MW0002 | 05/23/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 13.00 | | UG/L | 4.00 | 9.00 | 2.00 | X |
| 58MW0002 | 58MW0002 | 09/19/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 15.00 | | UG/L | 4.00 | 9.00 | 2.00 | X |
| 58MW0009E | WC9EXA | 01/26/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 17.00 | | UG/L | 6.50 | 11.50 | 2.00 | X |
| 58MW0009E | WC9EXA | 09/28/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 18.00 | | UG/L | 6.50 | 11.50 | 2.00 | X |
| 58MW0009E | WC9EXD | 09/28/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 18.00 | | UG/L | 6.50 | 11.50 | 2.00 | X |
| 58MW0009E | 58MW0009E | 05/23/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 8.40 | | UG/L | 6.50 | 11.50 | 2.00 | X |
| 58MW0009E | 58MW0009E | 08/29/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 12.00 | | UG/L | 6.50 | 11.50 | 2.00 | X |
| 58MW0011D | 58MW0011D | 05/24/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 7.30 | | UG/L | 49.50 | 54.50 | 2.00 | X |
| 58MW0011D | 58MW0011D | 09/26/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.50 | | UG/L | 49.50 | 54.50 | 2.00 | X |
| 58MW0016B | 58MW0016B | 08/30/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.30 | | UG/L | 28.50 | 38.50 | 2.00 | X |
| 58MW0016C | 58MW0016C | 08/30/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.80 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| 90MW0022 | WF22XA | 01/26/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.80 | | UG/L | 72.79 | 77.79 | 2.00 | X |
| 90MW0022 | WF22XA | 02/16/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.40 | | UG/L | 72.79 | 77.79 | 2.00 | X |
| 90MW0022 | WF22XA | 09/30/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.20 | | UG/L | 72.79 | 77.79 | 2.00 | X |
| 90MW0054 | 90MW0054 | 12/08/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.10 | | UG/L | 91.83 | 96.83 | 2.00 | X |
| 90MW0054 | 90MW0054 | 04/20/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.70 | | UG/L | 91.83 | 96.83 | 2.00 | X |
| 90WT0013 | WF13XA | 01/16/1998 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.20 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-1 | W01SSA | 02/22/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.80 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-1 | W01SSA | 09/07/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.50 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-1 | W01SSA | 05/31/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.10 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-1 | W01SSA | 07/31/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.80 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-1 | W01SSA | 11/18/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.20 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-1 | W01SSA | 12/12/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.10 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-1 | W01SSD | 12/12/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.40 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-1 | W01M2A | 03/01/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.20 | | UG/L | 44.00 | 49.00 | 2.00 | X |
| MW-1 | W01M2A | 05/10/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.90 | | UG/L | 44.00 | 49.00 | 2.00 | X |
| MW-1 | W01M2A | 07/31/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.40 | J | UG/L | 44.00 | 49.00 | 2.00 | X |
| MW-1 | W01M2A | 11/18/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 8.10 | | UG/L | 44.00 | 49.00 | 2.00 | X |
| MW-1 | W01M2D | 11/18/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 8.00 | | UG/L | 44.00 | 49.00 | 2.00 | X |
| MW-1 | W01M2A | 05/01/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 7.80 | | UG/L | 44.00 | 49.00 | 2.00 | X |
| MW-100 | W100M1A | 06/06/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.30 | | UG/L | 45.00 | 55.00 | 2.00 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-100 | W100M1D | 06/06/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.30 | | UG/L | 45.00 | 55.00 | 2.00 | X |
| MW-100 | W100M1A | 10/02/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.90 | | UG/L | 45.00 | 55.00 | 2.00 | X |
| MW-100 | W100M1A | 01/27/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.90 | | UG/L | 45.00 | 55.00 | 2.00 | X |
| MW-100 | W100M1A | 10/23/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.90 | | UG/L | 45.00 | 55.00 | 2.00 | X |
| MW-100 | W100M1D | 10/23/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.90 | | UG/L | 45.00 | 55.00 | 2.00 | X |
| MW-100 | W100M1A | 11/27/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.00 | | UG/L | 45.00 | 55.00 | 2.00 | X |
| MW-100 | W100M1A | 05/21/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.10 | | UG/L | 45.00 | 55.00 | 2.00 | X |
| MW-101 | W101M1A | 06/06/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.50 | | UG/L | 27.00 | 37.00 | 2.00 | X |
| MW-101 | W101M1A | 10/23/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.30 | | UG/L | 27.00 | 37.00 | 2.00 | X |
| MW-101 | W101M1A | 11/27/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.00 | | UG/L | 27.00 | 37.00 | 2.00 | X |
| MW-101 | W101M1A | 05/21/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.20 | | UG/L | 27.00 | 37.00 | 2.00 | X |
| MW-105 | W105M1A | 06/21/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.90 | | UG/L | 78.00 | 88.00 | 2.00 | X |
| MW-105 | W105M1A | 11/07/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.90 | | UG/L | 78.00 | 88.00 | 2.00 | X |
| MW-105 | W105M1A | 01/27/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.30 | | UG/L | 78.00 | 88.00 | 2.00 | X |
| MW-105 | W105M1A | 10/22/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.10 | J | UG/L | 78.00 | 88.00 | 2.00 | X |
| MW-105 | W105M1A | 11/26/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.10 | | UG/L | 78.00 | 88.00 | 2.00 | X |
| MW-105 | W105M1A | 05/21/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.30 | | UG/L | 78.00 | 88.00 | 2.00 | X |
| MW-107 | W107M2A | 06/21/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.00 | | UG/L | 5.00 | 15.00 | 2.00 | X |
| MW-107 | W107M2A | 11/07/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.10 | | UG/L | 5.00 | 15.00 | 2.00 | X |
| MW-107 | W107M2A | 10/22/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.40 | | UG/L | 5.00 | 15.00 | 2.00 | X |
| MW-107 | W107M2A | 11/29/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.20 | J | UG/L | 5.00 | 15.00 | 2.00 | X |
| MW-107 | W107M2D | 11/29/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.20 | J | UG/L | 5.00 | 15.00 | 2.00 | X |
| MW-111 | W111M3A | 10/10/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.20 | | UG/L | 33.00 | 43.00 | 2.00 | X |
| MW-113 | W113M2A | 09/26/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 9.20 | | UG/L | 48.00 | 58.00 | 2.00 | X |
| MW-113 | W113M2A | 01/15/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 11.00 | | UG/L | 48.00 | 58.00 | 2.00 | X |
| MW-113 | W113M2A | 04/30/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 15.00 | | UG/L | 48.00 | 58.00 | 2.00 | X |
| MW-113 | W113M2A | 12/03/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 12.00 | | UG/L | 48.00 | 58.00 | 2.00 | X |
| MW-114 | W114M2A | 10/24/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 140.00 | | UG/L | 39.00 | 49.00 | 2.00 | X |
| MW-114 | W114M2D | 10/24/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 140.00 | | UG/L | 39.00 | 49.00 | 2.00 | X |
| MW-114 | W114M2A | 03/14/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 120.00 | J | UG/L | 39.00 | 49.00 | 2.00 | X |
| MW-114 | W114M2A | 06/19/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 140.00 | | UG/L | 39.00 | 49.00 | 2.00 | X |
| MW-114 | W114M2A | 01/07/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 170.00 | | UG/L | 39.00 | 49.00 | 2.00 | X |
| MW-114 | W114M1A | 03/14/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.00 | J | UG/L | 96.00 | 106.00 | 2.00 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-114 | W114M1A | 12/21/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.30 | | UG/L | 96.00 | 106.00 | 2.00 | X |
| MW-129 | W129M2A | 12/21/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 10.00 | | UG/L | 46.00 | 56.00 | 2.00 | X |
| MW-132 | W132SSA | 11/09/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.50 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-132 | W132SSA | 02/16/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.40 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-132 | W132SSA | 12/12/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.80 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-147 | W147M2A | 02/23/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.00 | | UG/L | 77.00 | 87.00 | 2.00 | X |
| MW-147 | W147M2A | 10/24/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.90 | | UG/L | 77.00 | 87.00 | 2.00 | X |
| MW-147 | W147M1A | 02/23/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.70 | | UG/L | 94.00 | 104.00 | 2.00 | X |
| MW-147 | W147M1A | 06/19/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.20 | | UG/L | 94.00 | 104.00 | 2.00 | X |
| MW-153 | W153M1A | 03/23/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 9.20 | | UG/L | 108.00 | 118.00 | 2.00 | X |
| MW-153 | W153M1A | 07/24/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 8.80 | | UG/L | 108.00 | 118.00 | 2.00 | X |
| MW-153 | W153M1A | 10/24/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 7.80 | | UG/L | 108.00 | 118.00 | 2.00 | X |
| MW-160 | W160SSA | 01/23/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.20 | J | UG/L | 5.00 | 15.00 | 2.00 | X |
| MW-163 | W163SSA | 06/14/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.70 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-163 | W163SSA | 10/10/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.80 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-163 | W163SSA | 02/05/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.10 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-163 | W163SSA | 03/07/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.20 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-164 | W164M2A | 05/25/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 12.00 | | UG/L | 119.00 | 129.00 | 2.00 | X |
| MW-164 | W164M2A | 08/21/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 8.00 | | UG/L | 119.00 | 129.00 | 2.00 | X |
| MW-164 | W164M2A | 01/17/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.60 | | UG/L | 119.00 | 129.00 | 2.00 | X |
| MW-165 | W165M2A | 05/08/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 60.00 | | UG/L | 46.00 | 56.00 | 2.00 | X |
| MW-165 | W165M2A | 08/16/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 50.00 | | UG/L | 46.00 | 56.00 | 2.00 | X |
| MW-165 | W165M2A | 01/07/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 27.00 | J | UG/L | 46.00 | 56.00 | 2.00 | X |
| MW-166 | W166M3A | 06/01/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.30 | | UG/L | 19.00 | 29.00 | 2.00 | X |
| MW-166 | W166M3A | 10/04/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.90 | | UG/L | 19.00 | 29.00 | 2.00 | X |
| MW-166 | W166M3A | 01/17/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.10 | | UG/L | 19.00 | 29.00 | 2.00 | X |
| MW-166 | W166M1A | 05/31/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.70 | | UG/L | 112.00 | 117.00 | 2.00 | X |
| MW-166 | W166M1A | 10/04/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.40 | | UG/L | 112.00 | 117.00 | 2.00 | X |
| MW-166 | W166M1A | 01/16/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.40 | | UG/L | 112.00 | 117.00 | 2.00 | X |
| MW-171 | W171M2A | 05/31/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.10 | | UG/L | 83.00 | 88.00 | 2.00 | X |
| MW-171 | W171M2A | 12/21/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.60 | | UG/L | 83.00 | 88.00 | 2.00 | X |
| MW-178 | W178M1A | 10/31/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.80 | | UG/L | 117.00 | 127.00 | 2.00 | X |
| MW-178 | W178M1A | 03/08/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.60 | J | UG/L | 117.00 | 127.00 | 2.00 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-184 | W184M1A | 01/24/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 23.00 | | UG/L | 58.20 | 68.20 | 2.00 | X |
| MW-19 | W19SSA | 03/05/1998 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 190.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19S2A | 07/20/1998 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 260.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19S2D | 07/20/1998 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 260.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 02/12/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 250.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 09/10/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 240.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 05/12/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 150.00 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 05/23/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 160.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 08/08/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 290.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 12/08/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 200.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-191 | W191M2A | 01/25/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.10 | J | UG/L | 8.40 | 18.40 | 2.00 | X |
| MW-198 | W198M4A | 02/21/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 12.00 | | UG/L | 48.40 | 53.40 | 2.00 | X |
| MW-2 | W02M2A | 01/20/1998 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 13.00 | | UG/L | 33.00 | 38.00 | 2.00 | X |
| MW-2 | W02M2A | 02/03/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.80 | | UG/L | 33.00 | 38.00 | 2.00 | X |
| MW-2 | W02M2A | 09/03/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.80 | | UG/L | 33.00 | 38.00 | 2.00 | X |
| MW-2 | W02M2A | 05/11/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.30 | J | UG/L | 33.00 | 38.00 | 2.00 | X |
| MW-2 | W02M2A | 08/02/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.10 | | UG/L | 33.00 | 38.00 | 2.00 | X |
| MW-2 | W02M2A | 11/27/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.10 | | UG/L | 33.00 | 38.00 | 2.00 | X |
| MW-2 | W02M2A | 05/03/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.10 | | UG/L | 33.00 | 38.00 | 2.00 | X |
| MW-2 | W02M2A | 08/21/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.50 | | UG/L | 33.00 | 38.00 | 2.00 | X |
| MW-2 | W02M2A | 11/19/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.00 | | UG/L | 33.00 | 38.00 | 2.00 | X |
| MW-2 | W02M2A | 05/01/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.00 | J | UG/L | 33.00 | 38.00 | 2.00 | X |
| MW-2 | W02M1A | 08/02/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.10 | | UG/L | 75.00 | 80.00 | 2.00 | X |
| MW-201 | W201M2A | 03/13/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.10 | J | UG/L | 0.00 | 0.00 | 2.00 | X |
| MW-23 | W23M1A | 11/07/1997 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.30 | J | UG/L | 103.00 | 113.00 | 2.00 | X |
| MW-23 | W23M1A | 03/18/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.40 | | UG/L | 103.00 | 113.00 | 2.00 | X |
| MW-23 | W23M1D | 03/18/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.70 | | UG/L | 103.00 | 113.00 | 2.00 | X |
| MW-23 | W23M1A | 09/13/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.10 | | UG/L | 103.00 | 113.00 | 2.00 | X |
| MW-23 | W23M1A | 05/12/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.60 | J | UG/L | 103.00 | 113.00 | 2.00 | X |
| MW-23 | W23M1A | 08/08/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.30 | | UG/L | 103.00 | 113.00 | 2.00 | X |
| MW-23 | W23M1A | 12/04/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.00 | | UG/L | 103.00 | 113.00 | 2.00 | X |
| MW-23 | W23M1D | 12/04/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.20 | | UG/L | 103.00 | 113.00 | 2.00 | X |
| MW-23 | W23M1A | 04/27/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.90 | | UG/L | 103.00 | 113.00 | 2.00 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-25 | W25SSA | 03/17/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.10 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-31 | W31SSA | 07/15/1998 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 64.00 | | UG/L | 13.00 | 18.00 | 2.00 | X |
| MW-31 | W31SSA | 02/01/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 210.00 | | UG/L | 13.00 | 18.00 | 2.00 | X |
| MW-31 | W31SSA | 09/15/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 50.00 | | UG/L | 13.00 | 18.00 | 2.00 | X |
| MW-31 | W31SSA | 05/15/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 110.00 | | UG/L | 13.00 | 18.00 | 2.00 | X |
| MW-31 | W31SSA | 08/09/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 140.00 | | UG/L | 13.00 | 18.00 | 2.00 | X |
| MW-31 | W31SSA | 12/08/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 120.00 | | UG/L | 13.00 | 18.00 | 2.00 | X |
| MW-31 | W31SSA | 05/02/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 81.00 | | UG/L | 13.00 | 18.00 | 2.00 | X |
| MW-31 | W31MMA | 07/15/1998 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 280.00 | | UG/L | 28.00 | 38.00 | 2.00 | X |
| MW-31 | W31MMA | 02/02/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 370.00 | | UG/L | 28.00 | 38.00 | 2.00 | X |
| MW-31 | W31MMA | 09/15/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 29.00 | | UG/L | 28.00 | 38.00 | 2.00 | X |
| MW-31 | W31M1A | 05/15/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 19.00 | | UG/L | 28.00 | 38.00 | 2.00 | X |
| MW-31 | W31M1A | 08/09/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 14.00 | | UG/L | 28.00 | 38.00 | 2.00 | X |
| MW-31 | W31MMA | 05/23/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 70.00 | | UG/L | 28.00 | 38.00 | 2.00 | X |
| MW-31 | W31DDA | 08/09/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 150.00 | | UG/L | 48.00 | 53.00 | 2.00 | X |
| MW-34 | W34M2A | 02/19/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.20 | | UG/L | 53.00 | 63.00 | 2.00 | X |
| MW-34 | W34M2A | 05/18/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.70 | | UG/L | 53.00 | 63.00 | 2.00 | X |
| MW-34 | W34M2A | 08/10/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.10 | | UG/L | 53.00 | 63.00 | 2.00 | X |
| MW-34 | W34M2A | 11/17/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.50 | | UG/L | 53.00 | 63.00 | 2.00 | X |
| MW-34 | W34M1A | 05/17/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.20 | | UG/L | 73.00 | 83.00 | 2.00 | X |
| MW-34 | W34M1A | 08/11/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.00 | | UG/L | 73.00 | 83.00 | 2.00 | X |
| MW-34 | W34M1A | 11/17/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.50 | | UG/L | 73.00 | 83.00 | 2.00 | X |
| MW-37 | W37M2A | 09/29/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.90 | | UG/L | 26.00 | 36.00 | 2.00 | X |
| MW-37 | W37M2A | 12/29/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.60 | | UG/L | 26.00 | 36.00 | 2.00 | X |
| MW-37 | W37M2A | 03/27/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.10 | | UG/L | 26.00 | 36.00 | 2.00 | X |
| MW-37 | W37M2A | 08/31/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.80 | J | UG/L | 26.00 | 36.00 | 2.00 | X |
| MW-37 | W37M2A | 11/27/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.40 | | UG/L | 26.00 | 36.00 | 2.00 | X |
| MW-37 | W37M2D | 11/27/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.40 | | UG/L | 26.00 | 36.00 | 2.00 | X |
| MW-38 | W38M3A | 05/06/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.50 | | UG/L | 52.00 | 62.00 | 2.00 | X |
| MW-38 | W38M3A | 08/18/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.60 | | UG/L | 52.00 | 62.00 | 2.00 | X |
| MW-38 | W38M3A | 11/10/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.00 | | UG/L | 52.00 | 62.00 | 2.00 | X |
| MW-38 | W38M3A | 05/16/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.90 | J | UG/L | 52.00 | 62.00 | 2.00 | X |
| MW-38 | W38M3A | 08/11/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.60 | | UG/L | 52.00 | 62.00 | 2.00 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-38 | W38M3A | 11/20/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.40 | | UG/L | 52.00 | 62.00 | 2.00 | X |
| MW-38 | W38M3A | 04/30/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.30 | J | UG/L | 52.00 | 62.00 | 2.00 | X |
| MW-38 | W38M3A | 08/14/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.00 | | UG/L | 52.00 | 62.00 | 2.00 | X |
| MW-38 | W38M3A | 11/29/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.10 | J | UG/L | 52.00 | 62.00 | 2.00 | X |
| MW-38 | W38M3D | 11/29/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.00 | J | UG/L | 52.00 | 62.00 | 2.00 | X |
| MW-40 | W40M1A | 09/21/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.80 | | UG/L | 13.00 | 23.00 | 2.00 | X |
| MW-40 | W40M1D | 09/21/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.60 | | UG/L | 13.00 | 23.00 | 2.00 | X |
| MW-40 | W40M1A | 12/30/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.00 | J | UG/L | 13.00 | 23.00 | 2.00 | X |
| MW-40 | W40M1A | 04/14/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.00 | J | UG/L | 13.00 | 23.00 | 2.00 | X |
| MW-40 | W40M1A | 09/01/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.40 | J | UG/L | 13.00 | 23.00 | 2.00 | X |
| MW-40 | W40M1A | 11/27/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.50 | | UG/L | 13.00 | 23.00 | 2.00 | X |
| MW-40 | W40M1A | 06/02/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.10 | | UG/L | 13.00 | 23.00 | 2.00 | X |
| MW-40 | W40M1A | 08/16/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.90 | | UG/L | 13.00 | 23.00 | 2.00 | X |
| MW-40 | W40M1A | 11/29/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.10 | J | UG/L | 13.00 | 23.00 | 2.00 | X |
| MW-58 | W58SSA | 11/23/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.70 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-58 | W58SSA | 02/15/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-58 | W58SSA | 05/11/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 7.40 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-58 | W58SSA | 09/05/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.10 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-58 | W58SSA | 12/20/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.10 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-58 | W58SSA | 06/14/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.30 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-58 | W58SSA | 08/22/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.40 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-58 | W58SSA | 12/12/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.80 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-73 | W73SSA | 07/09/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 50.00 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-73 | W73SSA | 09/16/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 63.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-73 | W73SSA | 11/02/1999 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 57.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-73 | W73SSA | 06/02/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 44.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-73 | W73SSA | 09/05/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 29.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-73 | W73SSA | 11/14/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 28.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-73 | W73SSD | 11/14/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 29.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-73 | W73SSA | 06/14/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 22.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-76 | W76SSA | 01/20/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 11.00 | | UG/L | 18.00 | 28.00 | 2.00 | X |
| MW-76 | W76SSA | 05/02/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 7.50 | J | UG/L | 18.00 | 28.00 | 2.00 | X |
| MW-76 | W76SSA | 08/01/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.10 | | UG/L | 18.00 | 28.00 | 2.00 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-76 | W76SSA | 05/07/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.10 | | UG/L | 18.00 | 28.00 | 2.00 | X |
| MW-76 | W76M2A | 01/24/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 31.00 | | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-76 | W76M2D | 01/24/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 29.00 | | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-76 | W76M2A | 05/02/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 37.00 | J | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-76 | W76M2A | 08/02/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 31.00 | | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-76 | W76M2A | 12/07/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 46.00 | | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-76 | W76M2A | 05/07/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 56.00 | | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-76 | W76M1A | 12/07/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.30 | | UG/L | 58.00 | 68.00 | 2.00 | X |
| MW-76 | W76M1A | 05/07/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 28.00 | | UG/L | 58.00 | 68.00 | 2.00 | X |
| MW-77 | W77M2A | 01/25/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 150.00 | | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-77 | W77M2A | 05/02/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 100.00 | J | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-77 | W77M2A | 08/01/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 97.00 | J | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-77 | W77M2A | 12/07/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 93.00 | | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-77 | W77M2A | 05/10/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 39.00 | | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-85 | W85M1A | 05/22/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 29.00 | | UG/L | 22.00 | 32.00 | 2.00 | X |
| MW-85 | W85M1A | 02/10/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 24.00 | | UG/L | 22.00 | 32.00 | 2.00 | X |
| MW-85 | W85M1A | 06/16/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 27.00 | | UG/L | 22.00 | 32.00 | 2.00 | X |
| MW-85 | W85M1A | 09/26/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 13.00 | | UG/L | 22.00 | 32.00 | 2.00 | X |
| MW-85 | W85M1A | 12/15/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 19.00 | | UG/L | 22.00 | 32.00 | 2.00 | X |
| MW-86 | W86SSA | 04/28/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.50 | J | UG/L | 1.00 | 11.00 | 2.00 | X |
| MW-86 | W86M2A | 09/27/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.00 | | UG/L | 16.00 | 26.00 | 2.00 | X |
| MW-86 | W86M2A | 11/30/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.70 | | UG/L | 16.00 | 26.00 | 2.00 | X |
| MW-87 | W87M1A | 04/28/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.50 | J | UG/L | 62.00 | 72.00 | 2.00 | X |
| MW-87 | W87M1A | 09/14/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.00 | | UG/L | 62.00 | 72.00 | 2.00 | X |
| MW-87 | W87M1A | 01/10/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.60 | | UG/L | 62.00 | 72.00 | 2.00 | X |
| MW-87 | W87M1A | 09/27/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.00 | | UG/L | 62.00 | 72.00 | 2.00 | X |
| MW-87 | W87M1A | 12/03/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.20 | | UG/L | 62.00 | 72.00 | 2.00 | X |
| MW-88 | W88M2A | 05/24/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 7.00 | | UG/L | 72.00 | 82.00 | 2.00 | X |
| MW-88 | W88M2A | 09/21/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 7.70 | | UG/L | 72.00 | 82.00 | 2.00 | X |
| MW-88 | W88M2A | 01/10/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.80 | | UG/L | 72.00 | 82.00 | 2.00 | X |
| MW-88 | W88M2A | 09/28/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.40 | | UG/L | 72.00 | 82.00 | 2.00 | X |
| MW-88 | W88M2A | 12/04/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.50 | | UG/L | 72.00 | 82.00 | 2.00 | X |
| MW-89 | W89M2A | 05/26/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 8.30 | | UG/L | 72.00 | 82.00 | 2.00 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-89 | W89M2A | 09/21/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 8.30 | | UG/L | 72.00 | 82.00 | 2.00 | X |
| MW-89 | W89M2A | 01/11/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 7.50 | | UG/L | 72.00 | 82.00 | 2.00 | X |
| MW-89 | W89M2A | 10/03/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.80 | | UG/L | 72.00 | 82.00 | 2.00 | X |
| MW-89 | W89M2D | 10/03/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.90 | | UG/L | 72.00 | 82.00 | 2.00 | X |
| MW-89 | W89M2A | 12/03/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.90 | | UG/L | 72.00 | 82.00 | 2.00 | X |
| MW-89 | W89M1A | 09/28/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.10 | | UG/L | 92.00 | 102.00 | 2.00 | X |
| MW-89 | W89M1A | 12/04/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.40 | | UG/L | 92.00 | 102.00 | 2.00 | X |
| MW-90 | W90SSA | 05/19/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.40 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-90 | W90M1A | 10/11/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.40 | | UG/L | 27.00 | 37.00 | 2.00 | X |
| MW-91 | W91SSA | 05/19/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 12.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-91 | W91SSA | 11/07/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 13.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-91 | W91SSA | 01/20/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 12.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-91 | W91SSA | 10/09/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 14.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-91 | W91SSA | 12/20/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 20.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-91 | W91M1A | 05/22/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 18.00 | | UG/L | 45.00 | 55.00 | 2.00 | X |
| MW-91 | W91M1A | 11/07/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 11.00 | | UG/L | 45.00 | 55.00 | 2.00 | X |
| MW-91 | W91M1D | 11/07/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 11.00 | | UG/L | 45.00 | 55.00 | 2.00 | X |
| MW-91 | W91M1A | 01/20/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 12.00 | | UG/L | 45.00 | 55.00 | 2.00 | X |
| MW-91 | W91M1A | 10/03/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 13.00 | J | UG/L | 45.00 | 55.00 | 2.00 | X |
| MW-91 | W91M1A | 11/29/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 10.00 | J | UG/L | 45.00 | 55.00 | 2.00 | X |
| MW-93 | W93M2A | 05/26/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.20 | | UG/L | 16.00 | 26.00 | 2.00 | X |
| MW-93 | W93M2A | 11/07/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.20 | | UG/L | 16.00 | 26.00 | 2.00 | X |
| MW-93 | W93M2A | 01/20/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.10 | J | UG/L | 16.00 | 26.00 | 2.00 | X |
| MW-93 | W93M2A | 10/03/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 9.90 | | UG/L | 16.00 | 26.00 | 2.00 | X |
| MW-93 | W93M2A | 11/28/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 12.00 | | UG/L | 16.00 | 26.00 | 2.00 | X |
| MW-93 | W93M1A | 05/26/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.20 | J | UG/L | 56.00 | 66.00 | 2.00 | X |
| MW-93 | W93M1A | 11/07/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.50 | | UG/L | 56.00 | 66.00 | 2.00 | X |
| MW-93 | W93M1A | 01/22/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.40 | J | UG/L | 56.00 | 66.00 | 2.00 | X |
| MW-93 | W93M1D | 01/22/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.40 | | UG/L | 56.00 | 66.00 | 2.00 | X |
| MW-93 | W93M1A | 10/03/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.20 | | UG/L | 56.00 | 66.00 | 2.00 | X |
| MW-93 | W93M1A | 11/28/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.80 | | UG/L | 56.00 | 66.00 | 2.00 | X |
| MW-95 | W95M1A | 05/25/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.20 | | UG/L | 78.00 | 88.00 | 2.00 | X |
| MW-95 | W95M1A | 10/01/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.20 | | UG/L | 78.00 | 88.00 | 2.00 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-95 | W95M1A | 12/15/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.20 | | UG/L | 78.00 | 88.00 | 2.00 | X |
| MW-98 | W98M1A | 05/25/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.10 | | UG/L | 26.00 | 36.00 | 2.00 | X |
| MW-99 | W99M1A | 05/25/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.90 | | UG/L | 60.00 | 70.00 | 2.00 | X |
| MW-99 | W99M1D | 05/25/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 6.90 | | UG/L | 60.00 | 70.00 | 2.00 | X |
| MW-99 | W99M1A | 09/29/2000 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.00 | | UG/L | 60.00 | 70.00 | 2.00 | X |
| MW-99 | W99M1A | 01/13/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.20 | | UG/L | 60.00 | 70.00 | 2.00 | X |
| OW-1 | WOW-1A | 11/15/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.30 | | UG/L | 0.70 | 10.70 | 2.00 | X |
| OW-1 | WOW-1A | 05/21/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.20 | | UG/L | 0.70 | 10.70 | 2.00 | X |
| OW-1 | WOW-1D | 05/21/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.50 | | UG/L | 0.70 | 10.70 | 2.00 | X |
| OW-2 | WOW-2A | 11/14/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 3.00 | | UG/L | 48.78 | 58.78 | 2.00 | X |
| OW-2 | WOW-2A | 05/21/2002 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 8.20 | | UG/L | 48.78 | 58.78 | 2.00 | X |
| OW-6 | WOW-6A | 11/14/2001 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.30 | | UG/L | 46.80 | 56.80 | 2.00 | X |
| MW-19 | W19SSA | 08/24/2001 | 8330NX | 2,4,6-TRINITROTOLUENE | 2.40 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 12/27/2001 | 8330NX | 2,4,6-TRINITROTOLUENE | 2.20 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-31 | W31SSA | 08/24/2001 | 8330NX | 2,4,6-TRINITROTOLUENE | 5.40 | | UG/L | 13.00 | 18.00 | 2.00 | X |
| MW-31 | W31SSA | 01/04/2002 | 8330NX | 2,4,6-TRINITROTOLUENE | 5.90 | | UG/L | 13.00 | 18.00 | 2.00 | X |
| MW-31 | W31SSA | 05/29/2002 | 8330NX | 2,4,6-TRINITROTOLUENE | 5.50 | | UG/L | 13.00 | 18.00 | 2.00 | X |
| 58MW0001 | 58MW0001 | 01/11/2002 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.60 | | UG/L | 3.60 | 8.60 | 2.00 | X |
| 58MW0002 | 58MW0002 | 12/14/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 15.00 | | UG/L | 4.00 | 9.00 | 2.00 | X |
| 58MW0009E | 58MW0009E | 12/11/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 13.00 | | UG/L | 6.50 | 11.50 | 2.00 | X |
| 58MW0011D | 58MW0011D | 12/11/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.10 | | UG/L | 49.50 | 54.50 | 2.00 | X |
| 58MW0016C | 58MW0016C | 12/11/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| 58MW0018B | 58MW0018B | 12/13/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.20 | | UG/L | 34.55 | 44.55 | 2.00 | X |
| MW-1 | W01SSA | 08/16/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.30 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-1 | W01SSA | 01/10/2002 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.20 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-1 | W01M2A | 08/15/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 11.00 | | UG/L | 44.00 | 49.00 | 2.00 | X |
| MW-1 | W01M2A | 11/30/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 8.90 | | UG/L | 44.00 | 49.00 | 2.00 | X |
| MW-114 | W114M2A | 05/29/2002 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 190.00 | | UG/L | 39.00 | 49.00 | 2.00 | X |
| MW-19 | W19SSA | 06/18/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 200.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 06/18/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 210.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 08/24/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 120.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 12/27/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 120.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 05/29/2002 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 120.00 | | 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
DW LIMIT = EITHER THE MCL OR LOWEST HEALTH ADVISORY CONCENTRATION (CHILD, ADULT OR LIFETIME)
>DW LIMIT = EQUALS OR EXCEEDS EITHER THE MCL OR LOWEST HEALTH ADVISORY CONCENTRATION (CHILD, ADULT, OR LIFETIME)

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-198 | W198M3A | 02/15/2002 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 15.00 | | UG/L | 78.50 | 83.50 | 2.00 | X |
| MW-23 | W23M1A | 07/30/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.30 | | UG/L | 103.00 | 113.00 | 2.00 | X |
| MW-23 | W23M1A | 12/06/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 5.30 | | UG/L | 103.00 | 113.00 | 2.00 | X |
| MW-31 | W31SSA | 08/24/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 88.00 | | UG/L | 13.00 | 18.00 | 2.00 | X |
| MW-31 | W31SSA | 01/04/2002 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 31.00 | | UG/L | 13.00 | 18.00 | 2.00 | X |
| MW-31 | W31SSA | 05/29/2002 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 130.00 | | UG/L | 13.00 | 18.00 | 2.00 | X |
| MW-31 | W31MMA | 04/22/2002 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 7.40 | | UG/L | 28.00 | 38.00 | 2.00 | X |
| MW-31 | W31MMD | 04/22/2002 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 7.20 | | UG/L | 28.00 | 38.00 | 2.00 | X |
| MW-73 | W73SSA | 01/11/2002 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 79.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-76 | W76SSA | 08/10/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 4.50 | | UG/L | 18.00 | 28.00 | 2.00 | X |
| MW-76 | W76SSA | 12/28/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 9.90 | J | UG/L | 18.00 | 28.00 | 2.00 | X |
| MW-76 | W76M2A | 08/13/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 51.00 | | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-76 | W76M2D | 08/13/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 48.00 | | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-76 | W76M2A | 01/07/2002 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 92.00 | | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-76 | W76M1A | 08/13/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 90.00 | | UG/L | 58.00 | 68.00 | 2.00 | X |
| MW-76 | W76M1A | 12/28/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 110.00 | | UG/L | 58.00 | 68.00 | 2.00 | X |
| MW-77 | W77M2A | 08/10/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 29.00 | | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-77 | W77M2A | 12/26/2001 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1 | 26.00 | | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-1 | W01SSA | 12/12/2000 | CHPPM | HEXAHYDRO-1,3,5-TRINITRO-1 | 12.00 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-1 | W01SSD | 12/12/2000 | CHPPM | HEXAHYDRO-1,3,5-TRINITRO-1 | 11.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-16 | W16SSA | 12/08/2000 | CHPPM | HEXAHYDRO-1,3,5-TRINITRO-1 | 2.50 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 12/08/2000 | CHPPM | HEXAHYDRO-1,3,5-TRINITRO-1 | 300.00 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| ASPWELL | ASPWELL | 07/20/1999 | E200.8 | LEAD | 53.00 | | UG/L | 0.00 | 0.00 | 15.00 | X |
| 16MW0001 | 16MW0001- | 05/13/2002 | E314.0 | PERCHLORATE | 2.70 | | UG/L | | | 1.50 | X |
| 27MW0031B | 27MW0031B- | 04/20/2001 | E314.0 | PERCHLORATE | 17.70 | | UG/L | | | 1.50 | X |
| 27MW0031B | 27MW0031B- | 07/05/2001 | E314.0 | PERCHLORATE | 15.10 | | UG/L | | | 1.50 | X |
| 27MW0031B | 27MW0031B- | 01/03/2002 | E314.0 | PERCHLORATE | 9.30 | | UG/L | | | 1.50 | X |
| 27MW0031B | 27MW0031B- | 03/29/2002 | E314.0 | PERCHLORATE | 7.18 | | UG/L | | | 1.50 | X |
| 27MW0031B | 27MW0031B- | 03/29/2002 | E314.0 | PERCHLORATE | 8.30 | | UG/L | | | 1.50 | X |
| 58MW0009C | 58MW0009C | 06/04/2002 | E314.0 | PERCHLORATE | 1.50 | | UG/L | 41.57 | 47.57 | 1.50 | X |
| 58MW0015A | 58MW0015A | 04/11/2002 | E314.0 | PERCHLORATE | 2.09 | | UG/L | 39.00 | 51.20 | 1.50 | X |
| 90MW0022 | 90MW0022 | 05/19/2001 | E314.0 | PERCHLORATE | 2.00 | J | UG/L | 72.79 | 77.79 | 1.50 | X |
| 90MW0022 | 90MW0022 | 09/05/2001 | E314.0 | PERCHLORATE | 2.00 | J | UG/L | 72.79 | 77.79 | 1.50 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 90MW0022 | 90MW0022 | 01/16/2002 | E314.0 | PERCHLORATE | 1.63 | J | UG/L | 72.79 | 77.79 | 1.50 | X |
| 90MW0022 | 90MW0022 | 04/15/2002 | E314.0 | PERCHLORATE | 1.90 | | UG/L | 72.79 | 77.79 | 1.50 | X |
| 90MW0054 | 90MW0054AA | 01/30/2001 | E314.0 | PERCHLORATE | 9.00 | | UG/L | 91.83 | 96.83 | 1.50 | X |
| 90MW0054 | 90MW0054AD | 01/30/2001 | E314.0 | PERCHLORATE | 10.00 | | UG/L | 91.83 | 96.83 | 1.50 | X |
| 90MW0054 | 90MW0054 | 10/24/2001 | E314.0 | PERCHLORATE | 27.80 | | UG/L | 91.83 | 96.83 | 1.50 | X |
| 90MW0054 | 90MW0054 | 12/13/2001 | E314.0 | PERCHLORATE | 32.10 | | UG/L | 91.83 | 96.83 | 1.50 | X |
| 90MW0054 | 90MW0054 | 04/20/2002 | E314.0 | PERCHLORATE | 26.30 | J | UG/L | 91.83 | 96.83 | 1.50 | X |
| MW-100 | W100M1A | 10/23/2001 | E314.0 | PERCHLORATE | 1.67 | J | UG/L | 45.00 | 55.00 | 1.50 | X |
| MW-101 | W101M1A | 01/20/2001 | E314.0 | PERCHLORATE | 3.00 | J | UG/L | 27.00 | 37.00 | 1.50 | X |
| MW-101 | W101M1A | 10/23/2001 | E314.0 | PERCHLORATE | 1.75 | J | UG/L | 27.00 | 37.00 | 1.50 | X |
| MW-101 | W101M1A | 11/27/2001 | E314.0 | PERCHLORATE | 1.72 | J | UG/L | 27.00 | 37.00 | 1.50 | X |
| MW-105 | W105M1A | 11/26/2001 | E314.0 | PERCHLORATE | 1.98 | J | UG/L | 78.00 | 88.00 | 1.50 | X |
| MW-114 | W114M2A | 12/29/2000 | E314.0 | PERCHLORATE | 300.00 | | UG/L | 39.00 | 49.00 | 1.50 | X |
| MW-114 | W114M2A | 03/14/2001 | E314.0 | PERCHLORATE | 260.00 | | UG/L | 39.00 | 49.00 | 1.50 | X |
| MW-114 | W114M2A | 06/19/2001 | E314.0 | PERCHLORATE | 207.00 | | UG/L | 39.00 | 49.00 | 1.50 | X |
| MW-114 | W114M2A | 01/10/2002 | E314.0 | PERCHLORATE | 127.00 | | UG/L | 39.00 | 49.00 | 1.50 | X |
| MW-114 | W114M2A | 05/29/2002 | E314.0 | PERCHLORATE | 72.00 | | UG/L | 39.00 | 49.00 | 1.50 | X |
| MW-114 | W114M1A | 12/28/2000 | E314.0 | PERCHLORATE | 11.00 | | UG/L | 96.00 | 106.00 | 1.50 | X |
| MW-114 | W114M1A | 03/14/2001 | E314.0 | PERCHLORATE | 13.00 | | UG/L | 96.00 | 106.00 | 1.50 | X |
| MW-114 | W114M1A | 06/18/2001 | E314.0 | PERCHLORATE | 10.00 | | UG/L | 96.00 | 106.00 | 1.50 | X |
| MW-114 | W114M1A | 12/21/2001 | E314.0 | PERCHLORATE | 22.10 | | UG/L | 96.00 | 106.00 | 1.50 | X |
| MW-114 | W114M1A | 06/21/2002 | E314.0 | PERCHLORATE | 12.00 | | UG/L | 96.00 | 106.00 | 1.50 | X |
| MW-125 | W125M1A | 02/20/2001 | E314.0 | PERCHLORATE | 3.00 | J | UG/L | 182.00 | 192.00 | 1.50 | X |
| MW-127 | W127SSA | 02/14/2001 | E314.0 | PERCHLORATE | 4.00 | J | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-128 | W128SSA | 02/14/2001 | E314.0 | PERCHLORATE | 3.00 | J | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-129 | W129M2A | 03/14/2001 | E314.0 | PERCHLORATE | 6.00 | | UG/L | 46.00 | 56.00 | 1.50 | X |
| MW-129 | W129M2A | 06/20/2001 | E314.0 | PERCHLORATE | 8.00 | | UG/L | 46.00 | 56.00 | 1.50 | X |
| MW-129 | W129M2A | 12/21/2001 | E314.0 | PERCHLORATE | 6.93 | J | UG/L | 46.00 | 56.00 | 1.50 | X |
| MW-129 | W129M1A | 01/02/2001 | E314.0 | PERCHLORATE | 10.00 | | UG/L | 66.00 | 76.00 | 1.50 | X |
| MW-129 | W129M1A | 03/14/2001 | E314.0 | PERCHLORATE | 9.00 | | UG/L | 66.00 | 76.00 | 1.50 | X |
| MW-129 | W129M1A | 06/19/2001 | E314.0 | PERCHLORATE | 6.00 | | UG/L | 66.00 | 76.00 | 1.50 | X |
| MW-129 | W129M1A | 12/21/2001 | E314.0 | PERCHLORATE | 5.92 | J | UG/L | 66.00 | 76.00 | 1.50 | X |
| MW-129 | W129M1A | 04/12/2002 | E314.0 | PERCHLORATE | 4.63 | | UG/L | 66.00 | 76.00 | 1.50 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-130 | W130SSA | 02/14/2001 | E314.0 | PERCHLORATE | 3.00 | J | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-130 | W130SSA | 06/14/2001 | E314.0 | PERCHLORATE | 3.00 | J | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-130 | W130SSD | 06/14/2001 | E314.0 | PERCHLORATE | 3.00 | J | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-130 | W130SSA | 12/13/2001 | E314.0 | PERCHLORATE | 4.21 | | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-130 | W130SSD | 12/13/2001 | E314.0 | PERCHLORATE | 4.10 | | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-132 | W132SSA | 11/09/2000 | E314.0 | PERCHLORATE | 39.00 | J | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-132 | W132SSA | 02/16/2001 | E314.0 | PERCHLORATE | 65.00 | | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-132 | W132SSA | 06/15/2001 | E314.0 | PERCHLORATE | 75.00 | | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-132 | W132SSA | 12/12/2001 | E314.0 | PERCHLORATE | 27.40 | | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-132 | W132SSA | 06/28/2002 | E314.0 | PERCHLORATE | 28.00 | | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-139 | W139M2A | 12/29/2000 | E314.0 | PERCHLORATE | 8.00 | | UG/L | 70.00 | 80.00 | 1.50 | X |
| MW-139 | W139M2A | 03/15/2001 | E314.0 | PERCHLORATE | 11.00 | J | UG/L | 70.00 | 80.00 | 1.50 | X |
| MW-139 | W139M2A | 06/20/2001 | E314.0 | PERCHLORATE | 3.00 | J | UG/L | 70.00 | 80.00 | 1.50 | X |
| MW-139 | W139M2A | 04/17/2002 | E314.0 | PERCHLORATE | 2.77 | | UG/L | 70.00 | 80.00 | 1.50 | X |
| MW-139 | W139M1A | 04/17/2002 | E314.0 | PERCHLORATE | 1.86 | | UG/L | 110.00 | 120.00 | 1.50 | X |
| MW-158 | W158SSA | 06/12/2001 | E314.0 | PERCHLORATE | 2.00 | J | UG/L | 2.00 | 12.00 | 1.50 | X |
| MW-158 | W158M2A | 01/16/2002 | E314.0 | PERCHLORATE | 1.61 | J | UG/L | 37.00 | 47.00 | 1.50 | X |
| MW-162 | W162M2A | 01/18/2002 | E314.0 | PERCHLORATE | 1.55 | J | UG/L | 49.29 | 59.29 | 1.50 | X |
| MW-163 | W163SSA | 06/14/2001 | E314.0 | PERCHLORATE | 67.00 | | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-163 | W163SSA | 10/10/2001 | E314.0 | PERCHLORATE | 39.60 | | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-163 | W163SSA | 02/05/2002 | E314.0 | PERCHLORATE | 17.90 | | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-163 | W163SSA | 03/07/2002 | E314.0 | PERCHLORATE | 33.10 | | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-165 | W165M2A | 05/08/2001 | E314.0 | PERCHLORATE | 122.00 | J | UG/L | 46.00 | 56.00 | 1.50 | X |
| MW-165 | W165M2A | 08/16/2001 | E314.0 | PERCHLORATE | 102.00 | | UG/L | 46.00 | 56.00 | 1.50 | X |
| MW-165 | W165M2A | 01/10/2002 | E314.0 | PERCHLORATE | 81.20 | | UG/L | 46.00 | 56.00 | 1.50 | X |
| MW-165 | W165M2A | 04/18/2002 | E314.0 | PERCHLORATE | 83.50 | | UG/L | 46.00 | 56.00 | 1.50 | X |
| MW-166 | W166M3A | 10/04/2001 | E314.0 | PERCHLORATE | 1.50 | J | UG/L | 19.00 | 29.00 | 1.50 | X |
| MW-166 | W166M3A | 01/17/2002 | E314.0 | PERCHLORATE | 1.82 | J | UG/L | 19.00 | 29.00 | 1.50 | X |
| MW-172 | W172M2A | 06/21/2001 | E314.0 | PERCHLORATE | 3.00 | J | UG/L | 104.00 | 114.00 | 1.50 | X |
| MW-172 | W172M2A | 09/21/2001 | E314.0 | PERCHLORATE | 3.94 | J | UG/L | 104.00 | 114.00 | 1.50 | X |
| MW-172 | W172M2A | 02/08/2002 | E314.0 | PERCHLORATE | 5.45 | | UG/L | 104.00 | 114.00 | 1.50 | X |
| MW-19 | W19SSA | 08/08/2000 | E314.0 | PERCHLORATE | 5.00 | J | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-19 | W19SSA | 12/08/2000 | E314.0 | PERCHLORATE | 12.00 | | UG/L | 0.00 | 10.00 | 1.50 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-19 | W19SSA | 06/18/2001 | E314.0 | PERCHLORATE | 41.00 | | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-19 | W19SSA | 08/24/2001 | E314.0 | PERCHLORATE | 8.49 | | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-19 | W19SSA | 12/27/2001 | E314.0 | PERCHLORATE | 18.60 | J | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-19 | W19SSA | 05/29/2002 | E314.0 | PERCHLORATE | 5.20 | | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-193 | W193M1D | 02/20/2002 | E314.0 | PERCHLORATE | 7.30 | | UG/L | 0.00 | 0.00 | 1.50 | X |
| MW-193 | W193M1A | 02/20/2002 | E314.0 | PERCHLORATE | 7.02 | | UG/L | 23.80 | 28.80 | 1.50 | X |
| MW-197 | W197M3A | 02/12/2002 | E314.0 | PERCHLORATE | 34.10 | | UG/L | 39.40 | 44.40 | 1.50 | X |
| MW-198 | W198M4A | 02/21/2002 | E314.0 | PERCHLORATE | 311.00 | | UG/L | 48.40 | 53.40 | 1.50 | X |
| MW-198 | W198M3A | 02/15/2002 | E314.0 | PERCHLORATE | 40.90 | | UG/L | 78.50 | 83.50 | 1.50 | X |
| MW-210 | W210M2A | 06/06/2002 | E314.0 | PERCHLORATE | 12.00 | | UG/L | 54.69 | 64.69 | 1.50 | X |
| MW-210 | W210M2D | 06/06/2002 | E314.0 | PERCHLORATE | 11.00 | | UG/L | 54.69 | 64.69 | 1.50 | X |
| MW-211 | W211M2A | 06/06/2002 | E314.0 | PERCHLORATE | 3.00 | | UG/L | 29.70 | 39.70 | 1.50 | X |
| MW-31 | W31SSA | 08/09/2000 | E314.0 | PERCHLORATE | 40.00 | J | UG/L | 13.00 | 18.00 | 1.50 | X |
| MW-31 | W31SSA | 12/08/2000 | E314.0 | PERCHLORATE | 30.00 | | UG/L | 13.00 | 18.00 | 1.50 | X |
| MW-31 | W31SSA | 05/02/2001 | E314.0 | PERCHLORATE | 20.00 | J | UG/L | 13.00 | 18.00 | 1.50 | X |
| MW-31 | W31SSA | 08/24/2001 | E314.0 | PERCHLORATE | 16.20 | | UG/L | 13.00 | 18.00 | 1.50 | X |
| MW-31 | W31SSA | 01/04/2002 | E314.0 | PERCHLORATE | 12.50 | | UG/L | 13.00 | 18.00 | 1.50 | X |
| MW-31 | W31SSA | 05/29/2002 | E314.0 | PERCHLORATE | 12.00 | | UG/L | 13.00 | 18.00 | 1.50 | X |
| MW-31 | W31M1A | 08/09/2000 | E314.0 | PERCHLORATE | 50.00 | J | UG/L | 28.00 | 38.00 | 1.50 | X |
| MW-31 | W31MMA | 05/23/2001 | E314.0 | PERCHLORATE | 19.00 | | UG/L | 28.00 | 38.00 | 1.50 | X |
| MW-31 | W31MMA | 01/04/2002 | E314.0 | PERCHLORATE | 1.66 | J | UG/L | 28.00 | 38.00 | 1.50 | X |
| MW-31 | W31MMA | 04/22/2002 | E314.0 | PERCHLORATE | 2.98 | J | UG/L | 28.00 | 38.00 | 1.50 | X |
| MW-31 | W31MMD | 04/22/2002 | E314.0 | PERCHLORATE | 3.04 | J | UG/L | 28.00 | 38.00 | 1.50 | X |
| MW-32 | W32MMA | 04/22/2002 | E314.0 | PERCHLORATE | 1.97 | | UG/L | 65.00 | 75.00 | 1.50 | X |
| MW-33 | W33SSA | 04/23/2002 | E314.0 | PERCHLORATE | 1.72 | | UG/L | 50.00 | 55.00 | 1.50 | X |
| MW-33 | W33MMA | 04/23/2002 | E314.0 | PERCHLORATE | 1.72 | | UG/L | 65.00 | 75.00 | 1.50 | X |
| MW-33 | W33DDA | 12/26/2001 | E314.0 | PERCHLORATE | 1.54 | J | UG/L | 85.00 | 90.00 | 1.50 | X |
| MW-33 | W33DDA | 04/23/2002 | E314.0 | PERCHLORATE | 2.02 | | UG/L | 85.00 | 90.00 | 1.50 | X |
| MW-34 | W34M2A | 08/10/2000 | E314.0 | PERCHLORATE | 60.00 | J | UG/L | 53.00 | 63.00 | 1.50 | X |
| MW-34 | W34M2A | 12/18/2000 | E314.0 | PERCHLORATE | 34.00 | | UG/L | 53.00 | 63.00 | 1.50 | X |
| MW-34 | W34M2A | 05/01/2001 | E314.0 | PERCHLORATE | 28.00 | J | UG/L | 53.00 | 63.00 | 1.50 | X |
| MW-34 | W34M2A | 07/30/2001 | E314.0 | PERCHLORATE | 16.20 | | UG/L | 53.00 | 63.00 | 1.50 | X |
| MW-34 | W34M2A | 12/26/2001 | E314.0 | PERCHLORATE | 5.85 | J | UG/L | 53.00 | 63.00 | 1.50 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-34 | W34M2A | 04/24/2002 | E314.0 | PERCHLORATE | 19.60 | | UG/L | 53.00 | 63.00 | 1.50 | X |
| MW-34 | W34M1A | 12/18/2000 | E314.0 | PERCHLORATE | 109.00 | | UG/L | 73.00 | 83.00 | 1.50 | X |
| MW-34 | W34M1A | 05/05/2001 | E314.0 | PERCHLORATE | 46.00 | | UG/L | 73.00 | 83.00 | 1.50 | X |
| MW-34 | W34M1A | 07/31/2001 | E314.0 | PERCHLORATE | 30.80 | | UG/L | 73.00 | 83.00 | 1.50 | X |
| MW-34 | W34M1D | 07/31/2001 | E314.0 | PERCHLORATE | 31.40 | | UG/L | 73.00 | 83.00 | 1.50 | X |
| MW-34 | W34M1A | 12/26/2001 | E314.0 | PERCHLORATE | 17.70 | | UG/L | 73.00 | 83.00 | 1.50 | X |
| MW-34 | W34M1A | 04/24/2002 | E314.0 | PERCHLORATE | 7.90 | | UG/L | 73.00 | 83.00 | 1.50 | X |
| MW-35 | W35M1A | 05/04/2001 | E314.0 | PERCHLORATE | 4.00 | J | UG/L | 68.00 | 78.00 | 1.50 | X |
| MW-35 | W35M1A | 08/03/2001 | E314.0 | PERCHLORATE | 5.40 | | UG/L | 68.00 | 78.00 | 1.50 | X |
| MW-35 | W35M1A | 12/21/2001 | E314.0 | PERCHLORATE | 6.34 | J | UG/L | 68.00 | 78.00 | 1.50 | X |
| MW-35 | W35M1A | 04/24/2002 | E314.0 | PERCHLORATE | 6.44 | J | UG/L | 68.00 | 78.00 | 1.50 | X |
| MW-36 | W36M2A | 01/08/2002 | E314.0 | PERCHLORATE | 1.86 | J | UG/L | 54.00 | 64.00 | 1.50 | X |
| MW-36 | W36M2D | 01/08/2002 | E314.0 | PERCHLORATE | 2.16 | | UG/L | 54.00 | 64.00 | 1.50 | X |
| MW-36 | W36M2A | 04/24/2002 | E314.0 | PERCHLORATE | 3.44 | | UG/L | 54.00 | 64.00 | 1.50 | X |
| MW-66 | W66SSA | 08/13/2001 | E314.0 | PERCHLORATE | 1.90 | J | UG/L | 7.00 | 17.00 | 1.50 | X |
| MW-66 | W66SSA | 09/21/2001 | E314.0 | PERCHLORATE | 2.20 | J | UG/L | 7.00 | 17.00 | 1.50 | X |
| MW-73 | W73SSD | 12/19/2000 | E314.0 | PERCHLORATE | 6.00 | | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-73 | W73SSA | 06/14/2001 | E314.0 | PERCHLORATE | 10.00 | | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-73 | W73SSA | 01/11/2002 | E314.0 | PERCHLORATE | 3.30 | | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-75 | W75M2A | 05/09/2001 | E314.0 | PERCHLORATE | 9.00 | J | UG/L | 34.00 | 44.00 | 1.50 | X |
| MW-75 | W75M2D | 05/09/2001 | E314.0 | PERCHLORATE | 9.00 | J | UG/L | 34.00 | 44.00 | 1.50 | X |
| MW-75 | W75M2A | 08/09/2001 | E314.0 | PERCHLORATE | 6.24 | | UG/L | 34.00 | 44.00 | 1.50 | X |
| MW-75 | W75M2A | 01/07/2002 | E314.0 | PERCHLORATE | 4.08 | | UG/L | 34.00 | 44.00 | 1.50 | X |
| MW-75 | W75M2A | 04/25/2002 | E314.0 | PERCHLORATE | 4.89 | | UG/L | 34.00 | 44.00 | 1.50 | X |
| MW-76 | W76SSA | 12/07/2000 | E314.0 | PERCHLORATE | 5.00 | | UG/L | 18.00 | 28.00 | 1.50 | X |
| MW-76 | W76SSA | 05/07/2001 | E314.0 | PERCHLORATE | 7.00 | | UG/L | 18.00 | 28.00 | 1.50 | X |
| MW-76 | W76SSA | 08/10/2001 | E314.0 | PERCHLORATE | 13.30 | | UG/L | 18.00 | 28.00 | 1.50 | X |
| MW-76 | W76SSA | 12/28/2001 | E314.0 | PERCHLORATE | 41.20 | | UG/L | 18.00 | 28.00 | 1.50 | X |
| MW-76 | W76SSA | 04/24/2002 | E314.0 | PERCHLORATE | 175.00 | | UG/L | 18.00 | 28.00 | 1.50 | X |
| MW-76 | W76M2A | 12/06/2000 | E314.0 | PERCHLORATE | 11.00 | | UG/L | 38.00 | 48.00 | 1.50 | X |
| MW-76 | W76M2A | 05/07/2001 | E314.0 | PERCHLORATE | 17.00 | | UG/L | 38.00 | 48.00 | 1.50 | X |
| MW-76 | W76M2A | 08/13/2001 | E314.0 | PERCHLORATE | 22.10 | | UG/L | 38.00 | 48.00 | 1.50 | X |
| MW-76 | W76M2D | 08/13/2001 | E314.0 | PERCHLORATE | 22.50 | | UG/L | 38.00 | 48.00 | 1.50 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-76 | W76M2A | 01/07/2002 | E314.0 | PERCHLORATE | 126.00 | | UG/L | 38.00 | 48.00 | 1.50 | X |
| MW-76 | W76M2A | 04/24/2002 | E314.0 | PERCHLORATE | 174.00 | | UG/L | 38.00 | 48.00 | 1.50 | X |
| MW-76 | W76M1A | 05/07/2001 | E314.0 | PERCHLORATE | 8.00 | | UG/L | 58.00 | 68.00 | 1.50 | X |
| MW-76 | W76M1A | 08/13/2001 | E314.0 | PERCHLORATE | 16.00 | | UG/L | 58.00 | 68.00 | 1.50 | X |
| MW-76 | W76M1A | 12/28/2001 | E314.0 | PERCHLORATE | 30.60 | | UG/L | 58.00 | 68.00 | 1.50 | X |
| MW-76 | W76M1A | 04/24/2002 | E314.0 | PERCHLORATE | 15.30 | | UG/L | 58.00 | 68.00 | 1.50 | X |
| MW-77 | W77M2A | 12/06/2000 | E314.0 | PERCHLORATE | 28.00 | | UG/L | 38.00 | 48.00 | 1.50 | X |
| MW-77 | W77M2A | 05/10/2001 | E314.0 | PERCHLORATE | 16.00 | J | UG/L | 38.00 | 48.00 | 1.50 | X |
| MW-77 | W77M2A | 08/10/2001 | E314.0 | PERCHLORATE | 13.90 | | UG/L | 38.00 | 48.00 | 1.50 | X |
| MW-77 | W77M2A | 12/26/2001 | E314.0 | PERCHLORATE | 12.30 | | UG/L | 38.00 | 48.00 | 1.50 | X |
| MW-77 | W77M2A | 04/24/2002 | E314.0 | PERCHLORATE | 8.01 | | UG/L | 38.00 | 48.00 | 1.50 | X |
| MW-78 | W78M2A | 12/06/2000 | E314.0 | PERCHLORATE | 19.00 | | UG/L | 38.00 | 48.00 | 1.50 | X |
| MW-78 | W78M2A | 05/10/2001 | E314.0 | PERCHLORATE | 9.00 | J | UG/L | 38.00 | 48.00 | 1.50 | X |
| MW-78 | W78M2A | 08/15/2001 | E314.0 | PERCHLORATE | 11.40 | | UG/L | 38.00 | 48.00 | 1.50 | X |
| MW-78 | W78M2A | 12/28/2001 | E314.0 | PERCHLORATE | 4.43 | | UG/L | 38.00 | 48.00 | 1.50 | X |
| MW-78 | W78M2A | 04/25/2002 | E314.0 | PERCHLORATE | 4.75 | | UG/L | 38.00 | 48.00 | 1.50 | X |
| MW-78 | W78M1A | 04/25/2002 | E314.0 | PERCHLORATE | 2.07 | | UG/L | 58.00 | 68.00 | 1.50 | X |
| MW-80 | W80M1A | 08/20/2001 | E314.0 | PERCHLORATE | 1.70 | J | UG/L | 86.00 | 96.00 | 1.50 | X |
| MW-80 | W80M1A | 10/10/2001 | E314.0 | PERCHLORATE | 1.50 | J | UG/L | 86.00 | 96.00 | 1.50 | X |
| MW-80 | W80M1A | 12/20/2001 | E314.0 | PERCHLORATE | 1.63 | J | UG/L | 86.00 | 96.00 | 1.50 | X |
| MW-80 | W80M1A | 04/04/2002 | E314.0 | PERCHLORATE | 2.26 | J | UG/L | 86.00 | 96.00 | 1.50 | X |
| MW-80 | W80M1D | 06/08/2002 | E314.0 | PERCHLORATE | 1.57 | | UG/L | 86.00 | 96.00 | 1.50 | X |
| MW-80 | W80M1A | 07/15/2002 | E314.0 | PERCHLORATE | 1.55 | | UG/L | 86.00 | 96.00 | 1.50 | X |
| MW-91 | W91SSA | 01/20/2001 | E314.0 | PERCHLORATE | 5.00 | J | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-91 | W91SSA | 10/09/2001 | E314.0 | PERCHLORATE | 3.22 | J | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-91 | W91SSA | 12/20/2001 | E314.0 | PERCHLORATE | 3.83 | J | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-91 | W91SSA | 05/20/2002 | E314.0 | PERCHLORATE | 4.00 | | UG/L | 0.00 | 10.00 | 1.50 | X |
| MW-91 | W91M1A | 10/03/2001 | E314.0 | PERCHLORATE | 1.50 | J | UG/L | 45.00 | 55.00 | 1.50 | X |
| MW-91 | W91M1A | 11/29/2001 | E314.0 | PERCHLORATE | 1.62 | J | UG/L | 45.00 | 55.00 | 1.50 | X |
| MW-93 | W93M2A | 01/20/2001 | E314.0 | PERCHLORATE | 2.00 | J | UG/L | 16.00 | 26.00 | 1.50 | X |
| MW-93 | W93M1A | 01/20/2001 | E314.0 | PERCHLORATE | 3.00 | J | UG/L | 56.00 | 66.00 | 1.50 | X |
| MW-93 | W93M1D | 01/20/2001 | E314.0 | PERCHLORATE | 2.00 | J | UG/L | 56.00 | 66.00 | 1.50 | X |
| MW-93 | W93M1A | 10/03/2001 | E314.0 | PERCHLORATE | 1.80 | J | UG/L | 56.00 | 66.00 | 1.50 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-99 | W99M1A | 11/28/2001 | E314.0 | PERCHLORATE | 1.51 | J | UG/L | 60.00 | 70.00 | 1.50 | X |
| OW-1 | WOW-1A | 11/15/2001 | E314.0 | PERCHLORATE | 2.92 | | UG/L | 0.70 | 10.70 | 1.50 | X |
| OW-1 | WOW-1A | 05/21/2002 | E314.0 | PERCHLORATE | 2.07 | J | UG/L | 0.70 | 10.70 | 1.50 | X |
| OW-1 | WOW-1D | 05/21/2002 | E314.0 | PERCHLORATE | 2.15 | J | UG/L | 0.70 | 10.70 | 1.50 | X |
| OW-2 | WOW-2A | 05/21/2002 | E314.0 | PERCHLORATE | 1.67 | J | UG/L | 48.78 | 58.78 | 1.50 | X |
| MW-16 | W16SSA | 11/17/1997 | IM40 | SODIUM | 20,900.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| MW-16 | W16SSL | 11/17/1997 | IM40 | SODIUM | 20,400.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| MW-2 | W02DDA | 11/19/1997 | IM40 | SODIUM | 21,500.00 | | UG/L | 218.00 | 223.00 | 20,000.00 | X |
| MW-2 | W02DDL | 11/19/1997 | IM40 | SODIUM | 22,600.00 | | UG/L | 218.00 | 223.00 | 20,000.00 | X |
| MW-21 | W21SSA | 10/24/1997 | IM40 | SODIUM | 24,000.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| MW-21 | W21SSL | 10/24/1997 | IM40 | SODIUM | 24,200.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| MW-21 | W21SSA | 10/24/1997 | IM40 | THALLIUM | 6.90 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| 95-15 | W9515A | 10/17/1997 | IM40 | ZINC | 7,210.00 | | UG/L | 80.00 | 92.00 | 2,000.00 | X |
| 95-15 | W9515L | 10/17/1997 | IM40 | ZINC | 4,620.00 | | UG/L | 80.00 | 92.00 | 2,000.00 | X |
| LRMW0003 | WL31XA | 10/21/1997 | IM40 | ZINC | 2,480.00 | | UG/L | 102.00 | 117.00 | 2,000.00 | X |
| LRMW0003 | WL31XL | 10/21/1997 | IM40 | ZINC | 2,410.00 | | UG/L | 102.00 | 117.00 | 2,000.00 | X |
| LRWS4-1 | WL41XA | 11/24/1997 | IM40 | ZINC | 3,220.00 | | UG/L | 66.00 | 91.00 | 2,000.00 | X |
| LRWS4-1 | WL41XL | 11/24/1997 | IM40 | ZINC | 3,060.00 | | UG/L | 66.00 | 91.00 | 2,000.00 | X |
| LRWS5-1 | WL51DL | 11/25/1997 | IM40 | ZINC | 4,410.00 | | UG/L | 66.00 | 91.00 | 2,000.00 | X |
| LRWS5-1 | WL51XA | 11/25/1997 | IM40 | ZINC | 4,510.00 | | UG/L | 66.00 | 91.00 | 2,000.00 | X |
| LRWS5-1 | WL51XD | 11/25/1997 | IM40 | ZINC | 4,390.00 | | UG/L | 66.00 | 91.00 | 2,000.00 | X |
| LRWS5-1 | WL51XL | 11/25/1997 | IM40 | ZINC | 3,900.00 | | UG/L | 66.00 | 91.00 | 2,000.00 | X |
| LRWS6-1 | WL61XA | 11/17/1997 | IM40 | ZINC | 3,480.00 | | UG/L | 184.00 | 199.00 | 2,000.00 | X |
| LRWS6-1 | WL61XL | 11/17/1997 | IM40 | ZINC | 2,600.00 | | UG/L | 184.00 | 199.00 | 2,000.00 | X |
| LRWS7-1 | WL71XA | 11/21/1997 | IM40 | ZINC | 4,320.00 | | UG/L | 186.00 | 201.00 | 2,000.00 | X |
| LRWS7-1 | WL71XL | 11/21/1997 | IM40 | ZINC | 3,750.00 | | UG/L | 186.00 | 201.00 | 2,000.00 | X |
| MW-1 | W01SSA | 09/07/1999 | IM40MB | ANTIMONY | 6.70 | J | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-187 | W187DDX | 01/23/2002 | IM40MB | ANTIMONY | 6.00 | J | UG/L | 199.50 | 209.50 | 6.00 | X |
| MW-3 | W03DDL | 03/06/1998 | IM40MB | ANTIMONY | 13.80 | J | UG/L | 219.00 | 224.00 | 6.00 | X |
| MW-34 | W34M2A | 08/16/1999 | IM40MB | ANTIMONY | 6.60 | J | UG/L | 53.00 | 63.00 | 6.00 | X |
| MW-35 | W35SSA | 08/19/1999 | IM40MB | ANTIMONY | 6.90 | J | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-35 | W35SSD | 08/19/1999 | IM40MB | ANTIMONY | 13.80 | J | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-36 | W36SSA | 08/17/1999 | IM40MB | ANTIMONY | 6.70 | J | UG/L | 0.00 | 10.00 | 6.00 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-38 | W38SSA | 08/18/1999 | IM40MB | ANTIMONY | 7.40 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-38 | W38M3A | 08/18/1999 | IM40MB | ANTIMONY | 6.60 | J | UG/L | 52.00 | 62.00 | 6.00 | X |
| MW-38 | W38DDA | 08/17/1999 | IM40MB | ANTIMONY | 6.90 | J | UG/L | 124.00 | 134.00 | 6.00 | X |
| MW-39 | W39M1A | 08/18/1999 | IM40MB | ANTIMONY | 7.50 | | UG/L | 84.00 | 94.00 | 6.00 | X |
| MW-50 | W50M1A | 05/15/2000 | IM40MB | ANTIMONY | 9.50 | | UG/L | 89.00 | 99.00 | 6.00 | X |
| PPAWSMW-3 | PPAWSMW-3 | 08/12/1999 | IM40MB | ANTIMONY | 6.00 | J | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-7 | W07M1A | 09/07/1999 | IM40MB | ARSENIC | 52.80 | | UG/L | 135.00 | 140.00 | 50.00 | X |
| MW-52 | W52M3L | 08/27/1999 | IM40MB | CADMIUM | 12.20 | | UG/L | 59.00 | 64.00 | 5.00 | X |
| MW-7 | W07M1A | 09/07/1999 | IM40MB | CHROMIUM, TOTAL | 114.00 | | UG/L | 135.00 | 140.00 | 100.00 | X |
| ASPWELL | ASPWELL | 05/24/2001 | IM40MB | LEAD | 30.40 | | UG/L | 0.00 | 0.00 | 15.00 | X |
| MW-2 | W02SSA | 02/23/1998 | IM40MB | LEAD | 20.10 | | UG/L | 0.00 | 10.00 | 15.00 | X |
| MW-45 | W45SSA | 08/23/2001 | IM40MB | LEAD | 42.20 | | UG/L | 0.00 | 10.00 | 15.00 | X |
| MW-45 | W45SSA | 12/14/2001 | IM40MB | LEAD | 42.80 | | UG/L | 0.00 | 10.00 | 15.00 | X |
| MW-7 | W07M1A | 09/07/1999 | IM40MB | LEAD | 40.20 | | UG/L | 135.00 | 140.00 | 15.00 | X |
| MW-7 | W07M1D | 09/07/1999 | IM40MB | LEAD | 18.30 | | UG/L | 135.00 | 140.00 | 15.00 | X |
| MW-2 | W02SSA | 02/23/1998 | IM40MB | MOLYBDENUM | 72.10 | | UG/L | 0.00 | 10.00 | 40.00 | X |
| MW-2 | W02SSL | 02/23/1998 | IM40MB | MOLYBDENUM | 63.30 | | UG/L | 0.00 | 10.00 | 40.00 | X |
| MW-46 | W46M2A | 03/30/1999 | IM40MB | MOLYBDENUM | 48.90 | | UG/L | 56.00 | 66.00 | 40.00 | X |
| MW-46 | W46M2L | 03/30/1999 | IM40MB | MOLYBDENUM | 51.00 | | UG/L | 56.00 | 66.00 | 40.00 | X |
| MW-47 | W47M3A | 03/29/1999 | IM40MB | MOLYBDENUM | 43.10 | | UG/L | 21.00 | 31.00 | 40.00 | X |
| MW-47 | W47M3L | 03/29/1999 | IM40MB | MOLYBDENUM | 40.50 | | UG/L | 21.00 | 31.00 | 40.00 | X |
| MW-52 | W52M3A | 04/07/1999 | IM40MB | MOLYBDENUM | 72.60 | | UG/L | 59.00 | 64.00 | 40.00 | X |
| MW-52 | W52M3L | 04/07/1999 | IM40MB | MOLYBDENUM | 67.60 | | UG/L | 59.00 | 64.00 | 40.00 | X |
| MW-52 | W52DDA | 04/02/1999 | IM40MB | MOLYBDENUM | 51.10 | | UG/L | 218.00 | 228.00 | 40.00 | X |
| MW-52 | W52DDL | 04/02/1999 | IM40MB | MOLYBDENUM | 48.90 | | UG/L | 218.00 | 228.00 | 40.00 | X |
| MW-53 | W53M1A | 05/03/1999 | IM40MB | MOLYBDENUM | 122.00 | | UG/L | 99.00 | 109.00 | 40.00 | X |
| MW-53 | W53M1L | 05/03/1999 | IM40MB | MOLYBDENUM | 132.00 | | UG/L | 99.00 | 109.00 | 40.00 | X |
| MW-53 | W53M1A | 08/30/1999 | IM40MB | MOLYBDENUM | 55.20 | | UG/L | 99.00 | 109.00 | 40.00 | X |
| MW-53 | W53M1L | 08/30/1999 | IM40MB | MOLYBDENUM | 54.10 | | UG/L | 99.00 | 109.00 | 40.00 | X |
| MW-53 | W53M1A | 11/05/1999 | IM40MB | MOLYBDENUM | 41.20 | | UG/L | 99.00 | 109.00 | 40.00 | X |
| MW-54 | W54SSA | 04/30/1999 | IM40MB | MOLYBDENUM | 56.70 | | UG/L | 0.00 | 10.00 | 40.00 | X |
| MW-54 | W54SSL | 04/30/1999 | IM40MB | MOLYBDENUM | 66.20 | | UG/L | 0.00 | 10.00 | 40.00 | X |
| MW-54 | W54SSA | 08/27/1999 | IM40MB | MOLYBDENUM | 61.40 | | UG/L | 0.00 | 10.00 | 40.00 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-54 | W54M2A | 08/27/1999 | IM40MB | MOLYBDENUM | 43.70 | | UG/L | 59.00 | 69.00 | 40.00 | X |
| MW-54 | W54M2L | 08/27/1999 | IM40MB | MOLYBDENUM | 43.20 | | UG/L | 59.00 | 69.00 | 40.00 | X |
| 15MW0002 | 15MW0002 | 04/08/1999 | IM40MB | SODIUM | 37,600.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| 90WT0010 | 90WT0010 | 06/05/2000 | IM40MB | SODIUM | 23,600.00 | | UG/L | 2.00 | 12.00 | 20,000.00 | X |
| 90WT0010 | 90WT0010-L | 06/05/2000 | IM40MB | SODIUM | 24,200.00 | | UG/L | 2.00 | 12.00 | 20,000.00 | X |
| 90WT0015 | 90WT0015 | 04/23/1999 | IM40MB | SODIUM | 34,300.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| ASPWELL | ASPWELL | 09/27/2001 | IM40MB | SODIUM | 22,600.00 | | UG/L | | | 20,000.00 | X |
| ASPWELL | ASPWELL | 12/19/2001 | IM40MB | SODIUM | 28,500.00 | | UG/L | | | 20,000.00 | X |
| ASPWELL | ASPWELL | 05/24/2001 | IM40MB | SODIUM | 24,900.00 | | UG/L | 0.00 | 0.00 | 20,000.00 | X |
| MW-144 | W144SSA | 06/18/2001 | IM40MB | SODIUM | 77,200.00 | | UG/L | 5.00 | 15.00 | 20,000.00 | X |
| MW-145 | W145SSA | 02/12/2001 | IM40MB | SODIUM | 37,000.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| MW-145 | W145SSA | 06/20/2001 | IM40MB | SODIUM | 73,600.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| MW-148 | W148SSA | 10/18/2001 | IM40MB | SODIUM | 23,500.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| MW-187 | W187DDA | 01/23/2002 | IM40MB | SODIUM | 25,300.00 | | UG/L | 199.50 | 209.50 | 20,000.00 | X |
| MW-187 | W187DDX | 01/23/2002 | IM40MB | SODIUM | 25,200.00 | | UG/L | 199.50 | 209.50 | 20,000.00 | X |
| MW-2 | W02SSA | 02/23/1998 | IM40MB | SODIUM | 27,200.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| MW-2 | W02SSL | 02/23/1998 | IM40MB | SODIUM | 26,300.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| MW-2 | W02SSA | 02/01/1999 | IM40MB | SODIUM | 20,300.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| MW-2 | W02SSL | 02/01/1999 | IM40MB | SODIUM | 20,100.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| MW-21 | W21SSA | 11/15/2000 | IM40MB | SODIUM | 22,500.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| MW-21 | W21SSA | 12/20/2001 | IM40MB | SODIUM | 26,400.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| MW-46 | W46SSA | 08/25/1999 | IM40MB | SODIUM | 20,600.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| MW-46 | W46SSA | 06/15/2000 | IM40MB | SODIUM | 32,200.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| MW-46 | W46SSA | 09/12/2000 | IM40MB | SODIUM | 31,300.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| MW-46 | W46SSA | 11/17/2000 | IM40MB | SODIUM | 22,500.00 | J | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| MW-46 | W46M2A | 03/30/1999 | IM40MB | SODIUM | 23,300.00 | | UG/L | 56.00 | 66.00 | 20,000.00 | X |
| MW-46 | W46M2L | 03/30/1999 | IM40MB | SODIUM | 24,400.00 | | UG/L | 56.00 | 66.00 | 20,000.00 | X |
| MW-54 | W54SSA | 08/27/1999 | IM40MB | SODIUM | 33,300.00 | | UG/L | 0.00 | 10.00 | 20,000.00 | X |
| MW-57 | W57M2A | 12/21/1999 | IM40MB | SODIUM | 23,500.00 | | UG/L | 62.00 | 72.00 | 20,000.00 | X |
| MW-57 | W57M2A | 03/22/2000 | IM40MB | SODIUM | 24,500.00 | | UG/L | 62.00 | 72.00 | 20,000.00 | X |
| MW-57 | W57M2A | 06/30/2000 | IM40MB | SODIUM | 25,900.00 | | UG/L | 62.00 | 72.00 | 20,000.00 | X |
| MW-57 | W57M2A | 08/29/2000 | IM40MB | SODIUM | 23,200.00 | | UG/L | 62.00 | 72.00 | 20,000.00 | X |
| MW-57 | W57M1A | 12/14/1999 | IM40MB | SODIUM | 23,700.00 | | UG/L | 102.00 | 112.00 | 20,000.00 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-57 | W57M1A | 03/07/2000 | IM40MB | SODIUM | 20,900.00 | | UG/L | 102.00 | 112.00 | 20,000.00 | X |
| MW-57 | W57M1A | 07/05/2000 | IM40MB | SODIUM | 22,200.00 | | UG/L | 102.00 | 112.00 | 20,000.00 | X |
| MW-57 | W57M1A | 08/29/2000 | IM40MB | SODIUM | 20,100.00 | | UG/L | 102.00 | 112.00 | 20,000.00 | X |
| SDW261160 | WG160L | 01/07/1998 | IM40MB | SODIUM | 20,600.00 | | UG/L | 10.00 | 20.00 | 20,000.00 | X |
| SDW261160 | WG160A | 01/13/1999 | IM40MB | SODIUM | 27,200.00 | | UG/L | 10.00 | 20.00 | 20,000.00 | X |
| SDW261160 | WG160L | 01/13/1999 | IM40MB | SODIUM | 28,200.00 | | UG/L | 10.00 | 20.00 | 20,000.00 | X |
| 03MW0006 | 03MW0006 | 04/15/1999 | IM40MB | THALLIUM | 2.60 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| 03MW0022A | 03MW0022A | 04/16/1999 | IM40MB | THALLIUM | 3.90 | | UG/L | 71.00 | 76.00 | 2.00 | X |
| 03MW0027A | 03MW0027A | 04/14/1999 | IM40MB | THALLIUM | 2.00 | J | UG/L | 64.00 | 69.00 | 2.00 | X |
| 11MW0004 | 11MW0004 | 04/16/1999 | IM40MB | THALLIUM | 2.30 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| 27MW0020Z | 27MW0020Z | 04/16/1999 | IM40MB | THALLIUM | 2.70 | J | UG/L | 98.00 | 103.00 | 2.00 | X |
| 90MW0038 | 90MW0038 | 04/21/1999 | IM40MB | THALLIUM | 4.40 | J | UG/L | 29.00 | 34.00 | 2.00 | X |
| 90WT0010 | WF10XA | 01/16/1998 | IM40MB | THALLIUM | 6.50 | J | UG/L | 2.00 | 12.00 | 2.00 | X |
| LRWS1-4 | WL14XA | 01/06/1999 | IM40MB | THALLIUM | 5.20 | J | UG/L | 107.00 | 117.00 | 2.00 | X |
| MW-1 | W01SSA | 09/07/1999 | IM40MB | THALLIUM | 2.90 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-127 | W127SSA | 11/15/2000 | IM40MB | THALLIUM | 2.40 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-132 | W132SSA | 02/16/2001 | IM40MB | THALLIUM | 2.10 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-145 | W145SSA | 10/18/2001 | IM40MB | THALLIUM | 4.80 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-150 | W150SSA | 03/07/2001 | IM40MB | THALLIUM | 2.20 | J | UG/L | 1.00 | 11.00 | 2.00 | X |
| MW-18 | W18SSA | 03/12/1999 | IM40MB | THALLIUM | 2.30 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 09/10/1999 | IM40MB | THALLIUM | 3.80 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19SSA | 08/24/2001 | IM40MB | THALLIUM | 4.20 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-19 | W19DDL | 02/11/1999 | IM40MB | THALLIUM | 3.10 | J | UG/L | 254.00 | 259.00 | 2.00 | X |
| MW-2 | W02DDD | 08/02/2000 | IM40MB | THALLIUM | 4.90 | J | UG/L | 218.00 | 223.00 | 2.00 | X |
| MW-21 | W21M2A | 11/01/1999 | IM40MB | THALLIUM | 4.00 | J | UG/L | 58.00 | 68.00 | 2.00 | X |
| MW-23 | W23SSA | 09/14/1999 | IM40MB | THALLIUM | 4.70 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-25 | W25SSA | 09/14/1999 | IM40MB | THALLIUM | 5.30 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-3 | W03DDA | 12/20/2000 | IM40MB | THALLIUM | 3.30 | | UG/L | 219.00 | 224.00 | 2.00 | X |
| MW-35 | W35SSA | 12/18/2000 | IM40MB | THALLIUM | 2.90 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-37 | W37M2A | 12/29/1999 | IM40MB | THALLIUM | 4.90 | J | UG/L | 26.00 | 36.00 | 2.00 | X |
| MW-38 | W38M4A | 08/18/1999 | IM40MB | THALLIUM | 2.80 | J | UG/L | 14.00 | 24.00 | 2.00 | X |
| MW-38 | W38M2A | 05/11/1999 | IM40MB | THALLIUM | 4.90 | J | UG/L | 69.00 | 79.00 | 2.00 | X |
| MW-38 | W38DDA | 08/22/2001 | IM40MB | THALLIUM | 3.00 | J | UG/L | 124.00 | 134.00 | 2.00 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-39 | W39M1A | 12/21/2000 | IM40MB | THALLIUM | 4.00 | | UG/L | 84.00 | 94.00 | 2.00 | X |
| MW-41 | W41M2A | 04/02/1999 | IM40MB | THALLIUM | 2.50 | J | UG/L | 67.00 | 77.00 | 2.00 | X |
| MW-42 | W42M2A | 11/19/1999 | IM40MB | THALLIUM | 4.00 | J | UG/L | 118.00 | 128.00 | 2.00 | X |
| MW-44 | W44SSA | 08/24/2001 | IM40MB | THALLIUM | 3.00 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-45 | W45SSA | 05/26/1999 | IM40MB | THALLIUM | 3.00 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-45 | W45SSA | 08/31/2000 | IM40MB | THALLIUM | 4.40 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-46 | W46M1A | 05/16/2000 | IM40MB | THALLIUM | 5.30 | J | UG/L | 103.00 | 113.00 | 2.00 | X |
| MW-46 | W46DDA | 11/02/1999 | IM40MB | THALLIUM | 5.10 | J | UG/L | 136.00 | 146.00 | 2.00 | X |
| MW-47 | W47M3A | 08/25/1999 | IM40MB | THALLIUM | 3.20 | J | UG/L | 21.00 | 31.00 | 2.00 | X |
| MW-47 | W47M3A | 05/31/2000 | IM40MB | THALLIUM | 5.00 | J | UG/L | 21.00 | 31.00 | 2.00 | X |
| MW-47 | W47M2A | 03/26/1999 | IM40MB | THALLIUM | 3.20 | J | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-47 | W47M2A | 08/25/1999 | IM40MB | THALLIUM | 4.00 | J | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-47 | W47M2A | 05/30/2000 | IM40MB | THALLIUM | 4.50 | J | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-47 | W47M1A | 08/24/1999 | IM40MB | THALLIUM | 2.60 | J | UG/L | 75.00 | 85.00 | 2.00 | X |
| MW-48 | W48M3A | 02/28/2000 | IM40MB | THALLIUM | 4.20 | J | UG/L | 31.00 | 41.00 | 2.00 | X |
| MW-48 | W48DAA | 06/26/2000 | IM40MB | THALLIUM | 4.70 | J | UG/L | 121.00 | 131.00 | 2.00 | X |
| MW-49 | W49SSA | 11/19/1999 | IM40MB | THALLIUM | 4.70 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-49 | W49M3D | 06/27/2000 | IM40MB | THALLIUM | 4.30 | J | UG/L | 31.00 | 41.00 | 2.00 | X |
| MW-50 | W50M1A | 05/15/2000 | IM40MB | THALLIUM | 6.20 | J | UG/L | 89.00 | 99.00 | 2.00 | X |
| MW-51 | W51M3A | 08/25/1999 | IM40MB | THALLIUM | 4.30 | J | UG/L | 28.00 | 38.00 | 2.00 | X |
| MW-52 | W52SSA | 08/26/1999 | IM40MB | THALLIUM | 3.60 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-52 | W52SSA | 11/18/1999 | IM40MB | THALLIUM | 4.30 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-52 | W52SSA | 05/23/2000 | IM40MB | THALLIUM | 4.70 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-52 | W52M3L | 04/07/1999 | IM40MB | THALLIUM | 3.60 | J | UG/L | 59.00 | 64.00 | 2.00 | X |
| MW-52 | W52DDA | 04/02/1999 | IM40MB | THALLIUM | 2.80 | J | UG/L | 218.00 | 228.00 | 2.00 | X |
| MW-52 | W52DDL | 04/02/1999 | IM40MB | THALLIUM | 2.60 | J | UG/L | 218.00 | 228.00 | 2.00 | X |
| MW-52 | W52DDA | 08/30/1999 | IM40MB | THALLIUM | 3.80 | J | UG/L | 218.00 | 228.00 | 2.00 | X |
| MW-53 | W53M1A | 11/05/1999 | IM40MB | THALLIUM | 3.40 | J | UG/L | 99.00 | 109.00 | 2.00 | X |
| MW-54 | W54SSA | 11/08/1999 | IM40MB | THALLIUM | 7.40 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-54 | W54SSA | 06/06/2000 | IM40MB | THALLIUM | 4.60 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-54 | W54SSA | 11/15/2000 | IM40MB | THALLIUM | 3.10 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-54 | W54M1A | 08/30/1999 | IM40MB | THALLIUM | 2.80 | J | UG/L | 79.00 | 89.00 | 2.00 | X |
| MW-54 | W54M1A | 11/05/1999 | IM40MB | THALLIUM | 3.90 | J | UG/L | 79.00 | 89.00 | 2.00 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-55 | W55M1A | 08/31/1999 | IM40MB | THALLIUM | 2.50 | J | UG/L | 89.00 | 99.00 | 2.00 | X |
| MW-56 | W56SSA | 09/05/2000 | IM40MB | THALLIUM | 4.00 | J | UG/L | 1.00 | 11.00 | 2.00 | X |
| MW-56 | W56M3A | 09/05/2000 | IM40MB | THALLIUM | 6.10 | J | UG/L | 31.00 | 41.00 | 2.00 | X |
| MW-56 | W56M3D | 09/05/2000 | IM40MB | THALLIUM | 4.40 | J | UG/L | 31.00 | 41.00 | 2.00 | X |
| MW-57 | W57M2A | 03/22/2000 | IM40MB | THALLIUM | 4.10 | J | UG/L | 62.00 | 72.00 | 2.00 | X |
| MW-58 | W58SSA | 05/11/2000 | IM40MB | THALLIUM | 7.30 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-58 | W58SSA | 12/20/2000 | IM40MB | THALLIUM | 2.00 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-61 | W61SSA | 08/22/2001 | IM40MB | THALLIUM | 3.70 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-64 | W64M1A | 02/07/2000 | IM40MB | THALLIUM | 4.10 | J | UG/L | 38.00 | 48.00 | 2.00 | X |
| MW-7 | W07M2L | 02/05/1998 | IM40MB | THALLIUM | 6.60 | J | UG/L | 65.00 | 70.00 | 2.00 | X |
| MW-7 | W07M2A | 02/24/1999 | IM40MB | THALLIUM | 4.40 | J | UG/L | 65.00 | 70.00 | 2.00 | X |
| MW-7 | W07MMA | 02/23/1999 | IM40MB | THALLIUM | 4.10 | J | UG/L | 135.00 | 140.00 | 2.00 | X |
| MW-7 | W07M1A | 09/07/1999 | IM40MB | THALLIUM | 26.20 | | UG/L | 135.00 | 140.00 | 2.00 | X |
| MW-7 | W07M1D | 09/07/1999 | IM40MB | THALLIUM | 12.70 | | UG/L | 135.00 | 140.00 | 2.00 | X |
| MW-72 | W72SSA | 05/27/1999 | IM40MB | THALLIUM | 4.00 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-73 | W73SSA | 12/19/2000 | IM40MB | THALLIUM | 4.30 | | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-73 | W73SSD | 12/19/2000 | IM40MB | THALLIUM | 2.00 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-83 | W83SSA | 01/13/2000 | IM40MB | THALLIUM | 3.60 | J | UG/L | 0.00 | 10.00 | 2.00 | X |
| MW-84 | W84SSA | 10/21/1999 | IM40MB | THALLIUM | 3.20 | J | UG/L | 17.00 | 27.00 | 2.00 | X |
| MW-84 | W84M3A | 08/27/2001 | IM40MB | THALLIUM | 5.00 | J | UG/L | 42.00 | 52.00 | 2.00 | X |
| MW-84 | W84DDA | 08/23/2001 | IM40MB | THALLIUM | 4.00 | J | UG/L | 153.00 | 163.00 | 2.00 | X |
| MW-94 | W94M2A | 01/11/2001 | IM40MB | THALLIUM | 2.00 | J | UG/L | 16.00 | 26.00 | 2.00 | X |
| MW-94 | W94M2A | 10/02/2001 | IM40MB | THALLIUM | 2.30 | J | UG/L | 16.00 | 26.00 | 2.00 | X |
| PPAWSMW-1 | PPAWSMW-1 | 06/22/1999 | IM40MB | THALLIUM | 3.10 | J | UG/L | 10.00 | 20.00 | 2.00 | X |
| SMR-2 | WSMR2A | 03/25/1999 | IM40MB | THALLIUM | 2.00 | J | UG/L | 19.00 | 29.00 | 2.00 | X |
| 95-14 | W9514A | 09/28/1999 | IM40MB | ZINC | 2,430.00 | | UG/L | 90.00 | 120.00 | 2,000.00 | X |
| LRWS5-1 | WL51XA | 01/25/1999 | IM40MB | ZINC | 3,980.00 | | UG/L | 66.00 | 91.00 | 2,000.00 | X |
| LRWS5-1 | WL51XL | 01/25/1999 | IM40MB | ZINC | 3,770.00 | | UG/L | 66.00 | 91.00 | 2,000.00 | X |
| LRWS6-1 | WL61XA | 01/28/1999 | IM40MB | ZINC | 2,240.00 | | UG/L | 184.00 | 199.00 | 2,000.00 | X |
| LRWS6-1 | WL61XL | 01/28/1999 | IM40MB | ZINC | 2,200.00 | | UG/L | 184.00 | 199.00 | 2,000.00 | X |
| LRWS7-1 | WL71XA | 01/22/1999 | IM40MB | ZINC | 4,160.00 | | UG/L | 186.00 | 201.00 | 2,000.00 | X |
| LRWS7-1 | WL71XL | 01/22/1999 | IM40MB | ZINC | 4,100.00 | | UG/L | 186.00 | 201.00 | 2,000.00 | X |
| ASPWELL | ASPWELL | 12/12/2000 | IM40PB | LEAD | 20.90 | | UG/L | 0.00 | 0.00 | 15.00 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-41 | W41M1A | 08/19/1999 | OC21B | 2,6-DINITROTOLUENE | 5.00 | J | UG/L | 108.00 | 118.00 | 5.00 | X |
| 03MW0122A | WS122A | 09/30/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 12.00 | | UG/L | 1.00 | 11.00 | 6.00 | X |
| 11MW0003 | WF143A | 02/25/1998 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 9.00 | | UG/L | 0.00 | 0.00 | 6.00 | X |
| 11MW0003 | WF143A | 09/30/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 24.00 | | UG/L | 0.00 | 0.00 | 6.00 | X |
| 15MW0004 | 15MW0004 | 04/09/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 6.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| 15MW0008 | 15MW0008D | 04/12/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 25.00 | J | UG/L | 0.00 | 0.00 | 6.00 | X |
| 28MW0106 | WL28XA | 02/19/1998 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 18.00 | J | UG/L | 0.00 | 10.00 | 6.00 | X |
| 28MW0106 | WL28XA | 03/23/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 26.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| 58MW0002 | WC2XXA | 02/26/1998 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 36.00 | | UG/L | 4.00 | 9.00 | 6.00 | X |
| 58MW0005E | WC5EXA | 09/27/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 8.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| 58MW0006E | WC6EXA | 10/03/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 59.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| 58MW0006E | WC6EXD | 10/03/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 57.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| 58MW0006E | WC6EXA | 01/29/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 6.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| 58MW0007C | WC7CXA | 09/28/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 13.00 | | UG/L | 24.00 | 29.00 | 6.00 | X |
| 90MW0054 | WF12XA | 10/04/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 13.00 | J | UG/L | 91.83 | 96.83 | 6.00 | X |
| 90WT0003 | WF03XA | 09/30/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 58.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| 90WT0005 | WF05XA | 01/13/1998 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 47.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| 90WT0013 | WF13XA | 01/16/1998 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 34.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| 90WT0013 | WF13XA | 01/14/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 16.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| 95-14 | W9514A | 09/28/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 22.00 | | UG/L | 90.00 | 120.00 | 6.00 | X |
| 97-1 | W9701A | 11/19/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 54.00 | J | UG/L | 62.00 | 72.00 | 6.00 | X |
| 97-1 | W9701D | 11/19/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 28.00 | J | UG/L | 62.00 | 72.00 | 6.00 | X |
| 97-2 | W9702A | 11/20/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 7.00 | | UG/L | 53.00 | 63.00 | 6.00 | X |
| 97-3 | W9703A | 11/21/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 73.00 | J | UG/L | 36.00 | 46.00 | 6.00 | X |
| 97-5 | W9705A | 11/20/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 15.00 | | UG/L | 76.00 | 86.00 | 6.00 | X |
| BHW215083 | WG083A | 11/26/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 13.00 | | UG/L | 16.95 | 26.95 | 6.00 | X |
| LRWS1-4 | WL14XA | 10/06/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 78.00 | J | UG/L | 107.00 | 117.00 | 6.00 | X |
| LRWS2-3 | WL23XA | 11/21/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 20.00 | J | UG/L | 68.00 | 83.00 | 6.00 | X |
| LRWS2-6 | WL26XA | 10/20/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 21.00 | | UG/L | 75.00 | 90.00 | 6.00 | X |
| LRWS2-6 | WL26XA | 10/04/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 9.00 | J | UG/L | 75.00 | 90.00 | 6.00 | X |
| LRWS4-1 | WL41XA | 11/24/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 100.00 | | UG/L | 66.00 | 91.00 | 6.00 | X |
| LRWS5-1 | WL51XA | 11/25/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 7.00 | | UG/L | 66.00 | 91.00 | 6.00 | X |
| MW-10 | W10SSA | 09/16/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 39.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-11 | W11SSA | 11/06/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 33.00 | J | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-11 | W11SSD | 11/06/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 23.00 | J | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-12 | W12SSA | 11/06/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 28.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-14 | W14SSA | 11/04/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 14.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-16 | W16SSA | 11/17/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 28.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-16 | W16DDA | 11/17/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 43.00 | | UG/L | 223.00 | 228.00 | 6.00 | X |
| MW-17 | W17SSD | 11/10/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 120.00 | J | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-17 | W17DDA | 11/11/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 42.00 | | UG/L | 196.00 | 206.00 | 6.00 | X |
| MW-18 | W18SSA | 10/10/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 36.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-18 | W18DDA | 09/10/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 11.00 | | UG/L | 222.00 | 232.00 | 6.00 | X |
| MW-19 | W19DDA | 03/04/1998 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 7.00 | | UG/L | 254.00 | 259.00 | 6.00 | X |
| MW-2 | W02M2A | 01/20/1998 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 24.00 | | UG/L | 33.00 | 38.00 | 6.00 | X |
| MW-2 | W02M1A | 01/21/1998 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 10.00 | J | UG/L | 75.00 | 80.00 | 6.00 | X |
| MW-2 | W02DDA | 02/02/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 9.00 | | UG/L | 218.00 | 223.00 | 6.00 | X |
| MW-20 | W20SSA | 11/07/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 280.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-21 | W21M2A | 04/01/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 8.00 | | UG/L | 58.00 | 68.00 | 6.00 | X |
| MW-22 | W22SSA | 11/24/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 96.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-22 | W22SSA | 09/20/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 18.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-23 | W23SSA | 10/27/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 24.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-23 | W23M3A | 11/13/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 10.00 | | UG/L | 34.00 | 39.00 | 6.00 | X |
| MW-23 | W23M3D | 11/13/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 13.00 | | UG/L | 34.00 | 39.00 | 6.00 | X |
| MW-24 | W24SSA | 11/14/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 8.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-27 | W27SSA | 09/17/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 9.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-28 | W28SSA | 11/03/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 11.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-28 | W28SSA | 09/17/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 150.00 | J | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-29 | W29SSA | 11/03/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 16.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-29 | W29SSA | 09/17/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 20.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-36 | W36M2A | 08/17/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 8.00 | | UG/L | 54.00 | 64.00 | 6.00 | X |
| MW-38 | W38M3A | 05/06/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 15.00 | | UG/L | 52.00 | 62.00 | 6.00 | X |
| MW-4 | W04SSA | 11/04/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 30.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-41 | W41M2A | 11/12/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 7.00 | | UG/L | 67.00 | 77.00 | 6.00 | X |
| MW-43 | W43M1A | 05/26/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 6.00 | | UG/L | 90.00 | 100.00 | 6.00 | X |
| MW-44 | W44M1A | 09/20/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 14.00 | | UG/L | 53.00 | 63.00 | 6.00 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-45 | W45M1A | 05/24/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 37.00 | | UG/L | 98.00 | 108.00 | 6.00 | X |
| MW-46 | W46M1A | 11/01/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 6.00 | J | UG/L | 103.00 | 113.00 | 6.00 | X |
| MW-46 | W46DDA | 11/02/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 14.00 | J | UG/L | 136.00 | 146.00 | 6.00 | X |
| MW-47 | W47M1A | 08/24/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 14.00 | | UG/L | 75.00 | 85.00 | 6.00 | X |
| MW-47 | W47DDA | 08/24/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 16.00 | | UG/L | 100.00 | 110.00 | 6.00 | X |
| MW-49 | W49SSA | 03/01/2000 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 290.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-5 | W05DDA | 02/13/1998 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 9.00 | J | UG/L | 223.00 | 228.00 | 6.00 | X |
| MW-52 | W52M3A | 08/27/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 7.00 | J | UG/L | 59.00 | 64.00 | 6.00 | X |
| MW-53 | W53M1A | 08/30/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 31.00 | | UG/L | 99.00 | 109.00 | 6.00 | X |
| MW-53 | W53DDA | 02/18/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 18.00 | | UG/L | 158.00 | 168.00 | 6.00 | X |
| MW-55 | W55DDA | 05/13/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 8.00 | | UG/L | 119.00 | 129.00 | 6.00 | X |
| MW-57 | W57SSA | 12/21/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 3,300.00 | J | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-57 | W57M2A | 06/30/2000 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 7.00 | | UG/L | 62.00 | 72.00 | 6.00 | X |
| MW-57 | W57DDA | 12/13/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 95.00 | | UG/L | 127.00 | 137.00 | 6.00 | X |
| MW-7 | W07SSA | 10/31/1997 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 10.00 | | UG/L | 0.00 | 10.00 | 6.00 | X |
| MW-70 | W70M1A | 10/27/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 10.00 | | UG/L | 129.00 | 139.00 | 6.00 | X |
| MW-84 | W84DDA | 03/03/2000 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 30.00 | | UG/L | 153.00 | 163.00 | 6.00 | X |
| RW-1 | WRW1XA | 02/18/1998 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 59.00 | | UG/L | 0.00 | 9.00 | 6.00 | X |
| RW-1 | WRW1XD | 10/06/1999 | OC21B | BIS(2-ETHYLHEXYL) PHTHALA | 11.00 | J | UG/L | 0.00 | 9.00 | 6.00 | X |
| 90MW0003 | WF03MA | 10/07/1999 | OC21V | 1,2-DICHLOROETHANE | 5.00 | | UG/L | 52.11 | 57.11 | 5.00 | X |
| MW-187 | W187DDA | 01/23/2002 | OC21V | BENZENE | 1,000.00 | | UG/L | 199.50 | 209.50 | 5.00 | X |
| MW-187 | W187DDA | 02/11/2002 | OC21V | BENZENE | 1,300.00 | | UG/L | 199.50 | 209.50 | 5.00 | X |
| MW-187 | W187DDA | 01/23/2002 | OC21V | CHLOROMETHANE | 75.00 | J | UG/L | 199.50 | 209.50 | 3.00 | X |
| MW-187 | W187DDA | 02/11/2002 | OC21V | CHLOROMETHANE | 47.00 | J | UG/L | 199.50 | 209.50 | 3.00 | X |
| 03MW0007A | 03MW0007A | 04/13/1999 | OC21V | TETRACHLOROETHYLENE(PC | 6.00 | | UG/L | 21.00 | 26.00 | 5.00 | X |
| 03MW0014A | 03MW0014A | 04/13/1999 | OC21V | TETRACHLOROETHYLENE(PC | 8.00 | | UG/L | 38.00 | 43.00 | 5.00 | X |
| 03MW0020 | 03MW0020 | 04/14/1999 | OC21V | TETRACHLOROETHYLENE(PC | 12.00 | | UG/L | 36.00 | 41.00 | 5.00 | X |
| MW-45 | W45SSA | 11/16/1999 | OC21V | TOLUENE | 1,000.00 | | UG/L | 0.00 | 10.00 | 1,000.00 | X |
| MW-45 | W45SSA | 05/29/2000 | OC21V | TOLUENE | 1,100.00 | | UG/L | 0.00 | 10.00 | 1,000.00 | X |
| MW-45 | W45SSA | 12/27/2000 | OC21V | TOLUENE | 1,300.00 | | UG/L | 0.00 | 10.00 | 1,000.00 | X |
| MW-45 | W45SSA | 12/14/2001 | OC21V | TOLUENE | 1,300.00 | | UG/L | 0.00 | 10.00 | 1,000.00 | X |
| 27MW0017B | 27MW0017B | 04/30/1999 | OC21V | VINYL CHLORIDE | 2.00 | | UG/L | 21.00 | 26.00 | 2.00 | X |
| PPAWSMW-1 | PPAWSMW-1 | 06/22/1999 | OL21P | DIELDRIN | 3.00 | | UG/L | 10.00 | 20.00 | 0.50 | X |

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH AUGUST 2002



| LOCID/WELL ID | OGDEN_ID | SAMPLED | METHOD | OGDEN_ANALYTE | CONC. | FLAG | UNITS | BWTS | BWTE | DW LIMIT | >DW LIMIT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 27MW0705 | 27MW0705 | 01/08/2002 | SW8270 | BIS(2-ETHYLHEXYL) PHTHALA | 7.50 | J | UG/L | 0.00 | 0.00 | 6.00 | X |
| 27MW2061 | 27MW2061 | 01/09/2002 | SW8270 | BIS(2-ETHYLHEXYL) PHTHALA | 12.00 | J | UG/L | 0.00 | 2.30 | 6.00 | X |
| MW-142 | W142M2A | 01/29/2001 | SW8270 | BIS(2-ETHYLHEXYL) PHTHALA | 11.00 | | UG/L | 100.00 | 110.00 | 6.00 | X |
| MW-142 | W142M1A | 01/29/2001 | SW8270 | BIS(2-ETHYLHEXYL) PHTHALA | 20.00 | | UG/L | 185.00 | 195.00 | 6.00 | X |
| MW-146 | W146M1A | 02/23/2001 | SW8270 | BIS(2-ETHYLHEXYL) PHTHALA | 8.40 | | UG/L | 75.00 | 80.00 | 6.00 | X |
| MW-146 | W146M1A | 06/19/2001 | SW8270 | BIS(2-ETHYLHEXYL) PHTHALA | 8.20 | | UG/L | 75.00 | 80.00 | 6.00 | X |
| MW-157 | W157DDA | 05/03/2001 | SW8270 | BIS(2-ETHYLHEXYL) PHTHALA | 8.10 | | UG/L | 199.00 | 209.00 | 6.00 | X |
| MW-158 | W158M2A | 10/15/2001 | SW8270 | BIS(2-ETHYLHEXYL) PHTHALA | 34.00 | J | UG/L | 37.00 | 47.00 | 6.00 | X |
| MW-168 | W168M2A | 06/05/2001 | SW8270 | BIS(2-ETHYLHEXYL) PHTHALA | 9.00 | | UG/L | 116.00 | 126.00 | 6.00 | X |
| MW-168 | W168M1A | 06/04/2001 | SW8270 | BIS(2-ETHYLHEXYL) PHTHALA | 6.70 | | UG/L | 174.00 | 184.00 | 6.00 | X |
| MW-188 | W188M1A | 01/30/2002 | SW8270 | BIS(2-ETHYLHEXYL) PHTHALA | 9.40 | | UG/L | 41.10 | 51.10 | 6.00 | X |
| MW-196 | W196M1A | 02/06/2002 | SW8270 | BIS(2-ETHYLHEXYL) PHTHALA | 10.00 | J | UG/L | 12.00 | 17.00 | 6.00 | X |
| MW-28 | W28M1A | 01/12/2001 | SW8270 | BIS(2-ETHYLHEXYL) PHTHALA | 9.70 | | UG/L | 173.00 | 183.00 | 6.00 | X |
| MW-55 | W55DDA | 07/31/2001 | SW8270 | BIS(2-ETHYLHEXYL) PHTHALA | 6.40 | | UG/L | 119.00 | 129.00 | 6.00 | X |
| MW-82 | W82DDA | 08/22/2001 | SW8270 | BIS(2-ETHYLHEXYL) PHTHALA | 24.00 | | UG/L | 97.00 | 107.00 | 6.00 | X |
| MW-187 | W187DDA | 01/23/2002 | VPHMA | BENZENE | 760.00 | J | UG/L | 199.50 | 209.50 | 5.00 | X |
| MW-187 | W187DDA | 02/11/2002 | VPHMA | BENZENE | 1,300.00 | | UG/L | 199.50 | 209.50 | 5.00 | X |
| MW-187 | W187DDA | 02/11/2002 | VPHMA | TERT-BUTYL METHYL ETHER | 30.00 | | UG/L | 199.50 | 209.50 | 20.00 | X |

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| 4036000-03G | 4036000-03G | 08/14/2002 | GROUNDWATER | | | | | E314.0 | PERCHLORATE | |
| 90MW0034-A | 90MW0034 | 08/13/2002 | GROUNDWATER | 93.71 | 98.59 | 25.46 | 30.34 | 8330NX | 1,3,5-TRINITROBENZENE | NO |
| 90MW0034-A | 90MW0034 | 08/13/2002 | GROUNDWATER | 93.71 | 98.59 | 25.46 | 30.34 | 8330NX | 1,3-DINITROBENZENE | NO |
| 90MW0034-A | 90MW0034 | 08/13/2002 | GROUNDWATER | 93.71 | 98.59 | 25.46 | 30.34 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES* |
| 90MW0034-A | 90MW0034 | 08/13/2002 | GROUNDWATER | 93.71 | 98.59 | 25.46 | 30.34 | 8330NX | HEXAHYDRO-1-MONONITROSO- | YES* |
| 90MW0034-A | 90MW0034 | 08/13/2002 | GROUNDWATER | 93.71 | 98.59 | 25.46 | 30.34 | 8330NX | NITROGLYCERIN | NO |
| 90MW0034-A | 90MW0034 | 08/13/2002 | GROUNDWATER | 93.71 | 98.59 | 25.46 | 30.34 | 8330NX | PENTAERYTHRITOL TETRANITR | NO |
| 90MW0034-A | 90MW0034 | 08/13/2002 | GROUNDWATER | 93.71 | 98.59 | 25.46 | 30.34 | 8330NX | PICRIC ACID | NO |
| 97-2 | 97-2 | 08/03/2002 | GROUNDWATER | 75.00 | 85.00 | 53.00 | 63.00 | E314.0 | PERCHLORATE | |
| 97-5 | 97-5 | 08/03/2002 | GROUNDWATER | 84.00 | 94.00 | 76.00 | 86.00 | E314.0 | PERCHLORATE | |
| TW1-88AA | 1-88 | 08/06/2002 | GROUNDWATER | | | | 67.40 | E314.0 | PERCHLORATE | |
| TW1-88AA | 1-88 | 08/14/2002 | GROUNDWATER | | | | 67.40 | E314.0 | PERCHLORATE | |
| W01M2A | MW-1 | 08/09/2002 | GROUNDWATER | 160.00 | 165.00 | 44.00 | 49.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W02-02M1A | 02-02 | 08/03/2002 | GROUNDWATER | 114.50 | 124.50 | 63.50 | 73.50 | E314.0 | PERCHLORATE | |
| W02-02M2A | 02-02 | 08/03/2002 | GROUNDWATER | 94.50 | 104.50 | 42.65 | 52.65 | E314.0 | PERCHLORATE | |
| W02-02M2D | 02-02 | 08/03/2002 | GROUNDWATER | 94.50 | 104.50 | 42.65 | 52.65 | E314.0 | PERCHLORATE | |
| W02-03M1D | 02-03 | 08/24/2002 | GROUNDWATER | 130.00 | 140.00 | 86.10 | 96.10 | E314.0 | PERCHLORATE | |
| W02-05M1A | 02-05 | 08/24/2002 | GROUNDWATER | 110.00 | 120.00 | 81.44 | 91.44 | E314.0 | PERCHLORATE | |
| W02-05M2D | 02-05 | 08/24/2002 | GROUNDWATER | 92.00 | 102.00 | 63.41 | 73.41 | E314.0 | PERCHLORATE | |
| W02-13M1A | 02-13 | 08/06/2002 | GROUNDWATER | 98.00 | 108.00 | 58.33 | 68.33 | E314.0 | PERCHLORATE | |
| W02-13M1A | 02-13 | 08/14/2002 | GROUNDWATER | 98.00 | 108.00 | 58.33 | 68.33 | E314.0 | PERCHLORATE | |
| W02-13M2A | 02-13 | 07/31/2002 | GROUNDWATER | 83.00 | 93.00 | 42.02 | 52.02 | E314.0 | PERCHLORATE | |
| W02-13M2A | 02-13 | 08/06/2002 | GROUNDWATER | 83.00 | 93.00 | 44.20 | 54.20 | E314.0 | PERCHLORATE | |
| W02-13M2A | 02-13 | 08/14/2002 | GROUNDWATER | 83.00 | 93.00 | 44.20 | 54.20 | E314.0 | PERCHLORATE | |
| W02-13M3A | 02-13 | 07/31/2002 | GROUNDWATER | 68.00 | 78.00 | 27.10 | 37.10 | E314.0 | PERCHLORATE | |
| W02-13M3A | 02-13 | 08/06/2002 | GROUNDWATER | 68.00 | 78.00 | 28.30 | 38.30 | E314.0 | PERCHLORATE | |
| W02-13M3A | 02-13 | 08/14/2002 | GROUNDWATER | 68.00 | 78.00 | 28.30 | 38.30 | E314.0 | PERCHLORATE | |
| W02-13M3D | 02-13 | 08/06/2002 | GROUNDWATER | 68.00 | 78.00 | 28.30 | 38.30 | E314.0 | PERCHLORATE | |
| W02-13M3D | 02-13 | 08/21/2002 | GROUNDWATER | 68.00 | 78.00 | 26.90 | 36.90 | E314.0 | PERCHLORATE | |
| W02-15M1A | 02-15 | 08/03/2002 | GROUNDWATER | 125.00 | 135.00 | 75.63 | 85.63 | OC21V | CHLOROFORM | |
| W02-15M2A | 02-15 | 08/05/2002 | GROUNDWATER | 101.00 | 111.00 | 51.50 | 61.50 | E314.0 | PERCHLORATE | |
| W02-15M2A | 02-15 | 08/05/2002 | GROUNDWATER | 101.00 | 111.00 | 51.50 | 61.50 | OC21V | CHLOROFORM | |

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
* = Interference in sample

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| W02-15M3A | 02-15 | 08/05/2002 | GROUNDWATER | 81.00 | 91.00 | 31.40 | 41.40 | OC21V | CHLOROFORM | |
| W103M2A | MW-103 | 08/12/2002 | GROUNDWATER | 282.00 | 292.00 | 140.00 | 150.00 | 8330N | NITROGLYCERIN | NO |
| W114M1A | MW-114 | 08/09/2002 | GROUNDWATER | 177.00 | 187.00 | 96.00 | 106.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W114M2A | MW-114 | 08/09/2002 | GROUNDWATER | 120.00 | 130.00 | 39.00 | 49.00 | 8330N | 2,6-DINITROTOLUENE | YES* |
| W114M2A | MW-114 | 08/09/2002 | GROUNDWATER | 120.00 | 130.00 | 39.00 | 49.00 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | YES |
| W114M2A | MW-114 | 08/09/2002 | GROUNDWATER | 120.00 | 130.00 | 39.00 | 49.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W114M2A | MW-114 | 08/09/2002 | GROUNDWATER | 120.00 | 130.00 | 39.00 | 49.00 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| W129M2A | MW-129 | 08/19/2002 | GROUNDWATER | 116.00 | 126.00 | 46.00 | 56.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W129M2A | MW-129 | 08/19/2002 | GROUNDWATER | 116.00 | 126.00 | 46.00 | 56.00 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| W161SSA | MW-161 | 08/13/2002 | GROUNDWATER | 145.50 | 155.50 | 6.00 | 16.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W165M2A | MW-165 | 08/10/2002 | GROUNDWATER | 124.50 | 134.50 | 46.00 | 56.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W165M2A | MW-165 | 08/10/2002 | GROUNDWATER | 124.50 | 134.50 | 46.00 | 56.00 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| W191M2A | MW-191 | 08/02/2002 | GROUNDWATER | 120.00 | 130.00 | 8.40 | 18.40 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W191M2A | MW-191 | 08/02/2002 | GROUNDWATER | 120.00 | 130.00 | 8.40 | 18.40 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| W19SSA | MW-19 | 08/07/2002 | GROUNDWATER | 38.00 | 48.00 | 0.00 | 10.00 | 8330N | 2,4,6-TRINITROTOLUENE | YES |
| W19SSA | MW-19 | 08/07/2002 | GROUNDWATER | 38.00 | 48.00 | 0.00 | 10.00 | 8330N | 2-AMINO-4,6-DINITROTOLUENE | YES |
| W19SSA | MW-19 | 08/07/2002 | GROUNDWATER | 38.00 | 48.00 | 0.00 | 10.00 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | YES |
| W19SSA | MW-19 | 08/07/2002 | GROUNDWATER | 38.00 | 48.00 | 0.00 | 10.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W19SSA | MW-19 | 08/07/2002 | GROUNDWATER | 38.00 | 48.00 | 0.00 | 10.00 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| W213M1A | MW-213 | 08/10/2002 | GROUNDWATER | 133.00 | 143.00 | 85.01 | 95.01 | OC21V | CHLOROFORM | |
| W213M2A | MW-213 | 08/10/2002 | GROUNDWATER | 89.00 | 99.00 | 41.15 | 51.15 | E314.0 | PERCHLORATE | |
| W213M2A | MW-213 | 08/10/2002 | GROUNDWATER | 89.00 | 99.00 | 41.15 | 51.15 | OC21V | CARBON TETRACHLORIDE | |
| W213M2A | MW-213 | 08/10/2002 | GROUNDWATER | 89.00 | 99.00 | 41.15 | 51.15 | OC21V | CHLOROFORM | |
| W213M3A | MW-213 | 08/10/2002 | GROUNDWATER | 77.00 | 82.00 | 98.60 | 108.60 | E314.0 | PERCHLORATE | |
| W213M3A | MW-213 | 08/10/2002 | GROUNDWATER | 77.00 | 82.00 | 98.60 | 108.60 | OC21V | CHLOROFORM | |
| W215M1A | MW-215 | 07/30/2002 | GROUNDWATER | 240.00 | 250.00 | 133.85 | 143.85 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W215M2A | MW-215 | 08/01/2002 | GROUNDWATER | 205.00 | 215.00 | 98.90 | 108.90 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W215M2A | MW-215 | 08/01/2002 | GROUNDWATER | 205.00 | 215.00 | 98.90 | 108.90 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| W216M1A | MW-216 | 07/30/2002 | GROUNDWATER | 253.00 | 263.00 | 51.19 | 61.19 | OC21V | CHLOROFORM | |
| W216SSA | MW-216 | 08/01/2002 | GROUNDWATER | 199.00 | 209.00 | | 7.13 | 8330N | NITROGLYCERIN | NO |
| W216SSA | MW-216 | 08/01/2002 | GROUNDWATER | 199.00 | 209.00 | | 7.13 | OC21V | CHLOROFORM | |
| W219M1A | MW-219 | 07/24/2002 | GROUNDWATER | 357.00 | 367.00 | 178.00 | 188.00 | OC21V | CHLOROFORM | |

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
* = Interference in sample

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| W219M2A | MW-219 | 07/24/2002 | GROUNDWATER | 332.00 | 342.00 | 153.05 | 163.05 | OC21V | CHLOROFORM | |
| W219M3A | MW-219 | 07/24/2002 | GROUNDWATER | 315.00 | 325.00 | 135.80 | 145.80 | OC21V | CHLOROFORM | |
| W219M3D | MW-219 | 07/24/2002 | GROUNDWATER | 315.00 | 325.00 | 135.80 | 145.80 | OC21V | CHLOROFORM | |
| W219M4A | MW-219 | 07/24/2002 | GROUNDWATER | 225.00 | 235.00 | 45.70 | 55.70 | OC21V | CHLOROFORM | |
| W223M2A | MW-223 | 07/30/2002 | GROUNDWATER | 185.00 | 195.00 | 93.31 | 103.31 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W227M1A | MW-227 | 08/05/2002 | GROUNDWATER | 130.00 | 140.00 | 76.38 | 86.38 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W227M2A | MW-227 | 08/06/2002 | GROUNDWATER | 110.00 | 120.00 | 56.38 | 66.38 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W227M2A | MW-227 | 08/06/2002 | GROUNDWATER | 110.00 | 120.00 | 56.38 | 66.38 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| W227M3A | MW-227 | 08/06/2002 | GROUNDWATER | 65.00 | 75.00 | 11.39 | 21.39 | 8330N | NITROGLYCERIN | NO |
| W231M1A | MW-231 | 08/26/2002 | GROUNDWATER | 210.00 | 220.00 | 104.15 | 114.15 | E314.0 | PERCHLORATE | |
| W231M2A | MW-231 | 08/26/2002 | GROUNDWATER | 165.00 | 175.00 | 58.33 | 68.33 | E314.0 | PERCHLORATE | |
| W23M1A | MW-23 | 08/15/2002 | GROUNDWATER | 225.00 | 235.00 | 103.00 | 113.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W23M1A | MW-23 | 08/15/2002 | GROUNDWATER | 225.00 | 235.00 | 103.00 | 113.00 | 8330NX | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| W31MMA | MW-31 | 08/07/2002 | GROUNDWATER | 113.00 | 123.00 | 28.00 | 38.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W31MMA | MW-31 | 08/07/2002 | GROUNDWATER | 113.00 | 123.00 | 28.00 | 38.00 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| W31SSA | MW-31 | 08/07/2002 | GROUNDWATER | 98.00 | 103.00 | 13.00 | 18.00 | 8330N | 2,4,6-TRINITROTOLUENE | YES |
| W31SSA | MW-31 | 08/07/2002 | GROUNDWATER | 98.00 | 103.00 | 13.00 | 18.00 | 8330N | 2,4-DINITROTOLUENE | YES |
| W31SSA | MW-31 | 08/07/2002 | GROUNDWATER | 98.00 | 103.00 | 13.00 | 18.00 | 8330N | 2-AMINO-4,6-DINITROTOLUENE | YES |
| W31SSA | MW-31 | 08/07/2002 | GROUNDWATER | 98.00 | 103.00 | 13.00 | 18.00 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | YES |
| W31SSA | MW-31 | 08/07/2002 | GROUNDWATER | 98.00 | 103.00 | 13.00 | 18.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W31SSA | MW-31 | 08/07/2002 | GROUNDWATER | 98.00 | 103.00 | 13.00 | 18.00 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| W34M1A | MW-34 | 08/20/2002 | GROUNDWATER | 151.00 | 161.00 | 73.00 | 83.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W34M2A | MW-34 | 08/20/2002 | GROUNDWATER | 131.00 | 141.00 | 53.00 | 63.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W37M2A | MW-37 | 08/13/2002 | GROUNDWATER | 145.00 | 155.00 | 26.00 | 36.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W37M3A | MW-37 | 08/13/2002 | GROUNDWATER | 130.00 | 140.00 | 11.00 | 21.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W39M2A | MW-39 | 08/15/2002 | GROUNDWATER | 175.00 | 185.00 | 39.00 | 49.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W39M2A | MW-39 | 08/15/2002 | GROUNDWATER | 175.00 | 185.00 | 39.00 | 49.00 | 8330NX | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| W40M1A | MW-40 | 08/13/2002 | GROUNDWATER | 132.50 | 142.50 | 13.00 | 23.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W43M2A | MW-43 | 08/16/2002 | GROUNDWATER | 200.00 | 210.00 | 67.00 | 77.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W50M1A | MW-50 | 08/14/2002 | GROUNDWATER | 207.00 | 217.00 | 89.00 | 99.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W73SSA | MW-73 | 08/20/2002 | GROUNDWATER | 38.50 | 48.50 | 0.00 | 10.00 | 8330NX | 2,4,6-TRINITROTOLUENE | YES |
| W73SSA | MW-73 | 08/20/2002 | GROUNDWATER | 38.50 | 48.50 | 0.00 | 10.00 | 8330NX | 2-AMINO-4,6-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
* = Interference in sample

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| W73SSA | MW-73 | 08/20/2002 | GROUNDWATER | 38.50 | 48.50 | 0.00 | 10.00 | 8330NX | 4-AMINO-2,6-DINITROTOLUENE | YES |
| W73SSA | MW-73 | 08/20/2002 | GROUNDWATER | 38.50 | 48.50 | 0.00 | 10.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W73SSA | MW-73 | 08/20/2002 | GROUNDWATER | 38.50 | 48.50 | 0.00 | 10.00 | 8330NX | HEXAHYDRO-1-MONONITROSO- | YES |
| W73SSA | MW-73 | 08/20/2002 | GROUNDWATER | 38.50 | 48.50 | 0.00 | 10.00 | 8330NX | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| W75M2A | MW-75 | 08/19/2002 | GROUNDWATER | 115.00 | 125.00 | 34.00 | 44.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W75M2D | MW-75 | 08/19/2002 | GROUNDWATER | 115.00 | 125.00 | 34.00 | 44.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W76M1A | MW-76 | 08/19/2002 | GROUNDWATER | 125.00 | 135.00 | 58.00 | 68.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W76M1A | MW-76 | 08/19/2002 | GROUNDWATER | 125.00 | 135.00 | 58.00 | 68.00 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| W76M2A | MW-76 | 08/19/2002 | GROUNDWATER | 105.00 | 115.00 | 38.00 | 48.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W76M2A | MW-76 | 08/19/2002 | GROUNDWATER | 105.00 | 115.00 | 38.00 | 48.00 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| W76SSA | MW-76 | 08/20/2002 | GROUNDWATER | 85.00 | 95.00 | 18.00 | 28.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W76SSA | MW-76 | 08/20/2002 | GROUNDWATER | 85.00 | 95.00 | 18.00 | 28.00 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| W77M2A | MW-77 | 08/07/2002 | GROUNDWATER | 120.00 | 130.00 | 38.00 | 48.00 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | YES |
| W77M2A | MW-77 | 08/07/2002 | GROUNDWATER | 120.00 | 130.00 | 38.00 | 48.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W77M2A | MW-77 | 08/07/2002 | GROUNDWATER | 120.00 | 130.00 | 38.00 | 48.00 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| W78M1A | MW-78 | 08/20/2002 | GROUNDWATER | 135.00 | 145.00 | 58.00 | 68.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W78M1D | MW-78 | 08/20/2002 | GROUNDWATER | 135.00 | 145.00 | 58.00 | 68.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W78M2A | MW-78 | 08/20/2002 | GROUNDWATER | 115.00 | 125.00 | 38.00 | 48.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W80M1A | MW-80 | 08/07/2002 | GROUNDWATER | 130.00 | 140.00 | 86.00 | 96.00 | E314.0 | PERCHLORATE | |
| W80M2A | MW-80 | 08/06/2002 | GROUNDWATER | 100.00 | 110.00 | 56.00 | 66.00 | E314.0 | PERCHLORATE | |
| W80SSA | MW-80 | 08/27/2002 | GROUNDWATER | 43.00 | 53.00 | 0.00 | 10.00 | OC21V | CHLOROFORM | |
| W81M2A | MW-81 | 08/07/2002 | GROUNDWATER | 83.00 | 93.00 | 55.00 | 65.00 | E314.0 | PERCHLORATE | |
| W83DDA | MW-83 | 08/10/2002 | GROUNDWATER | 142.00 | 152.00 | 109.00 | 119.00 | OC21V | CHLOROFORM | |
| W83M1A | MW-83 | 08/10/2002 | GROUNDWATER | 110.00 | 120.00 | 77.00 | 87.00 | OC21V | CHLOROFORM | |
| W83M2A | MW-83 | 08/10/2002 | GROUNDWATER | 85.00 | 95.00 | 52.00 | 62.00 | OC21V | CHLOROFORM | |
| W83M3A | MW-83 | 08/10/2002 | GROUNDWATER | 60.00 | 70.00 | 27.00 | 37.00 | OC21V | CHLOROFORM | |
| W86M2A | MW-86 | 08/16/2002 | GROUNDWATER | 158.00 | 168.00 | 16.00 | 26.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W86SSA | MW-86 | 08/16/2002 | GROUNDWATER | 143.00 | 153.00 | 1.00 | 11.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| W86SSA | MW-86 | 08/16/2002 | GROUNDWATER | 143.00 | 153.00 | 1.00 | 11.00 | 8330NX | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| XXWSCN-A | Schooner Pass | 08/16/2002 | GROUNDWATER | | | | | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| G233DAA | MW-233 | 08/06/2002 | PROFILE | 220.00 | 220.00 | 3.55 | 3.55 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G233DAA | MW-233 | 08/06/2002 | PROFILE | 220.00 | 220.00 | 3.55 | 3.55 | 8330N | 1,3-DINITROBENZENE | NO |

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| G233DAA | MW-233 | 08/06/2002 | PROFILE | 220.00 | 220.00 | 3.55 | 3.55 | 8330N | 2,6-DINITROTOLUENE | NO |
| G233DAA | MW-233 | 08/06/2002 | PROFILE | 220.00 | 220.00 | 3.55 | 3.55 | 8330N | 3-NITROTOLUENE | NO |
| G233DAA | MW-233 | 08/06/2002 | PROFILE | 220.00 | 220.00 | 3.55 | 3.55 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G233DAA | MW-233 | 08/06/2002 | PROFILE | 220.00 | 220.00 | 3.55 | 3.55 | 8330N | NITROGLYCERIN | NO |
| G233DAA | MW-233 | 08/06/2002 | PROFILE | 220.00 | 220.00 | 3.55 | 3.55 | 8330N | PICRIC ACID | NO |
| G233DAA | MW-233 | 08/06/2002 | PROFILE | 220.00 | 220.00 | 3.55 | 3.55 | OC21V | 1,2,4-TRICHLOROBENZENE | |
| G233DAA | MW-233 | 08/06/2002 | PROFILE | 220.00 | 220.00 | 3.55 | 3.55 | OC21V | 2-HEXANONE | |
| G233DAA | MW-233 | 08/06/2002 | PROFILE | 220.00 | 220.00 | 3.55 | 3.55 | OC21V | ACETONE | |
| G233DAA | MW-233 | 08/06/2002 | PROFILE | 220.00 | 220.00 | 3.55 | 3.55 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G233DBA | MW-233 | 08/07/2002 | PROFILE | 230.00 | 230.00 | 13.55 | 13.55 | 8330N | 3-NITROTOLUENE | NO |
| G233DBA | MW-233 | 08/07/2002 | PROFILE | 230.00 | 230.00 | 13.55 | 13.55 | 8330N | NITROGLYCERIN | NO |
| G233DBA | MW-233 | 08/07/2002 | PROFILE | 230.00 | 230.00 | 13.55 | 13.55 | 8330N | PICRIC ACID | NO |
| G233DBA | MW-233 | 08/07/2002 | PROFILE | 230.00 | 230.00 | 13.55 | 13.55 | E314.0 | PERCHLORATE | |
| G233DBA | MW-233 | 08/07/2002 | PROFILE | 230.00 | 230.00 | 13.55 | 13.55 | OC21V | CHLOROFORM | |
| G233DCA | MW-233 | 08/07/2002 | PROFILE | 240.00 | 240.00 | 23.55 | 23.55 | E314.0 | PERCHLORATE | |
| G233DCA | MW-233 | 08/07/2002 | PROFILE | 240.00 | 240.00 | 23.55 | 23.55 | OC21V | ACETONE | |
| G233DCA | MW-233 | 08/07/2002 | PROFILE | 240.00 | 240.00 | 23.55 | 23.55 | OC21V | CHLOROFORM | |
| G233DCA | MW-233 | 08/07/2002 | PROFILE | 240.00 | 240.00 | 23.55 | 23.55 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G233DDA | MW-233 | 08/07/2002 | PROFILE | 250.00 | 250.00 | 33.55 | 33.55 | E314.0 | PERCHLORATE | |
| G233DDA | MW-233 | 08/07/2002 | PROFILE | 250.00 | 250.00 | 33.55 | 33.55 | OC21V | CHLOROFORM | |
| G233DEA | MW-233 | 08/07/2002 | PROFILE | 260.00 | 260.00 | 43.55 | 43.55 | 8330N | NITROGLYCERIN | NO |
| G233DEA | MW-233 | 08/07/2002 | PROFILE | 260.00 | 260.00 | 43.55 | 43.55 | 8330N | PICRIC ACID | NO |
| G233DEA | MW-233 | 08/07/2002 | PROFILE | 260.00 | 260.00 | 43.55 | 43.55 | OC21V | ACETONE | |
| G233DFA | MW-233 | 08/07/2002 | PROFILE | 270.00 | 270.00 | 53.55 | 53.55 | 8330N | NITROGLYCERIN | NO |
| G233DFA | MW-233 | 08/07/2002 | PROFILE | 270.00 | 270.00 | 53.55 | 53.55 | 8330N | PICRIC ACID | NO |
| G233DFA | MW-233 | 08/07/2002 | PROFILE | 270.00 | 270.00 | 53.55 | 53.55 | OC21V | ACETONE | |
| G233DFA | MW-233 | 08/07/2002 | PROFILE | 270.00 | 270.00 | 53.55 | 53.55 | OC21V | CHLOROFORM | |
| G233DGA | MW-233 | 08/08/2002 | PROFILE | 280.00 | 280.00 | 63.55 | 63.55 | OC21V | ACETONE | |
| G233DGA | MW-233 | 08/08/2002 | PROFILE | 280.00 | 280.00 | 63.55 | 63.55 | OC21V | CHLOROFORM | |
| G233DGA | MW-233 | 08/08/2002 | PROFILE | 280.00 | 280.00 | 63.55 | 63.55 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G233DGD | MW-233 | 08/08/2002 | PROFILE | 280.00 | 280.00 | 63.55 | 63.55 | 8330N | NITROGLYCERIN | NO |
| G233DGD | MW-233 | 08/08/2002 | PROFILE | 280.00 | 280.00 | 63.55 | 63.55 | OC21V | ACETONE | |

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| G233DGD | MW-233 | 08/08/2002 | PROFILE | 280.00 | 280.00 | 63.55 | 63.55 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G233DHA | MW-233 | 08/08/2002 | PROFILE | 290.00 | 290.00 | 73.55 | 73.55 | OC21V | ACETONE | |
| G233DHA | MW-233 | 08/08/2002 | PROFILE | 290.00 | 290.00 | 73.55 | 73.55 | OC21V | CHLOROFORM | |
| G233DHA | MW-233 | 08/08/2002 | PROFILE | 290.00 | 290.00 | 73.55 | 73.55 | OC21V | CHLOROMETHANE | |
| G233DHA | MW-233 | 08/08/2002 | PROFILE | 290.00 | 290.00 | 73.55 | 73.55 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G233DIA | MW-233 | 08/08/2002 | PROFILE | 300.00 | 300.00 | 83.55 | 83.55 | 8330N | NITROGLYCERIN | NO |
| G233DIA | MW-233 | 08/08/2002 | PROFILE | 300.00 | 300.00 | 83.55 | 83.55 | OC21V | ACETONE | |
| G233DIA | MW-233 | 08/08/2002 | PROFILE | 300.00 | 300.00 | 83.55 | 83.55 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G233DJA | MW-233 | 08/09/2002 | PROFILE | 310.00 | 310.00 | 93.55 | 93.55 | 8330N | 2-AMINO-4,6-DINITROTOLUENE | NO |
| G233DJA | MW-233 | 08/09/2002 | PROFILE | 310.00 | 310.00 | 93.55 | 93.55 | 8330N | NITROGLYCERIN | NO |
| G233DJA | MW-233 | 08/09/2002 | PROFILE | 310.00 | 310.00 | 93.55 | 93.55 | OC21V | ACETONE | |
| G233DJA | MW-233 | 08/09/2002 | PROFILE | 310.00 | 310.00 | 93.55 | 93.55 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G233DKA | MW-233 | 08/09/2002 | PROFILE | 320.00 | 320.00 | 103.55 | 103.55 | 8330N | 3-NITROTOLUENE | NO |
| G233DKA | MW-233 | 08/09/2002 | PROFILE | 320.00 | 320.00 | 103.55 | 103.55 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G233DKA | MW-233 | 08/09/2002 | PROFILE | 320.00 | 320.00 | 103.55 | 103.55 | 8330N | NITROGLYCERIN | NO |
| G233DKA | MW-233 | 08/09/2002 | PROFILE | 320.00 | 320.00 | 103.55 | 103.55 | 8330N | PICRIC ACID | NO |
| G233DKA | MW-233 | 08/09/2002 | PROFILE | 320.00 | 320.00 | 103.55 | 103.55 | OC21V | 2-HEXANONE | |
| G233DKA | MW-233 | 08/09/2002 | PROFILE | 320.00 | 320.00 | 103.55 | 103.55 | OC21V | ACETONE | |
| G233DKA | MW-233 | 08/09/2002 | PROFILE | 320.00 | 320.00 | 103.55 | 103.55 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G233DLA | MW-233 | 08/09/2002 | PROFILE | 330.00 | 330.00 | 113.55 | 113.55 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G233DLA | MW-233 | 08/09/2002 | PROFILE | 330.00 | 330.00 | 113.55 | 113.55 | 8330N | NITROGLYCERIN | NO |
| G233DLA | MW-233 | 08/09/2002 | PROFILE | 330.00 | 330.00 | 113.55 | 113.55 | 8330N | PICRIC ACID | NO |
| G233DLA | MW-233 | 08/09/2002 | PROFILE | 330.00 | 330.00 | 113.55 | 113.55 | OC21V | 2-HEXANONE | |
| G233DLA | MW-233 | 08/09/2002 | PROFILE | 330.00 | 330.00 | 113.55 | 113.55 | OC21V | ACETONE | |
| G233DLA | MW-233 | 08/09/2002 | PROFILE | 330.00 | 330.00 | 113.55 | 113.55 | OC21V | CHLOROFORM | |
| G233DLA | MW-233 | 08/09/2002 | PROFILE | 330.00 | 330.00 | 113.55 | 113.55 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G233DMA | MW-233 | 08/14/2002 | PROFILE | 340.00 | 340.00 | 123.55 | 123.55 | 8330N | 1,3-DINITROBENZENE | NO |
| G233DMA | MW-233 | 08/14/2002 | PROFILE | 340.00 | 340.00 | 123.55 | 123.55 | 8330N | 3-NITROTOLUENE | NO |
| G233DMA | MW-233 | 08/14/2002 | PROFILE | 340.00 | 340.00 | 123.55 | 123.55 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G233DMA | MW-233 | 08/14/2002 | PROFILE | 340.00 | 340.00 | 123.55 | 123.55 | 8330N | NITROGLYCERIN | NO |
| G233DMA | MW-233 | 08/14/2002 | PROFILE | 340.00 | 340.00 | 123.55 | 123.55 | 8330N | PICRIC ACID | NO |
| G233DMA | MW-233 | 08/14/2002 | PROFILE | 340.00 | 340.00 | 123.55 | 123.55 | OC21V | 2-HEXANONE | |

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
* = Interference in sample

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| G233DMA | MW-233 | 08/14/2002 | PROFILE | 340.00 | 340.00 | 123.55 | 123.55 | OC21V | ACETONE | |
| G233DMA | MW-233 | 08/14/2002 | PROFILE | 340.00 | 340.00 | 123.55 | 123.55 | OC21V | CHLOROFORM | |
| G233DMA | MW-233 | 08/14/2002 | PROFILE | 340.00 | 340.00 | 123.55 | 123.55 | OC21V | CHLOROMETHANE | |
| G233DMA | MW-233 | 08/14/2002 | PROFILE | 340.00 | 340.00 | 123.55 | 123.55 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G233DNA | MW-233 | 08/14/2002 | PROFILE | 350.00 | 350.00 | 133.55 | 133.55 | OC21V | ACETONE | |
| G233DNA | MW-233 | 08/14/2002 | PROFILE | 350.00 | 350.00 | 133.55 | 133.55 | OC21V | CHLOROFORM | |
| G233DNA | MW-233 | 08/14/2002 | PROFILE | 350.00 | 350.00 | 133.55 | 133.55 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G233DOA | MW-233 | 08/14/2002 | PROFILE | 360.00 | 360.00 | 143.55 | 143.55 | 8330N | NITROGLYCERIN | NO |
| G233DOA | MW-233 | 08/14/2002 | PROFILE | 360.00 | 360.00 | 143.55 | 143.55 | OC21V | ACETONE | |
| G233DOA | MW-233 | 08/14/2002 | PROFILE | 360.00 | 360.00 | 143.55 | 143.55 | OC21V | CHLOROFORM | |
| G233DOA | MW-233 | 08/14/2002 | PROFILE | 360.00 | 360.00 | 143.55 | 143.55 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G233DPA | MW-233 | 08/14/2002 | PROFILE | 370.00 | 370.00 | 153.55 | 153.55 | 8330N | NITROGLYCERIN | NO |
| G233DPA | MW-233 | 08/14/2002 | PROFILE | 370.00 | 370.00 | 153.55 | 153.55 | OC21V | ACETONE | |
| G233DPA | MW-233 | 08/14/2002 | PROFILE | 370.00 | 370.00 | 153.55 | 153.55 | OC21V | CHLOROFORM | |
| G233DPA | MW-233 | 08/14/2002 | PROFILE | 370.00 | 370.00 | 153.55 | 153.55 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G233DQA | MW-233 | 08/14/2002 | PROFILE | 380.00 | 380.00 | 163.55 | 163.55 | 8330N | 1,3-DINITROBENZENE | NO |
| G233DQA | MW-233 | 08/14/2002 | PROFILE | 380.00 | 380.00 | 163.55 | 163.55 | 8330N | 3-NITROTOLUENE | NO |
| G233DQA | MW-233 | 08/14/2002 | PROFILE | 380.00 | 380.00 | 163.55 | 163.55 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G233DQA | MW-233 | 08/14/2002 | PROFILE | 380.00 | 380.00 | 163.55 | 163.55 | 8330N | NITROGLYCERIN | NO |
| G233DQA | MW-233 | 08/14/2002 | PROFILE | 380.00 | 380.00 | 163.55 | 163.55 | 8330N | PICRIC ACID | NO |
| G233DQA | MW-233 | 08/14/2002 | PROFILE | 380.00 | 380.00 | 163.55 | 163.55 | OC21V | 2-HEXANONE | |
| G233DQA | MW-233 | 08/14/2002 | PROFILE | 380.00 | 380.00 | 163.55 | 163.55 | OC21V | ACETONE | |
| G233DQA | MW-233 | 08/14/2002 | PROFILE | 380.00 | 380.00 | 163.55 | 163.55 | OC21V | CHLOROMETHANE | |
| G233DQA | MW-233 | 08/14/2002 | PROFILE | 380.00 | 380.00 | 163.55 | 163.55 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G233DQA | MW-233 | 08/14/2002 | PROFILE | 380.00 | 380.00 | 163.55 | 163.55 | OC21V | METHYL ISOBUTYL KETONE (4-M | |
| G233DRA | MW-233 | 08/16/2002 | PROFILE | 390.00 | 390.00 | 173.55 | 173.55 | 8330N | NITROGLYCERIN | NO |
| G233DRA | MW-233 | 08/16/2002 | PROFILE | 390.00 | 390.00 | 173.55 | 173.55 | OC21V | ACETONE | |
| G233DRA | MW-233 | 08/16/2002 | PROFILE | 390.00 | 390.00 | 173.55 | 173.55 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G233DSA | MW-233 | 08/20/2002 | PROFILE | 400.00 | 400.00 | 183.55 | 183.55 | 8330N | NITROGLYCERIN | NO |
| G233DSA | MW-233 | 08/20/2002 | PROFILE | 400.00 | 400.00 | 183.55 | 183.55 | 8330N | PICRIC ACID | NO |
| G233DSA | MW-233 | 08/20/2002 | PROFILE | 400.00 | 400.00 | 183.55 | 183.55 | OC21V | 1,2,4-TRICHLOROBENZENE | |
| G233DSA | MW-233 | 08/20/2002 | PROFILE | 400.00 | 400.00 | 183.55 | 183.55 | OC21V | ACETONE | |

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| G233DSA | MW-233 | 08/20/2002 | PROFILE | 400.00 | 400.00 | 183.55 | 183.55 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G233DTA | MW-233 | 08/21/2002 | PROFILE | 410.00 | 410.00 | 193.55 | 193.55 | 8330N | 1,3-DINITROBENZENE | NO |
| G233DTA | MW-233 | 08/21/2002 | PROFILE | 410.00 | 410.00 | 193.55 | 193.55 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO |
| G233DTA | MW-233 | 08/21/2002 | PROFILE | 410.00 | 410.00 | 193.55 | 193.55 | 8330N | NITROGLYCERIN | NO |
| G233DTA | MW-233 | 08/21/2002 | PROFILE | 410.00 | 410.00 | 193.55 | 193.55 | 8330N | PICRIC ACID | NO |
| G233DTA | MW-233 | 08/21/2002 | PROFILE | 410.00 | 410.00 | 193.55 | 193.55 | OC21V | 2-HEXANONE | |
| G233DTA | MW-233 | 08/21/2002 | PROFILE | 410.00 | 410.00 | 193.55 | 193.55 | OC21V | ACETONE | |
| G233DTA | MW-233 | 08/21/2002 | PROFILE | 410.00 | 410.00 | 193.55 | 193.55 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G233DTA | MW-233 | 08/21/2002 | PROFILE | 410.00 | 410.00 | 193.55 | 193.55 | OC21V | METHYL ISOBUTYL KETONE (4-M | |
| G233DUA | MW-233 | 08/21/2002 | PROFILE | 415.00 | 415.00 | 198.55 | 198.55 | 8330N | 3-NITROTOLUENE | NO |
| G233DUA | MW-233 | 08/21/2002 | PROFILE | 415.00 | 415.00 | 198.55 | 198.55 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G233DUA | MW-233 | 08/21/2002 | PROFILE | 415.00 | 415.00 | 198.55 | 198.55 | 8330N | NITROGLYCERIN | NO |
| G233DUA | MW-233 | 08/21/2002 | PROFILE | 415.00 | 415.00 | 198.55 | 198.55 | 8330N | PICRIC ACID | NO |
| G233DUA | MW-233 | 08/21/2002 | PROFILE | 415.00 | 415.00 | 198.55 | 198.55 | OC21V | 2-HEXANONE | |
| G233DUA | MW-233 | 08/21/2002 | PROFILE | 415.00 | 415.00 | 198.55 | 198.55 | OC21V | ACETONE | |
| G233DUA | MW-233 | 08/21/2002 | PROFILE | 415.00 | 415.00 | 198.55 | 198.55 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G234DAA | MW-234 | 08/08/2002 | PROFILE | 110.00 | 110.00 | 2.05 | 2.05 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| G234DAA | MW-234 | 08/08/2002 | PROFILE | 110.00 | 110.00 | 2.05 | 2.05 | 8330N | 2,6-DINITROTOLUENE | NO |
| G234DAA | MW-234 | 08/08/2002 | PROFILE | 110.00 | 110.00 | 2.05 | 2.05 | 8330N | 2-AMINO-4,6-DINITROTOLUENE | YES |
| G234DAA | MW-234 | 08/08/2002 | PROFILE | 110.00 | 110.00 | 2.05 | 2.05 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | YES |
| G234DAA | MW-234 | 08/08/2002 | PROFILE | 110.00 | 110.00 | 2.05 | 2.05 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES* |
| G234DAA | MW-234 | 08/08/2002 | PROFILE | 110.00 | 110.00 | 2.05 | 2.05 | 8330N | NITROGLYCERIN | NO |
| G234DAA | MW-234 | 08/08/2002 | PROFILE | 110.00 | 110.00 | 2.05 | 2.05 | E314.0 | PERCHLORATE | |
| G234DAA | MW-234 | 08/08/2002 | PROFILE | 110.00 | 110.00 | 2.05 | 2.05 | OC21V | ACETONE | |
| G234DAA | MW-234 | 08/08/2002 | PROFILE | 110.00 | 110.00 | 2.05 | 2.05 | OC21V | CHLOROMETHANE | |
| G234DBA | MW-234 | 08/09/2002 | PROFILE | 120.00 | 120.00 | 12.05 | 12.05 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G234DBA | MW-234 | 08/09/2002 | PROFILE | 120.00 | 120.00 | 12.05 | 12.05 | 8330N | 1,3-DINITROBENZENE | NO |
| G234DBA | MW-234 | 08/09/2002 | PROFILE | 120.00 | 120.00 | 12.05 | 12.05 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| G234DBA | MW-234 | 08/09/2002 | PROFILE | 120.00 | 120.00 | 12.05 | 12.05 | 8330N | 2,4-DIAMINO-6-NITROTOLUENE | NO |
| G234DBA | MW-234 | 08/09/2002 | PROFILE | 120.00 | 120.00 | 12.05 | 12.05 | 8330N | 2-AMINO-4,6-DINITROTOLUENE | YES |
| G234DBA | MW-234 | 08/09/2002 | PROFILE | 120.00 | 120.00 | 12.05 | 12.05 | 8330N | 2-NITROTOLUENE | NO |
| G234DBA | MW-234 | 08/09/2002 | PROFILE | 120.00 | 120.00 | 12.05 | 12.05 | 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
* = Interference in sample

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| G234DBA | MW-234 | 08/09/2002 | PROFILE | 120.00 | 120.00 | 12.05 | 12.05 | 8330N | 4-NITROTOLUENE | NO |
| G234DBA | MW-234 | 08/09/2002 | PROFILE | 120.00 | 120.00 | 12.05 | 12.05 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES* |
| G234DBA | MW-234 | 08/09/2002 | PROFILE | 120.00 | 120.00 | 12.05 | 12.05 | 8330N | NITROGLYCERIN | NO |
| G234DBA | MW-234 | 08/09/2002 | PROFILE | 120.00 | 120.00 | 12.05 | 12.05 | 8330N | PICRIC ACID | NO |
| G234DBA | MW-234 | 08/09/2002 | PROFILE | 120.00 | 120.00 | 12.05 | 12.05 | E314.0 | PERCHLORATE | |
| G234DBA | MW-234 | 08/09/2002 | PROFILE | 120.00 | 120.00 | 12.05 | 12.05 | OC21V | 1,2,4-TRICHLOROBENZENE | |
| G234DBA | MW-234 | 08/09/2002 | PROFILE | 120.00 | 120.00 | 12.05 | 12.05 | OC21V | ACETONE | |
| G234DBA | MW-234 | 08/09/2002 | PROFILE | 120.00 | 120.00 | 12.05 | 12.05 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G234DCA | MW-234 | 08/09/2002 | PROFILE | 130.00 | 130.00 | 22.05 | 22.05 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G234DCA | MW-234 | 08/09/2002 | PROFILE | 130.00 | 130.00 | 22.05 | 22.05 | 8330N | 1,3-DINITROBENZENE | NO |
| G234DCA | MW-234 | 08/09/2002 | PROFILE | 130.00 | 130.00 | 22.05 | 22.05 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| G234DCA | MW-234 | 08/09/2002 | PROFILE | 130.00 | 130.00 | 22.05 | 22.05 | 8330N | 2-AMINO-4,6-DINITROTOLUENE | YES |
| G234DCA | MW-234 | 08/09/2002 | PROFILE | 130.00 | 130.00 | 22.05 | 22.05 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | YES |
| G234DCA | MW-234 | 08/09/2002 | PROFILE | 130.00 | 130.00 | 22.05 | 22.05 | 8330N | 4-NITROTOLUENE | NO |
| G234DCA | MW-234 | 08/09/2002 | PROFILE | 130.00 | 130.00 | 22.05 | 22.05 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES* |
| G234DCA | MW-234 | 08/09/2002 | PROFILE | 130.00 | 130.00 | 22.05 | 22.05 | 8330N | NITROGLYCERIN | NO |
| G234DCA | MW-234 | 08/09/2002 | PROFILE | 130.00 | 130.00 | 22.05 | 22.05 | 8330N | PICRIC ACID | NO |
| G234DCA | MW-234 | 08/09/2002 | PROFILE | 130.00 | 130.00 | 22.05 | 22.05 | E314.0 | PERCHLORATE | |
| G234DCA | MW-234 | 08/09/2002 | PROFILE | 130.00 | 130.00 | 22.05 | 22.05 | OC21V | ACETONE | |
| G234DDA | MW-234 | 08/12/2002 | PROFILE | 140.00 | 140.00 | 32.05 | 32.05 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | YES |
| G234DDA | MW-234 | 08/12/2002 | PROFILE | 140.00 | 140.00 | 32.05 | 32.05 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| G234DDA | MW-234 | 08/12/2002 | PROFILE | 140.00 | 140.00 | 32.05 | 32.05 | 8330N | NITROGLYCERIN | NO |
| G234DDA | MW-234 | 08/12/2002 | PROFILE | 140.00 | 140.00 | 32.05 | 32.05 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| G234DDA | MW-234 | 08/12/2002 | PROFILE | 140.00 | 140.00 | 32.05 | 32.05 | E314.0 | PERCHLORATE | |
| G234DDA | MW-234 | 08/12/2002 | PROFILE | 140.00 | 140.00 | 32.05 | 32.05 | OC21V | ACETONE | |
| G234DEA | MW-234 | 08/12/2002 | PROFILE | 150.00 | 150.00 | 42.05 | 42.05 | 8330N | NITROGLYCERIN | NO |
| G234DEA | MW-234 | 08/12/2002 | PROFILE | 150.00 | 150.00 | 42.05 | 42.05 | OC21V | ACETONE | |
| G234DEA | MW-234 | 08/12/2002 | PROFILE | 150.00 | 150.00 | 42.05 | 42.05 | OC21V | CHLOROFORM | |
| G234DFA | MW-234 | 08/12/2002 | PROFILE | 160.00 | 160.00 | 52.05 | 52.05 | 8330N | NITROGLYCERIN | NO |
| G234DFA | MW-234 | 08/12/2002 | PROFILE | 160.00 | 160.00 | 52.05 | 52.05 | OC21V | ACETONE | |
| G234DFA | MW-234 | 08/12/2002 | PROFILE | 160.00 | 160.00 | 52.05 | 52.05 | OC21V | CHLOROFORM | |
| G234DFD | MW-234 | 08/12/2002 | PROFILE | 160.00 | 160.00 | 52.05 | 52.05 | 8330N | NITROGLYCERIN | NO |

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| G234DFD | MW-234 | 08/12/2002 | PROFILE | 160.00 | 160.00 | 52.05 | 52.05 | OC21V | ACETONE | |
| G234DFD | MW-234 | 08/12/2002 | PROFILE | 160.00 | 160.00 | 52.05 | 52.05 | OC21V | CHLOROFORM | |
| G234DGA | MW-234 | 08/12/2002 | PROFILE | 170.00 | 170.00 | 62.05 | 62.05 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G234DGA | MW-234 | 08/12/2002 | PROFILE | 170.00 | 170.00 | 62.05 | 62.05 | 8330N | 1,3-DINITROBENZENE | NO |
| G234DGA | MW-234 | 08/12/2002 | PROFILE | 170.00 | 170.00 | 62.05 | 62.05 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| G234DGA | MW-234 | 08/12/2002 | PROFILE | 170.00 | 170.00 | 62.05 | 62.05 | 8330N | 2-NITROTOLUENE | NO |
| G234DGA | MW-234 | 08/12/2002 | PROFILE | 170.00 | 170.00 | 62.05 | 62.05 | 8330N | 4-NITROTOLUENE | NO |
| G234DGA | MW-234 | 08/12/2002 | PROFILE | 170.00 | 170.00 | 62.05 | 62.05 | 8330N | NITROGLYCERIN | NO |
| G234DGA | MW-234 | 08/12/2002 | PROFILE | 170.00 | 170.00 | 62.05 | 62.05 | 8330N | PICRIC ACID | NO |
| G234DGA | MW-234 | 08/12/2002 | PROFILE | 170.00 | 170.00 | 62.05 | 62.05 | OC21V | ACETONE | |
| G234DGA | MW-234 | 08/12/2002 | PROFILE | 170.00 | 170.00 | 62.05 | 62.05 | OC21V | CHLOROFORM | |
| G234DGA | MW-234 | 08/12/2002 | PROFILE | 170.00 | 170.00 | 62.05 | 62.05 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G234DHA | MW-234 | 08/12/2002 | PROFILE | 180.00 | 180.00 | 72.05 | 72.05 | OC21V | ACETONE | |
| G234DHA | MW-234 | 08/12/2002 | PROFILE | 180.00 | 180.00 | 72.05 | 72.05 | OC21V | CHLOROFORM | |
| G234DIA | MW-234 | 08/12/2002 | PROFILE | 190.00 | 190.00 | 82.05 | 82.05 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G234DIA | MW-234 | 08/12/2002 | PROFILE | 190.00 | 190.00 | 82.05 | 82.05 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| G234DIA | MW-234 | 08/12/2002 | PROFILE | 190.00 | 190.00 | 82.05 | 82.05 | 8330N | NITROGLYCERIN | NO |
| G234DIA | MW-234 | 08/12/2002 | PROFILE | 190.00 | 190.00 | 82.05 | 82.05 | E314.0 | PERCHLORATE | |
| G234DIA | MW-234 | 08/12/2002 | PROFILE | 190.00 | 190.00 | 82.05 | 82.05 | OC21V | ACETONE | |
| G234DIA | MW-234 | 08/12/2002 | PROFILE | 190.00 | 190.00 | 82.05 | 82.05 | OC21V | CHLOROFORM | |
| G234DIA | MW-234 | 08/12/2002 | PROFILE | 190.00 | 190.00 | 82.05 | 82.05 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G234DJA | MW-234 | 08/12/2002 | PROFILE | 200.00 | 200.00 | 92.05 | 92.05 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G234DJA | MW-234 | 08/12/2002 | PROFILE | 200.00 | 200.00 | 92.05 | 92.05 | 8330N | 1,3-DINITROBENZENE | NO |
| G234DJA | MW-234 | 08/12/2002 | PROFILE | 200.00 | 200.00 | 92.05 | 92.05 | 8330N | 2,4,6-TRINITROTOLUENE | NO* |
| G234DJA | MW-234 | 08/12/2002 | PROFILE | 200.00 | 200.00 | 92.05 | 92.05 | 8330N | 2,4-DIAMINO-6-NITROTOLUENE | NO* |
| G234DJA | MW-234 | 08/12/2002 | PROFILE | 200.00 | 200.00 | 92.05 | 92.05 | 8330N | 2,6-DINITROTOLUENE | YES* |
| G234DJA | MW-234 | 08/12/2002 | PROFILE | 200.00 | 200.00 | 92.05 | 92.05 | 8330N | 2-NITROTOLUENE | NO |
| G234DJA | MW-234 | 08/12/2002 | PROFILE | 200.00 | 200.00 | 92.05 | 92.05 | 8330N | 3-NITROTOLUENE | NO |
| G234DJA | MW-234 | 08/12/2002 | PROFILE | 200.00 | 200.00 | 92.05 | 92.05 | 8330N | 4-NITROTOLUENE | NO |
| G234DJA | MW-234 | 08/12/2002 | PROFILE | 200.00 | 200.00 | 92.05 | 92.05 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO* |
| G234DJA | MW-234 | 08/12/2002 | PROFILE | 200.00 | 200.00 | 92.05 | 92.05 | 8330N | NITROGLYCERIN | NO |
| G234DJA | MW-234 | 08/12/2002 | PROFILE | 200.00 | 200.00 | 92.05 | 92.05 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | NO* |

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| G234DJA | MW-234 | 08/12/2002 | PROFILE | 200.00 | 200.00 | 92.05 | 92.05 | 8330N | PICRIC ACID | NO |
| G234DJA | MW-234 | 08/12/2002 | PROFILE | 200.00 | 200.00 | 92.05 | 92.05 | OC21V | ACETONE | |
| G234DJA | MW-234 | 08/12/2002 | PROFILE | 200.00 | 200.00 | 92.05 | 92.05 | OC21V | CHLOROFORM | |
| G234DJA | MW-234 | 08/12/2002 | PROFILE | 200.00 | 200.00 | 92.05 | 92.05 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G234DKA | MW-234 | 08/12/2002 | PROFILE | 210.00 | 210.00 | 102.05 | 102.05 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G234DKA | MW-234 | 08/12/2002 | PROFILE | 210.00 | 210.00 | 102.05 | 102.05 | 8330N | 1,3-DINITROBENZENE | NO |
| G234DKA | MW-234 | 08/12/2002 | PROFILE | 210.00 | 210.00 | 102.05 | 102.05 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| G234DKA | MW-234 | 08/12/2002 | PROFILE | 210.00 | 210.00 | 102.05 | 102.05 | 8330N | 2,4-DIAMINO-6-NITROTOLUENE | NO* |
| G234DKA | MW-234 | 08/12/2002 | PROFILE | 210.00 | 210.00 | 102.05 | 102.05 | 8330N | 2,6-DINITROTOLUENE | YES* |
| G234DKA | MW-234 | 08/12/2002 | PROFILE | 210.00 | 210.00 | 102.05 | 102.05 | 8330N | 2-NITROTOLUENE | NO |
| G234DKA | MW-234 | 08/12/2002 | PROFILE | 210.00 | 210.00 | 102.05 | 102.05 | 8330N | 4-NITROTOLUENE | NO |
| G234DKA | MW-234 | 08/12/2002 | PROFILE | 210.00 | 210.00 | 102.05 | 102.05 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO* |
| G234DKA | MW-234 | 08/12/2002 | PROFILE | 210.00 | 210.00 | 102.05 | 102.05 | 8330N | NITROGLYCERIN | NO |
| G234DKA | MW-234 | 08/12/2002 | PROFILE | 210.00 | 210.00 | 102.05 | 102.05 | 8330N | PICRIC ACID | NO |
| G234DKA | MW-234 | 08/12/2002 | PROFILE | 210.00 | 210.00 | 102.05 | 102.05 | OC21V | ACETONE | |
| G234DKA | MW-234 | 08/12/2002 | PROFILE | 210.00 | 210.00 | 102.05 | 102.05 | OC21V | CHLOROFORM | |
| G234DKA | MW-234 | 08/12/2002 | PROFILE | 210.00 | 210.00 | 102.05 | 102.05 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G234DLA | MW-234 | 08/12/2002 | PROFILE | 220.00 | 220.00 | 112.05 | 112.05 | 8330N | NITROGLYCERIN | NO |
| G234DLA | MW-234 | 08/12/2002 | PROFILE | 220.00 | 220.00 | 112.05 | 112.05 | OC21V | ACETONE | |
| G234DLA | MW-234 | 08/12/2002 | PROFILE | 220.00 | 220.00 | 112.05 | 112.05 | OC21V | CHLOROFORM | |
| G234DLA | MW-234 | 08/12/2002 | PROFILE | 220.00 | 220.00 | 112.05 | 112.05 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G234DMA | MW-234 | 08/12/2002 | PROFILE | 230.00 | 230.00 | 122.05 | 122.05 | OC21V | CHLOROFORM | |
| G234DNA | MW-234 | 08/12/2002 | PROFILE | 240.00 | 240.00 | 132.05 | 132.05 | OC21V | ACETONE | |
| G234DNA | MW-234 | 08/12/2002 | PROFILE | 240.00 | 240.00 | 132.05 | 132.05 | OC21V | CHLOROFORM | |
| G234DOA | MW-234 | 08/13/2002 | PROFILE | 250.00 | 250.00 | 142.05 | 142.05 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G234DOA | MW-234 | 08/13/2002 | PROFILE | 250.00 | 250.00 | 142.05 | 142.05 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G234DOA | MW-234 | 08/13/2002 | PROFILE | 250.00 | 250.00 | 142.05 | 142.05 | 8330N | 4-NITROTOLUENE | NO |
| G234DOA | MW-234 | 08/13/2002 | PROFILE | 250.00 | 250.00 | 142.05 | 142.05 | 8330N | NITROGLYCERIN | NO |
| G234DOA | MW-234 | 08/13/2002 | PROFILE | 250.00 | 250.00 | 142.05 | 142.05 | 8330N | PICRIC ACID | NO |
| G234DOA | MW-234 | 08/13/2002 | PROFILE | 250.00 | 250.00 | 142.05 | 142.05 | OC21V | ACETONE | |
| G234DOA | MW-234 | 08/13/2002 | PROFILE | 250.00 | 250.00 | 142.05 | 142.05 | OC21V | CHLOROFORM | |
| G234DOA | MW-234 | 08/13/2002 | PROFILE | 250.00 | 250.00 | 142.05 | 142.05 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |

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
* = Interference in sample

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| G234DPA | MW-234 | 08/13/2002 | PROFILE | 260.00 | 260.00 | 152.05 | 152.05 | OC21V | ACETONE | |
| G234DPA | MW-234 | 08/13/2002 | PROFILE | 260.00 | 260.00 | 152.05 | 152.05 | OC21V | CHLOROFORM | |
| G234DPA | MW-234 | 08/13/2002 | PROFILE | 260.00 | 260.00 | 152.05 | 152.05 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G234DQA | MW-234 | 08/13/2002 | PROFILE | 270.00 | 270.00 | 162.05 | 162.05 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G234DQA | MW-234 | 08/13/2002 | PROFILE | 270.00 | 270.00 | 162.05 | 162.05 | 8330N | 1,3-DINITROBENZENE | NO |
| G234DQA | MW-234 | 08/13/2002 | PROFILE | 270.00 | 270.00 | 162.05 | 162.05 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| G234DQA | MW-234 | 08/13/2002 | PROFILE | 270.00 | 270.00 | 162.05 | 162.05 | 8330N | 2,4-DIAMINO-6-NITROTOLUENE | YES* |
| G234DQA | MW-234 | 08/13/2002 | PROFILE | 270.00 | 270.00 | 162.05 | 162.05 | 8330N | 2-NITROTOLUENE | NO |
| G234DQA | MW-234 | 08/13/2002 | PROFILE | 270.00 | 270.00 | 162.05 | 162.05 | 8330N | 4-NITROTOLUENE | NO |
| G234DQA | MW-234 | 08/13/2002 | PROFILE | 270.00 | 270.00 | 162.05 | 162.05 | 8330N | NITROGLYCERIN | NO |
| G234DQA | MW-234 | 08/13/2002 | PROFILE | 270.00 | 270.00 | 162.05 | 162.05 | 8330N | PICRIC ACID | NO |
| G234DQA | MW-234 | 08/13/2002 | PROFILE | 270.00 | 270.00 | 162.05 | 162.05 | OC21V | ACETONE | |
| G234DQA | MW-234 | 08/13/2002 | PROFILE | 270.00 | 270.00 | 162.05 | 162.05 | OC21V | CHLOROFORM | |
| G234DQA | MW-234 | 08/13/2002 | PROFILE | 270.00 | 270.00 | 162.05 | 162.05 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G234DRA | MW-234 | 08/13/2002 | PROFILE | 280.00 | 280.00 | 172.05 | 172.05 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G234DRA | MW-234 | 08/13/2002 | PROFILE | 280.00 | 280.00 | 172.05 | 172.05 | 8330N | 1,3-DINITROBENZENE | NO |
| G234DRA | MW-234 | 08/13/2002 | PROFILE | 280.00 | 280.00 | 172.05 | 172.05 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| G234DRA | MW-234 | 08/13/2002 | PROFILE | 280.00 | 280.00 | 172.05 | 172.05 | 8330N | 2,4-DIAMINO-6-NITROTOLUENE | NO* |
| G234DRA | MW-234 | 08/13/2002 | PROFILE | 280.00 | 280.00 | 172.05 | 172.05 | 8330N | 2,6-DINITROTOLUENE | NO* |
| G234DRA | MW-234 | 08/13/2002 | PROFILE | 280.00 | 280.00 | 172.05 | 172.05 | 8330N | 2-NITROTOLUENE | NO |
| G234DRA | MW-234 | 08/13/2002 | PROFILE | 280.00 | 280.00 | 172.05 | 172.05 | 8330N | 4-NITROTOLUENE | NO |
| G234DRA | MW-234 | 08/13/2002 | PROFILE | 280.00 | 280.00 | 172.05 | 172.05 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO* |
| G234DRA | MW-234 | 08/13/2002 | PROFILE | 280.00 | 280.00 | 172.05 | 172.05 | 8330N | NITROGLYCERIN | NO |
| G234DRA | MW-234 | 08/13/2002 | PROFILE | 280.00 | 280.00 | 172.05 | 172.05 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | YES* |
| G234DRA | MW-234 | 08/13/2002 | PROFILE | 280.00 | 280.00 | 172.05 | 172.05 | 8330N | PICRIC ACID | NO |
| G234DRA | MW-234 | 08/13/2002 | PROFILE | 280.00 | 280.00 | 172.05 | 172.05 | OC21V | ACETONE | |
| G234DRA | MW-234 | 08/13/2002 | PROFILE | 280.00 | 280.00 | 172.05 | 172.05 | OC21V | CHLOROFORM | |
| G234DRA | MW-234 | 08/13/2002 | PROFILE | 280.00 | 280.00 | 172.05 | 172.05 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G234DSA | MW-234 | 08/13/2002 | PROFILE | 290.00 | 290.00 | 182.05 | 182.05 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G234DSA | MW-234 | 08/13/2002 | PROFILE | 290.00 | 290.00 | 182.05 | 182.05 | 8330N | 1,3-DINITROBENZENE | NO |
| G234DSA | MW-234 | 08/13/2002 | PROFILE | 290.00 | 290.00 | 182.05 | 182.05 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| G234DSA | MW-234 | 08/13/2002 | PROFILE | 290.00 | 290.00 | 182.05 | 182.05 | 8330N | 2,4-DIAMINO-6-NITROTOLUENE | NO* |

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| G234DSA | MW-234 | 08/13/2002 | PROFILE | 290.00 | 290.00 | 182.05 | 182.05 | 8330N | 2,6-DINITROTOLUENE | NO* |
| G234DSA | MW-234 | 08/13/2002 | PROFILE | 290.00 | 290.00 | 182.05 | 182.05 | 8330N | 2-NITROTOLUENE | NO |
| G234DSA | MW-234 | 08/13/2002 | PROFILE | 290.00 | 290.00 | 182.05 | 182.05 | 8330N | 3-NITROTOLUENE | NO |
| G234DSA | MW-234 | 08/13/2002 | PROFILE | 290.00 | 290.00 | 182.05 | 182.05 | 8330N | 4-NITROTOLUENE | NO |
| G234DSA | MW-234 | 08/13/2002 | PROFILE | 290.00 | 290.00 | 182.05 | 182.05 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO |
| G234DSA | MW-234 | 08/13/2002 | PROFILE | 290.00 | 290.00 | 182.05 | 182.05 | 8330N | NITROGLYCERIN | NO |
| G234DSA | MW-234 | 08/13/2002 | PROFILE | 290.00 | 290.00 | 182.05 | 182.05 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | NO* |
| G234DSA | MW-234 | 08/13/2002 | PROFILE | 290.00 | 290.00 | 182.05 | 182.05 | 8330N | PICRIC ACID | NO |
| G234DSA | MW-234 | 08/13/2002 | PROFILE | 290.00 | 290.00 | 182.05 | 182.05 | OC21V | ACETONE | |
| G234DSA | MW-234 | 08/13/2002 | PROFILE | 290.00 | 290.00 | 182.05 | 182.05 | OC21V | BENZENE | |
| G234DSA | MW-234 | 08/13/2002 | PROFILE | 290.00 | 290.00 | 182.05 | 182.05 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G234DTA | MW-234 | 08/13/2002 | PROFILE | 300.00 | 300.00 | 192.05 | 192.05 | 8330N | NITROGLYCERIN | NO |
| G234DTA | MW-234 | 08/13/2002 | PROFILE | 300.00 | 300.00 | 192.05 | 192.05 | OC21V | ACETONE | |
| G234DTA | MW-234 | 08/13/2002 | PROFILE | 300.00 | 300.00 | 192.05 | 192.05 | OC21V | CHLOROFORM | |
| G234DUA | MW-234 | 08/13/2002 | PROFILE | 310.00 | 310.00 | 202.05 | 202.05 | 8330N | NITROGLYCERIN | NO |
| G234DUA | MW-234 | 08/13/2002 | PROFILE | 310.00 | 310.00 | 202.05 | 202.05 | OC21V | ACETONE | |
| G234DUA | MW-234 | 08/13/2002 | PROFILE | 310.00 | 310.00 | 202.05 | 202.05 | OC21V | CHLOROFORM | |
| G234DUA | MW-234 | 08/13/2002 | PROFILE | 310.00 | 310.00 | 202.05 | 202.05 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G234DVA | MW-234 | 08/14/2002 | PROFILE | 320.00 | 320.00 | 212.05 | 212.05 | 8330N | 2,6-DINITROTOLUENE | NO* |
| G234DVA | MW-234 | 08/14/2002 | PROFILE | 320.00 | 320.00 | 212.05 | 212.05 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G234DVA | MW-234 | 08/14/2002 | PROFILE | 320.00 | 320.00 | 212.05 | 212.05 | 8330N | NITROGLYCERIN | NO* |
| G234DVA | MW-234 | 08/14/2002 | PROFILE | 320.00 | 320.00 | 212.05 | 212.05 | 8330N | PICRIC ACID | NO |
| G234DVA | MW-234 | 08/14/2002 | PROFILE | 320.00 | 320.00 | 212.05 | 212.05 | OC21V | ACETONE | |
| G234DVA | MW-234 | 08/14/2002 | PROFILE | 320.00 | 320.00 | 212.05 | 212.05 | OC21V | CHLOROFORM | |
| G234DWA | MW-234 | 08/14/2002 | PROFILE | 330.00 | 330.00 | 222.05 | 222.05 | OC21V | ACETONE | |
| G234DWA | MW-234 | 08/14/2002 | PROFILE | 330.00 | 330.00 | 222.05 | 222.05 | OC21V | CHLOROFORM | |
| G234DXA | MW-234 | 08/14/2002 | PROFILE | 340.00 | 340.00 | 232.05 | 232.05 | OC21V | CHLOROFORM | |
| G234DYA | MW-234 | 08/14/2002 | PROFILE | 347.00 | 347.00 | 239.05 | 239.05 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G234DYA | MW-234 | 08/14/2002 | PROFILE | 347.00 | 347.00 | 239.05 | 239.05 | 8330N | 2,6-DINITROTOLUENE | NO* |
| G234DYA | MW-234 | 08/14/2002 | PROFILE | 347.00 | 347.00 | 239.05 | 239.05 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO* |
| G234DYA | MW-234 | 08/14/2002 | PROFILE | 347.00 | 347.00 | 239.05 | 239.05 | 8330N | NITROGLYCERIN | NO |
| G234DYA | MW-234 | 08/14/2002 | PROFILE | 347.00 | 347.00 | 239.05 | 239.05 | 8330N | PENTAERYTHRITOL TETRANITR | NO |

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| G234DYA | MW-234 | 08/14/2002 | PROFILE | 347.00 | 347.00 | 239.05 | 239.05 | OC21V | ACETONE | |
| G234DYA | MW-234 | 08/14/2002 | PROFILE | 347.00 | 347.00 | 239.05 | 239.05 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G235DAA | MW-235 | 08/23/2002 | PROFILE | 130.00 | 130.00 | 1.50 | 1.50 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G235DAA | MW-235 | 08/23/2002 | PROFILE | 130.00 | 130.00 | 1.50 | 1.50 | 8330N | 2,6-DINITROTOLUENE | YES* |
| G235DAA | MW-235 | 08/23/2002 | PROFILE | 130.00 | 130.00 | 1.50 | 1.50 | 8330N | 4-NITROTOLUENE | NO |
| G235DAA | MW-235 | 08/23/2002 | PROFILE | 130.00 | 130.00 | 1.50 | 1.50 | 8330N | NITROGLYCERIN | NO |
| G235DBA | MW-235 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 11.50 | 11.50 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G235DBA | MW-235 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 11.50 | 11.50 | 8330N | 1,3-DINITROBENZENE | NO |
| G235DBA | MW-235 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 11.50 | 11.50 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| G235DBA | MW-235 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 11.50 | 11.50 | 8330N | 2,6-DINITROTOLUENE | YES* |
| G235DBA | MW-235 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 11.50 | 11.50 | 8330N | 2-AMINO-4,6-DINITROTOLUENE | NO |
| G235DBA | MW-235 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 11.50 | 11.50 | 8330N | 2-NITROTOLUENE | NO |
| G235DBA | MW-235 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 11.50 | 11.50 | 8330N | 3-NITROTOLUENE | YES* |
| G235DBA | MW-235 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 11.50 | 11.50 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G235DBA | MW-235 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 11.50 | 11.50 | 8330N | 4-NITROTOLUENE | NO |
| G235DBA | MW-235 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 11.50 | 11.50 | 8330N | NITROGLYCERIN | NO |
| G235DBA | MW-235 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 11.50 | 11.50 | 8330N | PICRIC ACID | NO |
| G235DCA | MW-235 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 21.50 | 21.50 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G235DCA | MW-235 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 21.50 | 21.50 | 8330N | 1,3-DINITROBENZENE | NO |
| G235DCA | MW-235 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 21.50 | 21.50 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| G235DCA | MW-235 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 21.50 | 21.50 | 8330N | 2,4-DIAMINO-6-NITROTOLUENE | NO |
| G235DCA | MW-235 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 21.50 | 21.50 | 8330N | 2,6-DINITROTOLUENE | YES* |
| G235DCA | MW-235 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 21.50 | 21.50 | 8330N | 2-NITROTOLUENE | NO |
| G235DCA | MW-235 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 21.50 | 21.50 | 8330N | 3-NITROTOLUENE | NO |
| G235DCA | MW-235 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 21.50 | 21.50 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G235DCA | MW-235 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 21.50 | 21.50 | 8330N | 4-NITROTOLUENE | NO |
| G235DCA | MW-235 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 21.50 | 21.50 | 8330N | NITROGLYCERIN | NO |
| G235DCA | MW-235 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 21.50 | 21.50 | 8330N | PICRIC ACID | NO |
| G235DDA | MW-235 | 08/26/2002 | PROFILE | 160.00 | 160.00 | 31.50 | 31.50 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G235DDA | MW-235 | 08/26/2002 | PROFILE | 160.00 | 160.00 | 31.50 | 31.50 | 8330N | 2,6-DINITROTOLUENE | YES* |
| G235DDA | MW-235 | 08/26/2002 | PROFILE | 160.00 | 160.00 | 31.50 | 31.50 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G235DDA | MW-235 | 08/26/2002 | PROFILE | 160.00 | 160.00 | 31.50 | 31.50 | 8330N | 4-NITROTOLUENE | NO |

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| G235DDA | MW-235 | 08/26/2002 | PROFILE | 160.00 | 160.00 | 31.50 | 31.50 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| G235DDA | MW-235 | 08/26/2002 | PROFILE | 160.00 | 160.00 | 31.50 | 31.50 | 8330N | NITROGLYCERIN | NO |
| G235DDA | MW-235 | 08/26/2002 | PROFILE | 160.00 | 160.00 | 31.50 | 31.50 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | YES |
| G235DDA | MW-235 | 08/26/2002 | PROFILE | 160.00 | 160.00 | 31.50 | 31.50 | 8330N | PICRIC ACID | NO |
| G235DDD | MW-235 | 08/26/2002 | PROFILE | 160.00 | 160.00 | 31.50 | 31.50 | 8330N | 2,6-DINITROTOLUENE | YES |
| G235DDD | MW-235 | 08/26/2002 | PROFILE | 160.00 | 160.00 | 31.50 | 31.50 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | YES |
| G235DDD | MW-235 | 08/26/2002 | PROFILE | 160.00 | 160.00 | 31.50 | 31.50 | 8330N | NITROGLYCERIN | NO |
| G235DEA | MW-235 | 08/26/2002 | PROFILE | 170.00 | 170.00 | 41.50 | 41.50 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G235DEA | MW-235 | 08/26/2002 | PROFILE | 170.00 | 170.00 | 41.50 | 41.50 | 8330N | 2,4,6-TRINITROTOLUENE | NO* |
| G235DEA | MW-235 | 08/26/2002 | PROFILE | 170.00 | 170.00 | 41.50 | 41.50 | 8330N | 2,6-DINITROTOLUENE | NO* |
| G235DEA | MW-235 | 08/26/2002 | PROFILE | 170.00 | 170.00 | 41.50 | 41.50 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G235DEA | MW-235 | 08/26/2002 | PROFILE | 170.00 | 170.00 | 41.50 | 41.50 | 8330N | 4-NITROTOLUENE | NO |
| G235DEA | MW-235 | 08/26/2002 | PROFILE | 170.00 | 170.00 | 41.50 | 41.50 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO |
| G235DEA | MW-235 | 08/26/2002 | PROFILE | 170.00 | 170.00 | 41.50 | 41.50 | 8330N | NITROGLYCERIN | NO |
| G235DEA | MW-235 | 08/26/2002 | PROFILE | 170.00 | 170.00 | 41.50 | 41.50 | 8330N | PICRIC ACID | NO |
| G235DGA | MW-235 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 61.50 | 61.50 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G235DGA | MW-235 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 61.50 | 61.50 | 8330N | 2,6-DINITROTOLUENE | YES* |
| G235DGA | MW-235 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 61.50 | 61.50 | 8330N | 4-NITROTOLUENE | NO |
| G235DGA | MW-235 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 61.50 | 61.50 | 8330N | NITROGLYCERIN | NO |
| G235DHA | MW-235 | 08/26/2002 | PROFILE | 200.00 | 200.00 | 71.50 | 71.50 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G235DHA | MW-235 | 08/26/2002 | PROFILE | 200.00 | 200.00 | 71.50 | 71.50 | 8330N | 1,3-DINITROBENZENE | NO |
| G235DHA | MW-235 | 08/26/2002 | PROFILE | 200.00 | 200.00 | 71.50 | 71.50 | 8330N | 2,6-DINITROTOLUENE | YES* |
| G235DHA | MW-235 | 08/26/2002 | PROFILE | 200.00 | 200.00 | 71.50 | 71.50 | 8330N | 2-NITROTOLUENE | NO |
| G235DHA | MW-235 | 08/26/2002 | PROFILE | 200.00 | 200.00 | 71.50 | 71.50 | 8330N | 4-NITROTOLUENE | NO |
| G235DHA | MW-235 | 08/26/2002 | PROFILE | 200.00 | 200.00 | 71.50 | 71.50 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO |
| G235DHA | MW-235 | 08/26/2002 | PROFILE | 200.00 | 200.00 | 71.50 | 71.50 | 8330N | NITROGLYCERIN | NO |
| G235DHA | MW-235 | 08/26/2002 | PROFILE | 200.00 | 200.00 | 71.50 | 71.50 | 8330N | PICRIC ACID | NO |
| G235DIA | MW-235 | 08/26/2002 | PROFILE | 210.00 | 210.00 | 81.50 | 81.50 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G235DIA | MW-235 | 08/26/2002 | PROFILE | 210.00 | 210.00 | 81.50 | 81.50 | 8330N | 2,4-DIAMINO-6-NITROTOLUENE | YES* |
| G235DIA | MW-235 | 08/26/2002 | PROFILE | 210.00 | 210.00 | 81.50 | 81.50 | 8330N | 2,6-DINITROTOLUENE | YES* |
| G235DIA | MW-235 | 08/26/2002 | PROFILE | 210.00 | 210.00 | 81.50 | 81.50 | 8330N | 4-NITROTOLUENE | NO |
| G235DIA | MW-235 | 08/26/2002 | PROFILE | 210.00 | 210.00 | 81.50 | 81.50 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO |

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| G235DIA | MW-235 | 08/26/2002 | PROFILE | 210.00 | 210.00 | 81.50 | 81.50 | 8330N | NITROGLYCERIN | NO |
| G235DKA | MW-235 | 08/27/2002 | PROFILE | 230.00 | 230.00 | 101.50 | 101.50 | 8330N | 2,6-DINITROTOLUENE | NO |
| G235DKA | MW-235 | 08/27/2002 | PROFILE | 230.00 | 230.00 | 101.50 | 101.50 | 8330N | NITROGLYCERIN | NO |
| G235DKA | MW-235 | 08/27/2002 | PROFILE | 230.00 | 230.00 | 101.50 | 101.50 | 8330N | PICRIC ACID | NO |
| G235DLA | MW-235 | 08/27/2002 | PROFILE | 240.00 | 240.00 | 111.50 | 111.50 | 8330N | 2,6-DINITROTOLUENE | NO |
| G235DLA | MW-235 | 08/27/2002 | PROFILE | 240.00 | 240.00 | 111.50 | 111.50 | 8330N | 4-NITROTOLUENE | NO |
| G235DLA | MW-235 | 08/27/2002 | PROFILE | 240.00 | 240.00 | 111.50 | 111.50 | 8330N | NITROGLYCERIN | NO |
| G235DLA | MW-235 | 08/27/2002 | PROFILE | 240.00 | 240.00 | 111.50 | 111.50 | 8330N | PICRIC ACID | NO |
| G235DMA | MW-235 | 08/27/2002 | PROFILE | 250.00 | 250.00 | 121.50 | 121.50 | 8330N | NITROGLYCERIN | NO |
| G235DOA | MW-235 | 08/27/2002 | PROFILE | 270.00 | 270.00 | 141.50 | 141.50 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G235DOA | MW-235 | 08/27/2002 | PROFILE | 270.00 | 270.00 | 141.50 | 141.50 | 8330N | 1,3-DINITROBENZENE | NO |
| G235DOA | MW-235 | 08/27/2002 | PROFILE | 270.00 | 270.00 | 141.50 | 141.50 | 8330N | 2,4-DIAMINO-6-NITROTOLUENE | NO |
| G235DOA | MW-235 | 08/27/2002 | PROFILE | 270.00 | 270.00 | 141.50 | 141.50 | 8330N | 2,6-DINITROTOLUENE | NO |
| G235DOA | MW-235 | 08/27/2002 | PROFILE | 270.00 | 270.00 | 141.50 | 141.50 | 8330N | 2-NITROTOLUENE | NO |
| G235DOA | MW-235 | 08/27/2002 | PROFILE | 270.00 | 270.00 | 141.50 | 141.50 | 8330N | 3-NITROTOLUENE | YES* |
| G235DOA | MW-235 | 08/27/2002 | PROFILE | 270.00 | 270.00 | 141.50 | 141.50 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G235DOA | MW-235 | 08/27/2002 | PROFILE | 270.00 | 270.00 | 141.50 | 141.50 | 8330N | 4-NITROTOLUENE | NO |
| G235DOA | MW-235 | 08/27/2002 | PROFILE | 270.00 | 270.00 | 141.50 | 141.50 | 8330N | NITROGLYCERIN | NO |
| G235DOA | MW-235 | 08/27/2002 | PROFILE | 270.00 | 270.00 | 141.50 | 141.50 | 8330N | PICRIC ACID | NO |
| G235DPA | MW-235 | 08/28/2002 | PROFILE | 280.00 | 280.00 | 151.50 | 151.50 | 8330N | NITROGLYCERIN | NO |
| G235DQA | MW-235 | 08/28/2002 | PROFILE | 290.00 | 290.00 | 161.50 | 161.50 | 8330N | 2,6-DINITROTOLUENE | YES* |
| G235DQA | MW-235 | 08/28/2002 | PROFILE | 290.00 | 290.00 | 161.50 | 161.50 | 8330N | NITROGLYCERIN | NO |
| G235DUA | MW-235 | 08/29/2002 | PROFILE | 330.00 | 330.00 | 201.50 | 201.50 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G235DUA | MW-235 | 08/29/2002 | PROFILE | 330.00 | 330.00 | 201.50 | 201.50 | 8330N | 1,3-DINITROBENZENE | NO |
| G235DUA | MW-235 | 08/29/2002 | PROFILE | 330.00 | 330.00 | 201.50 | 201.50 | 8330N | 2,4-DIAMINO-6-NITROTOLUENE | NO* |
| G235DUA | MW-235 | 08/29/2002 | PROFILE | 330.00 | 330.00 | 201.50 | 201.50 | 8330N | 2,6-DINITROTOLUENE | NO |
| G235DUA | MW-235 | 08/29/2002 | PROFILE | 330.00 | 330.00 | 201.50 | 201.50 | 8330N | 2-NITROTOLUENE | NO |
| G235DUA | MW-235 | 08/29/2002 | PROFILE | 330.00 | 330.00 | 201.50 | 201.50 | 8330N | 4-NITROTOLUENE | NO |
| G235DUA | MW-235 | 08/29/2002 | PROFILE | 330.00 | 330.00 | 201.50 | 201.50 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO* |
| G235DUA | MW-235 | 08/29/2002 | PROFILE | 330.00 | 330.00 | 201.50 | 201.50 | 8330N | NITROGLYCERIN | NO |
| G235DUA | MW-235 | 08/29/2002 | PROFILE | 330.00 | 330.00 | 201.50 | 201.50 | 8330N | OCTAHYDRO-1,3,5,7-TETRANITR | NO* |
| G235DUA | MW-235 | 08/29/2002 | PROFILE | 330.00 | 330.00 | 201.50 | 201.50 | 8330N | PICRIC ACID | NO |

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 | 8330N | 2,6-DINITROTOLUENE | YES* |
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 | 8330N | 2-AMINO-4,6-DINITROTOLUENE | NO |
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 | 8330N | 2-NITROTOLUENE | NO |
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 | 8330N | 3-NITROTOLUENE | NO |
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO |
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 | 8330N | NITROBENZENE | NO |
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 | 8330N | NITROGLYCERIN | NO |
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 | 8330N | PICRIC ACID | NO |
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 | OC21V | 2-HEXANONE | |
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 | OC21V | ACETONE | |
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 | OC21V | BENZENE | |
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 | OC21V | CHLOROETHANE | |
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 | OC21V | CHLOROMETHANE | |
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 | OC21V | METHYL ISOBUTYL KETONE (4-M | |
| G236DAA | MW-236 | 08/23/2002 | PROFILE | 110.00 | 110.00 | 12.50 | 12.50 | OC21V | TOLUENE | |
| G236DBA | MW-236 | 08/26/2002 | PROFILE | 120.00 | 120.00 | 22.50 | 22.50 | 8330N | 1,3-DINITROBENZENE | NO |
| G236DBA | MW-236 | 08/26/2002 | PROFILE | 120.00 | 120.00 | 22.50 | 22.50 | 8330N | 2,6-DINITROTOLUENE | YES* |
| G236DBA | MW-236 | 08/26/2002 | PROFILE | 120.00 | 120.00 | 22.50 | 22.50 | 8330N | 2-AMINO-4,6-DINITROTOLUENE | NO |
| G236DBA | MW-236 | 08/26/2002 | PROFILE | 120.00 | 120.00 | 22.50 | 22.50 | 8330N | 3-NITROTOLUENE | NO |
| G236DBA | MW-236 | 08/26/2002 | PROFILE | 120.00 | 120.00 | 22.50 | 22.50 | 8330N | 4-NITROTOLUENE | NO |
| G236DBA | MW-236 | 08/26/2002 | PROFILE | 120.00 | 120.00 | 22.50 | 22.50 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO |
| G236DBA | MW-236 | 08/26/2002 | PROFILE | 120.00 | 120.00 | 22.50 | 22.50 | 8330N | NITROGLYCERIN | NO |
| G236DBA | MW-236 | 08/26/2002 | PROFILE | 120.00 | 120.00 | 22.50 | 22.50 | 8330N | PICRIC ACID | NO |
| G236DBA | MW-236 | 08/26/2002 | PROFILE | 120.00 | 120.00 | 22.50 | 22.50 | OC21V | ACETONE | |
| G236DBA | MW-236 | 08/26/2002 | PROFILE | 120.00 | 120.00 | 22.50 | 22.50 | OC21V | CHLOROETHANE | |
| G236DBA | MW-236 | 08/26/2002 | PROFILE | 120.00 | 120.00 | 22.50 | 22.50 | OC21V | CHLOROFORM | |
| G236DBA | MW-236 | 08/26/2002 | PROFILE | 120.00 | 120.00 | 22.50 | 22.50 | OC21V | CHLOROMETHANE | |
| G236DBA | MW-236 | 08/26/2002 | PROFILE | 120.00 | 120.00 | 22.50 | 22.50 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G236DCA | MW-236 | 08/26/2002 | PROFILE | 130.00 | 130.00 | 32.50 | 32.50 | 8330N | 4-NITROTOLUENE | NO |

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| G236DCA | MW-236 | 08/26/2002 | PROFILE | 130.00 | 130.00 | 32.50 | 32.50 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO |
| G236DCA | MW-236 | 08/26/2002 | PROFILE | 130.00 | 130.00 | 32.50 | 32.50 | 8330N | NITROGLYCERIN | NO |
| G236DCA | MW-236 | 08/26/2002 | PROFILE | 130.00 | 130.00 | 32.50 | 32.50 | 8330N | PICRIC ACID | NO |
| G236DCA | MW-236 | 08/26/2002 | PROFILE | 130.00 | 130.00 | 32.50 | 32.50 | OC21V | 2-HEXANONE | |
| G236DCA | MW-236 | 08/26/2002 | PROFILE | 130.00 | 130.00 | 32.50 | 32.50 | OC21V | ACETONE | |
| G236DCA | MW-236 | 08/26/2002 | PROFILE | 130.00 | 130.00 | 32.50 | 32.50 | OC21V | CHLOROETHANE | |
| G236DCA | MW-236 | 08/26/2002 | PROFILE | 130.00 | 130.00 | 32.50 | 32.50 | OC21V | CHLOROMETHANE | |
| G236DCA | MW-236 | 08/26/2002 | PROFILE | 130.00 | 130.00 | 32.50 | 32.50 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G236DCA | MW-236 | 08/26/2002 | PROFILE | 130.00 | 130.00 | 32.50 | 32.50 | OC21V | METHYL ISOBUTYL KETONE (4-M | |
| G236DDA | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | 8330N | 2,4-DINITROTOLUENE | NO |
| G236DDA | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | 8330N | 2,6-DINITROTOLUENE | YES* |
| G236DDA | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | 8330N | 4-NITROTOLUENE | NO |
| G236DDA | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO |
| G236DDA | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | 8330N | NITROBENZENE | NO |
| G236DDA | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | 8330N | NITROGLYCERIN | NO |
| G236DDA | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | 8330N | PICRIC ACID | NO |
| G236DDA | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | OC21V | 2-HEXANONE | |
| G236DDA | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | OC21V | ACETONE | |
| G236DDA | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | OC21V | CHLOROETHANE | |
| G236DDA | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | OC21V | CHLOROMETHANE | |
| G236DDA | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G236DDA | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | OC21V | METHYL ISOBUTYL KETONE (4-M | |
| G236DDD | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | 8330N | 2,6-DINITROTOLUENE | YES* |
| G236DDD | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | 8330N | 4-NITROTOLUENE | NO |
| G236DDD | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO |
| G236DDD | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | 8330N | NITROGLYCERIN | NO |
| G236DDD | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | 8330N | PICRIC ACID | NO |
| G236DDD | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | OC21V | 2-HEXANONE | |
| G236DDD | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | OC21V | ACETONE | |
| G236DDD | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | OC21V | CHLOROETHANE | |
| G236DDD | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | OC21V | CHLOROMETHANE | |
| G236DDD | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |

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
* = Interference in sample

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| G236DDD | MW-236 | 08/26/2002 | PROFILE | 140.00 | 140.00 | 42.50 | 42.50 | OC21V | METHYL ISOBUTYL KETONE (4-M | |
| G236DEA | MW-236 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 52.50 | 52.50 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| G236DEA | MW-236 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 52.50 | 52.50 | 8330N | 2,4-DINITROTOLUENE | NO |
| G236DEA | MW-236 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 52.50 | 52.50 | 8330N | 2,6-DINITROTOLUENE | YES* |
| G236DEA | MW-236 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 52.50 | 52.50 | 8330N | 2-AMINO-4,6-DINITROTOLUENE | NO |
| G236DEA | MW-236 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 52.50 | 52.50 | 8330N | 2-NITROTOLUENE | NO |
| G236DEA | MW-236 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 52.50 | 52.50 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G236DEA | MW-236 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 52.50 | 52.50 | 8330N | 4-NITROTOLUENE | NO |
| G236DEA | MW-236 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 52.50 | 52.50 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO |
| G236DEA | MW-236 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 52.50 | 52.50 | 8330N | NITROBENZENE | NO |
| G236DEA | MW-236 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 52.50 | 52.50 | 8330N | NITROGLYCERIN | NO |
| G236DEA | MW-236 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 52.50 | 52.50 | 8330N | PICRIC ACID | NO |
| G236DEA | MW-236 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 52.50 | 52.50 | OC21V | 2-HEXANONE | |
| G236DEA | MW-236 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 52.50 | 52.50 | OC21V | ACETONE | |
| G236DEA | MW-236 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 52.50 | 52.50 | OC21V | CHLOROETHANE | |
| G236DEA | MW-236 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 52.50 | 52.50 | OC21V | CHLOROMETHANE | |
| G236DEA | MW-236 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 52.50 | 52.50 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G236DEA | MW-236 | 08/26/2002 | PROFILE | 150.00 | 150.00 | 52.50 | 52.50 | OC21V | METHYL ISOBUTYL KETONE (4-M | |
| G236DGA | MW-236 | 08/26/2002 | PROFILE | 170.00 | 170.00 | 62.50 | 62.50 | OC21V | ACETONE | |
| G236DGA | MW-236 | 08/26/2002 | PROFILE | 170.00 | 170.00 | 62.50 | 62.50 | OC21V | CHLOROMETHANE | |
| G236DGA | MW-236 | 08/26/2002 | PROFILE | 170.00 | 170.00 | 62.50 | 62.50 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 | 8330N | 2,6-DINITROTOLUENE | YES* |
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 | 8330N | 2-AMINO-4,6-DINITROTOLUENE | NO |
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 | 8330N | 2-NITROTOLUENE | NO |
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 | 8330N | 3-NITROTOLUENE | NO* |
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 | 8330N | 4-NITROTOLUENE | NO |
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO |
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 | 8330N | NITROBENZENE | NO |
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 | 8330N | NITROGLYCERIN | NO |
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 | 8330N | PICRIC ACID | NO |

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 | OC21V | 2-HEXANONE | |
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 | OC21V | ACETONE | |
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 | OC21V | CARBON DISULFIDE | |
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 | OC21V | CHLOROETHANE | |
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 | OC21V | CHLOROMETHANE | |
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G236DHA | MW-236 | 08/26/2002 | PROFILE | 180.00 | 180.00 | 72.50 | 72.50 | OC21V | METHYL ISOBUTYL KETONE (4-M | |
| G236DIA | MW-236 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 82.50 | 82.50 | 8330N | 2,6-DINITROTOLUENE | YES |
| G236DIA | MW-236 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 82.50 | 82.50 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G236DIA | MW-236 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 82.50 | 82.50 | 8330N | 4-NITROTOLUENE | NO |
| G236DIA | MW-236 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 82.50 | 82.50 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO |
| G236DIA | MW-236 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 82.50 | 82.50 | 8330N | NITROBENZENE | NO |
| G236DIA | MW-236 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 82.50 | 82.50 | 8330N | NITROGLYCERIN | NO |
| G236DIA | MW-236 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 82.50 | 82.50 | 8330N | PICRIC ACID | NO |
| G236DIA | MW-236 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 82.50 | 82.50 | OC21V | 2-HEXANONE | |
| G236DIA | MW-236 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 82.50 | 82.50 | OC21V | ACETONE | |
| G236DIA | MW-236 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 82.50 | 82.50 | OC21V | CHLOROETHANE | |
| G236DIA | MW-236 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 82.50 | 82.50 | OC21V | CHLOROFORM | |
| G236DIA | MW-236 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 82.50 | 82.50 | OC21V | CHLOROMETHANE | |
| G236DIA | MW-236 | 08/26/2002 | PROFILE | 190.00 | 190.00 | 82.50 | 82.50 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G236DJA | MW-236 | 08/27/2002 | PROFILE | 200.00 | 200.00 | 92.50 | 92.50 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO |
| G236DJA | MW-236 | 08/27/2002 | PROFILE | 200.00 | 200.00 | 92.50 | 92.50 | 8330N | NITROGLYCERIN | NO |
| G236DJA | MW-236 | 08/27/2002 | PROFILE | 200.00 | 200.00 | 92.50 | 92.50 | 8330N | PICRIC ACID | NO |
| G236DJA | MW-236 | 08/27/2002 | PROFILE | 200.00 | 200.00 | 92.50 | 92.50 | OC21V | ACETONE | |
| G236DJA | MW-236 | 08/27/2002 | PROFILE | 200.00 | 200.00 | 92.50 | 92.50 | OC21V | CHLOROFORM | |
| G236DJA | MW-236 | 08/27/2002 | PROFILE | 200.00 | 200.00 | 92.50 | 92.50 | OC21V | CHLOROMETHANE | |
| G236DJA | MW-236 | 08/27/2002 | PROFILE | 200.00 | 200.00 | 92.50 | 92.50 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G236DKA | MW-236 | 08/27/2002 | PROFILE | 210.00 | 210.00 | 102.50 | 102.50 | OC21V | 2-HEXANONE | |
| G236DKA | MW-236 | 08/27/2002 | PROFILE | 210.00 | 210.00 | 102.50 | 102.50 | OC21V | ACETONE | |
| G236DKA | MW-236 | 08/27/2002 | PROFILE | 210.00 | 210.00 | 102.50 | 102.50 | OC21V | CHLOROFORM | |
| G236DKA | MW-236 | 08/27/2002 | PROFILE | 210.00 | 210.00 | 102.50 | 102.50 | OC21V | CHLOROMETHANE | |
| G236DKA | MW-236 | 08/27/2002 | PROFILE | 210.00 | 210.00 | 102.50 | 102.50 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |

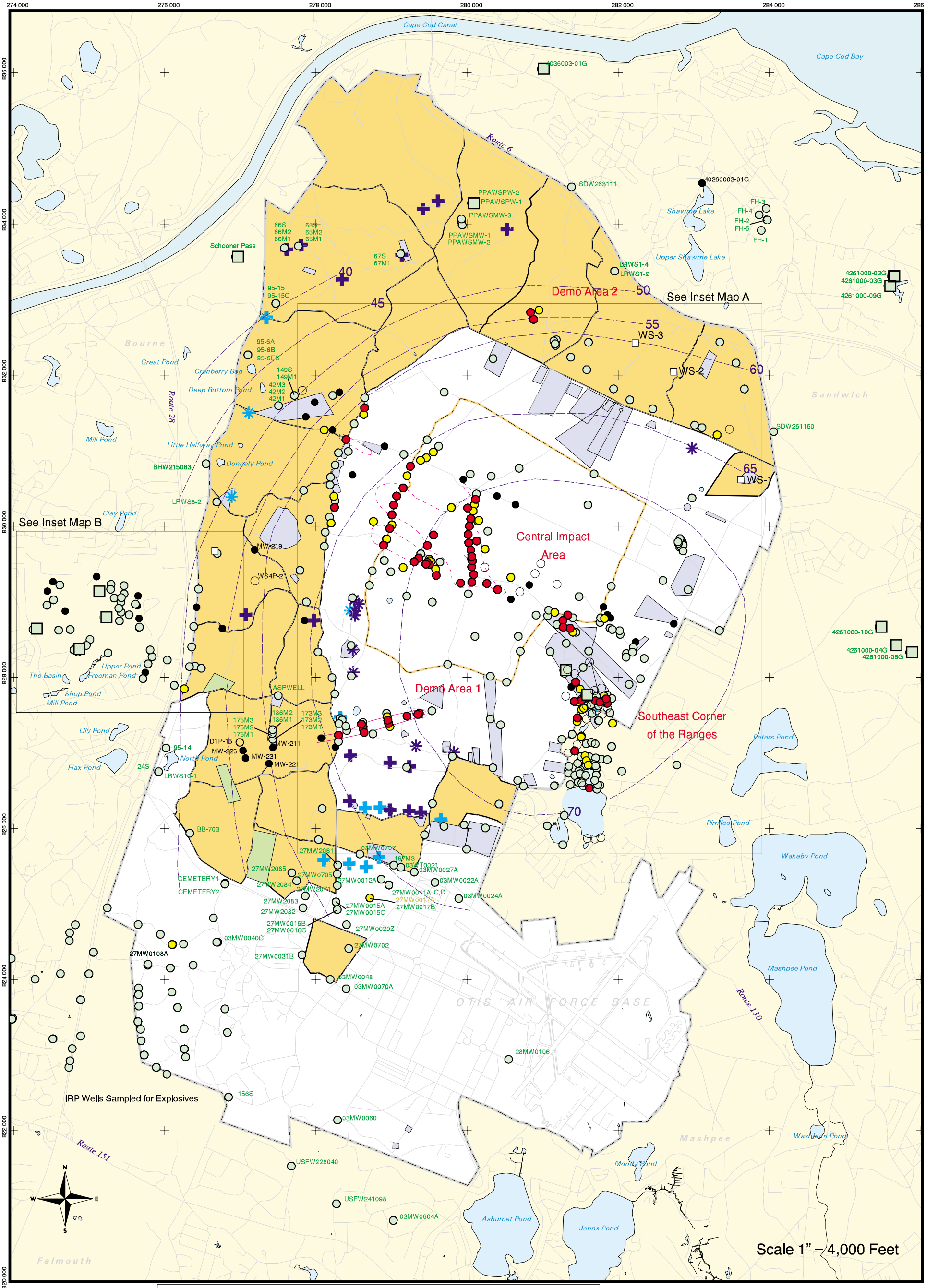
DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.
SBD = SAMPLE COLLECTION BEGIN DEPTH IN FEET BGS
SED = SAMPLE COLLECTION END DEPTH IN FEET BGS
BWTS = DEPTH BELOW WATER TABLE, START DEPTH, MEASURED IN FEET
BWTE = DEPTH BELOW WATER TABLE,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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 7/24/02 - 08/29/02



| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|---|---|---|---|---|---|---|---|---|---|---|
| G236DLA | MW-236 | 08/27/2002 | PROFILE | 220.00 | 220.00 | 112.50 | 112.50 | 8330N | NITROGLYCERIN | NO |
| G236DLA | MW-236 | 08/27/2002 | PROFILE | 220.00 | 220.00 | 112.50 | 112.50 | OC21V | 2-HEXANONE | |
| G236DLA | MW-236 | 08/27/2002 | PROFILE | 220.00 | 220.00 | 112.50 | 112.50 | OC21V | ACETONE | |
| G236DLA | MW-236 | 08/27/2002 | PROFILE | 220.00 | 220.00 | 112.50 | 112.50 | OC21V | CHLOROFORM | |
| G236DLA | MW-236 | 08/27/2002 | PROFILE | 220.00 | 220.00 | 112.50 | 112.50 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G236DMA | MW-236 | 08/27/2002 | PROFILE | 230.00 | 230.00 | 122.50 | 122.50 | OC21V | 2-HEXANONE | |
| G236DMA | MW-236 | 08/27/2002 | PROFILE | 230.00 | 230.00 | 122.50 | 122.50 | OC21V | ACETONE | |
| G236DMA | MW-236 | 08/27/2002 | PROFILE | 230.00 | 230.00 | 122.50 | 122.50 | OC21V | CHLOROMETHANE | |
| G236DMA | MW-236 | 08/27/2002 | PROFILE | 230.00 | 230.00 | 122.50 | 122.50 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G236DNA | MW-236 | 08/27/2002 | PROFILE | 240.00 | 240.00 | 132.50 | 132.50 | 8330N | 2,6-DINITROTOLUENE | YES* |
| G236DNA | MW-236 | 08/27/2002 | PROFILE | 240.00 | 240.00 | 132.50 | 132.50 | 8330N | 4-NITROTOLUENE | NO |
| G236DNA | MW-236 | 08/27/2002 | PROFILE | 240.00 | 240.00 | 132.50 | 132.50 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO |
| G236DNA | MW-236 | 08/27/2002 | PROFILE | 240.00 | 240.00 | 132.50 | 132.50 | 8330N | NITROGLYCERIN | NO |
| G236DNA | MW-236 | 08/27/2002 | PROFILE | 240.00 | 240.00 | 132.50 | 132.50 | 8330N | PICRIC ACID | NO |
| G236DNA | MW-236 | 08/27/2002 | PROFILE | 240.00 | 240.00 | 132.50 | 132.50 | OC21V | 2-HEXANONE | |
| G236DNA | MW-236 | 08/27/2002 | PROFILE | 240.00 | 240.00 | 132.50 | 132.50 | OC21V | ACETONE | |
| G236DNA | MW-236 | 08/27/2002 | PROFILE | 240.00 | 240.00 | 132.50 | 132.50 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |
| G236DOA | MW-236 | 08/28/2002 | PROFILE | 250.00 | 250.00 | 142.50 | 142.50 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1,3 | NO |
| G236DOA | MW-236 | 08/28/2002 | PROFILE | 250.00 | 250.00 | 142.50 | 142.50 | 8330N | NITROGLYCERIN | NO |
| G236DOA | MW-236 | 08/28/2002 | PROFILE | 250.00 | 250.00 | 142.50 | 142.50 | 8330N | PICRIC ACID | NO |
| G236DOA | MW-236 | 08/28/2002 | PROFILE | 250.00 | 250.00 | 142.50 | 142.50 | OC21V | 2-HEXANONE | |
| G236DOA | MW-236 | 08/28/2002 | PROFILE | 250.00 | 250.00 | 142.50 | 142.50 | OC21V | ACETONE | |
| G236DOA | MW-236 | 08/28/2002 | PROFILE | 250.00 | 250.00 | 142.50 | 142.50 | OC21V | METHYL ETHYL KETONE (2-BUT/ | |

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
* = Interference in sample




LEGEND

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Combat Training Areas
- Military Training Areas
- Military Ranges
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Validated Non-Detect Water Supply Well
- Future Supply Well
- Water Table Contour (feet above mean sea level)
- Area of RDX Detections greater than 2.0 ppb
- 2.0 ppb RDX Concentration Contour

Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

amec August 30, 2002 DRAFT

IAGWSP Impact Area Groundwater Study Program

Figure 1

## Explosives in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 8/23/02

d:\work\monthly\september2002\exp

278 000 279 000 280 000 281 000 282 000 283 000

832 000 831 000 830 000 829 000 828 000 827 000 826 000

Demo Area 2

Central Impact Area

CS-19

Demo Area 1

Southeast Corner of the Ranges

Gibbs Pond
Doughnut Pond
Round Swamp
Baileys Pond
Grassy Pond
Succonsette Pond
Opening Pond
Ox Pond
J-3 Wetland
Bypass Bog
Snake Pond
Weeks Pond
Peters Pond
Pimlico Pond

Burgoyne Rd
Gibbs Rd
Jefferson Rd
Sprint Swamp Rd
Pocasset Sandwich Rd
Wood Rd
Barlow Rd
Tank Alley
Turpentine Rd
Wheelock Rd
Pocasset Forestdale Rd
Raccoon Ln
Greenway Rd
Arnold Rd
Rt 130
Snake Pond Rd

45 50 55 60 65 70

WS-1 WS-2 WS-3

RW-1 RW-3

RANGECON

SMR-2 SMR-3 SMR-4

LP-5 LP-6 LP-7 LP-8 LP-9 LP-10

KP-2

MW-204 MW-205 MW-206 MW-207 MW-208 MW-209 MW-210 MW-211 MW-212 MW-214 MW-215 MW-216 MW-217 MW-218 MW-220 MW-222 MW-223 MW-224 MW-227 MW-228 MW-229 MW-230 MW-232 MW-234

CIAP-14 CIAP-24

OW-1 OW-2 OW-3 OW-4 OW-6

J1P-1 J1P-16 J1P-17 J1P-18 J3P-10 J3P-19 J3P-20 J3P-21 J3P-22 J3P-23 J3P-26 J3P-27 J3P-28 J3P-29 J3P-30 J3P-31

TEXTRONPW-1 TEXTRONPW-2

LRWS4-1 LRWS5-1 LRWS6-1 LRWS7-1

USCGANTST

4261000-05G

Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

amec August 30, 2002 DRAFT

d:\work\monthly\september2002\exp

LEGEND

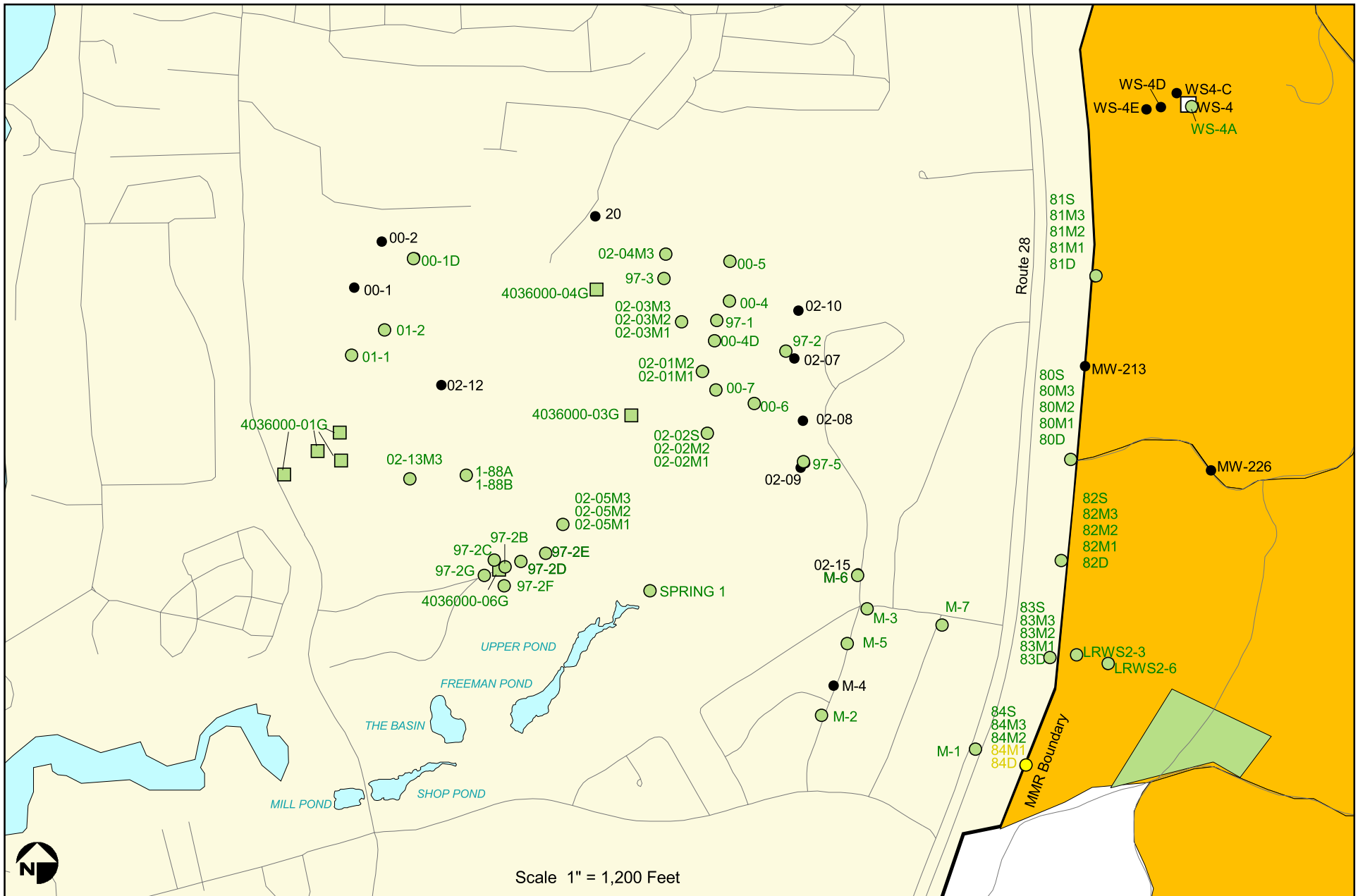
- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Water Table Contour (feet above mean sea level)
- Area of RDX Detections greater than 2.0 ppb
- 2.0 ppb RDX Concentration Contour
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Military Ranges
- Military Training Areas
- Validated Non-Detect Water Supply Well
- Future Supply Well

Scale 1" = 1,200 Feet

IAGWSP Impact Area Groundwater Study Program

Figure 1 - INSET MAP A

# Explosives in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 8/23/02




Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

amec

September 3, 2002 DRAFT

J:\GIS\September2002\monthly_inset_1.pdf
G:\MMR\MMR\ArcVprj\monthly_inset.apr

- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Validated Non-Detect Water Supply Well
- Future Supply Well
- No Data Available
- Future Supply Well
- Combat Training Areas
- MilitaryTraining Areas

IAGWSP
Impact Area Groundwater Study Program

**Figure 1 - INSET MAP B**

**Explosives in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 8/23/02**

274 000 276 000 278 000 280 000 282 000 284 000 286 000

836 000 834 000 832 000 830 000 828 000 826 000 824 000 822 000 820 000

Cape Cod Canal
Cape Cod Bay
Route 6
Schooner Pass
SDW263111
PPAWSMW-3
PPAWSMW-1
PPAWSMW-2
66S
66M2
66M1
65S
65M2
65M1
67S
67M1
Shawme Lake
Upper Shawme Lake
LRWS1-4
LRWS1-2
40
45
50
55
95-15
95-15C
Demo Area 2
See Inset Map A
WS-3
WS-2
60
95-6A
95-6B
95-6ES
Bourne
Great Pond
Cranberry Bog
Deep Bottom Pond
42M3
42M2
42M1
149S
Route 28
Sandwich
SDW261160
Mill Pond
Little Halfway Pond
Donnely Pond
BHW215083
LRWS8-2
65
WS-1
Clay Pond
See Inset Map B
Central Impact Area
Demo Area 1
Southeast Corner of the Ranges
ASPWELL
The Basin
Upper Pond
Freeman Pond
Shop Pond
Mill Pond
Lily Pond
95-14
North Pond
Flax Pond
24S
LRWS10-1
Peters Pond
70
Snake Pond
Pimlico Pond
Wakeby Pond
BB-703
03MW0707
03WT0021
03MW0027A
167M3
03MW0022A
CEMETERY1
CEMETERY2
27MW0012A
27MW0011A
03MW0024A
27MW0020Z
27MW0702
03MW0040C
03MW0048
03MW0070A
Mashpee Pond
OTIS AIR FORCE BASE
Route 130
28MW0106
156S
03MW0060
Route 151
Mashpee
Washburn Pond
Moody Pond
USFW228040
USFW241098
03MW0604A
Ashumet Pond
Johns Pond
Falmouth
N
W
E
S
Scale 1" = 4,000 Feet

LEGEND

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Combat Training Areas
- Military Training Areas
- Military Ranges
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Validated Non-Detect Water Supply Well
- Future Supply Well
- Water Table Contour (feet above mean sea level)
- Validated Detection less than Maximum Contaminant Level Health Advisories, Water Supply Well

Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

amec September 03, 2002 DRAFT

IAGWSP Impact Area Groundwater Study Program

Figure 2

## Metals in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 8/23/02

d:\work\monthly\september2002\metals

278 000 279 000 280 000 281 000 282 000 283 000

832 000 831 000 830 000 829 000 828 000 827 000

Demo Area 2

Central Impact Area

Demo Area 1

Southeast Corner of the Ranges

45 50 55 60 65 70

Doughnut Pond
Gibbs Pond
Round Swamp
Baileys Pond
Grassy Pond
Spruce Swamp Rd
Jefferson Rd
Burgoyne Rd
Gibbs Rd
Pocasset Sandwich Rd
Ox Pond
Wood Rd
Barlow Rd
Succonsette Pond
Tank Alley
Turpentine Rd
Wheelock Rd
Opening Pond
Pocasset Forestdale Rd
J-3 Wetland
Greenway Rd
Raccoon Ln
Bypass Rd
Arnold Rd
Rt 130
Peters Pond
Snake Pond
Weeks Pond
Snake Pond Rd
Pimlico Pond

WS-1 WS-2 WS-3

RW-1 RW-3

LRMW0003 LRWS4-1 LRWS5-1 LRWS7-1 LRWS8-1

RANGECON

SMR-2 SMR-3 SMR-4

TEXTRONPW-1 TEXTRONPW-2

MW-227 MW-228 MW-229 MW-230 MW-234 MW-215

J1P-1 J1P-16 J1P-17 J1P-18 J3P-10 J3P-21 J3P-23 J3P-27 J3P-31

SP3-91 SP4-91

ECMWSNP02S ECMWSNP02D ECMWSNP03S ECMWSNP03D

16S 16D 160S 161S
53S 53M3 53M2 53M1 53D
11MW0002 11MW0003 11MW0004 11MW0001
17S 17M3 17M2 17M1 17D
52S 52M3 52M2 52M1 52D
54S 54M3 54M2 54M1 54D
55S 55M3 55M2 55M1 55D
63S 63M3 63M2 63M1 63D
48S 48M3 48M2 48M1 48D
49S 49M3 49M2 49M1 49D
18S 18M2 18M1 18D
62S
10S 10M1 10D
50S 50M3 50M2 50M1 50D
51S 51M3 51M2 51M1 51D
23S 23M3 23M2 23M1 23D
72S
41M3 41M2 41M1
43S 43M2 43M1
03S 03M2 03M1 03D
04S
11S
05S 05M2 05M1 05D
02S 02M2 02M1 02D
59S 59M2 59M1
26S
39S 39M2 39M1
58MW0018A 58MW0018B 58MW0018C
58MW0007C 58MW0007B 58MW0007E
58MW0017A 58MW0017B 58MW0017C
38S 38M4 38M3 38M2 38M1 38D
58MW0003
58MW0009C 58MW0009E 58MW0010A 58MW0010B
58MW0015A 58MW0015B 58MW0004
58MW0008E
58MW0011D 58MW0011E
58MW0002 58MW0005E 58MW0001 58MW0006E
58MW0016A 58MW0016B 58MW0016C
09S 94S 94M2 94M1
25S
37M3 37M2 37M1
15S 15D
104S 104M2 104M1
08S
01S 01M2 01M1 01D
40S 40M1
27S
44S 44M2 44M1
22S
174S
71S 71M1
70S 70M1
21S 21M3 21M2 21M1 21D
46S 46M3 46M2 46M1 46D
69S 69M2 69M1
47S 47M3 47M2 47M1 47D
20S
35S 35M2 35M1
36S 36M2 36M1
34M3 34M2 34M1
31S 19S 19D 73S
14S
61S
28S 28M2 28M1
60S
SMR-3
68S 68M1
64S 64M2 64M1
109S
151S
150S
03MW0710
03MW0122A
03MW0006
03MW0007A
03MW0014A
03MW0709
03MW0020
06S 187S 187M1 187D 164M3 164M2 164M1 188S 188M1
118M2 118M1 126S 126M1 166M3 166M2 166M1 191S 191M2 191M1
168M3 168M2 168M1 58S 136S 136M1 189S
152M2 152M1
07S 07M2 07M1 07D
13S 13D 190M2 190M1 127S
128S 128M2 128M1 132S 132M1 193S 193M1
125S 125M1 163S 181S 30S 195S 194M1
196S 196M1 197M3 197M2 197M1 198M3 198M2 198M1
144S 144M2 144M1 143M3 143M2 143M1 142S 142M2 142M1
145S 145M1 148S 148M1
155M2 155M1 157M2 157M1 157D
192M3 192M2 192M1
12S
119S 29S 130S 130M1 130D 117S 137S 120S 120M1
121S 122S 116S 154S 154M1 158S 158M2 158M1
147M3 147M2 147M1 153M3 153M2 153M1 131S 131M2 131M1
45S 45M2 45M1 146S 146M1 140M1
170M3 170M2 170M1
57S 57M3 57M2 57M1 57D
56S 56M3 56M2 56M1 56D

15WT0712 15MW0006 15MW0001 15WT0007 15MW0009 15MW0005 15WT0711
15MW0008 15MW0007 15MW0004 15MW0002
90LWA0007 90MW0029B 90WT0013 90WT0003 90WT0015 90MW0013 90MW0038 90MW0019 90MW0031
90MW0021 90MW0014 90MW0022
90WT0005 90MW0003 90MW0054 90WT0010 90WT0008

Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

amec September 03, 2002 DRAFT

d:\work\monthly\september2002\metals

LEGEND

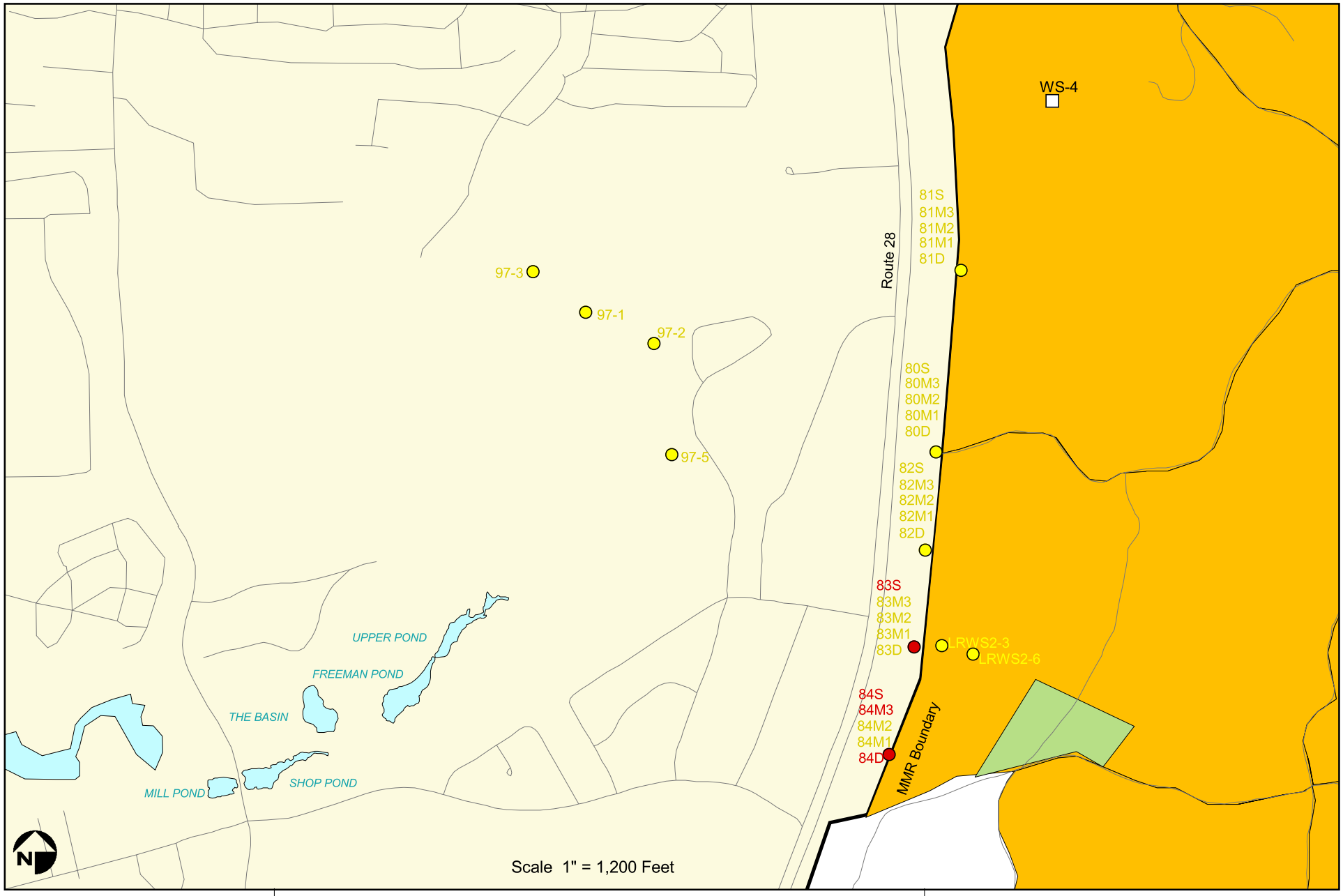
- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Water Table Contour (feet above mean sea level)
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Military Ranges
- Military Training Areas
- Future Supply Well
- Validated Detection less than Maximum Contaminant Level/Health Advisories Water Supply Well

Scale 1" = 1,200 Feet

IAGWSP Impact Area Groundwater Study Program

Figure 2 - INSET MAP A

# Metals in Groundwater
## Compared to Maximum Contaminant Level/Health Advisories
## Validated Data as of 8/23/02




Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

amec

September 3, 2002 DRAFT

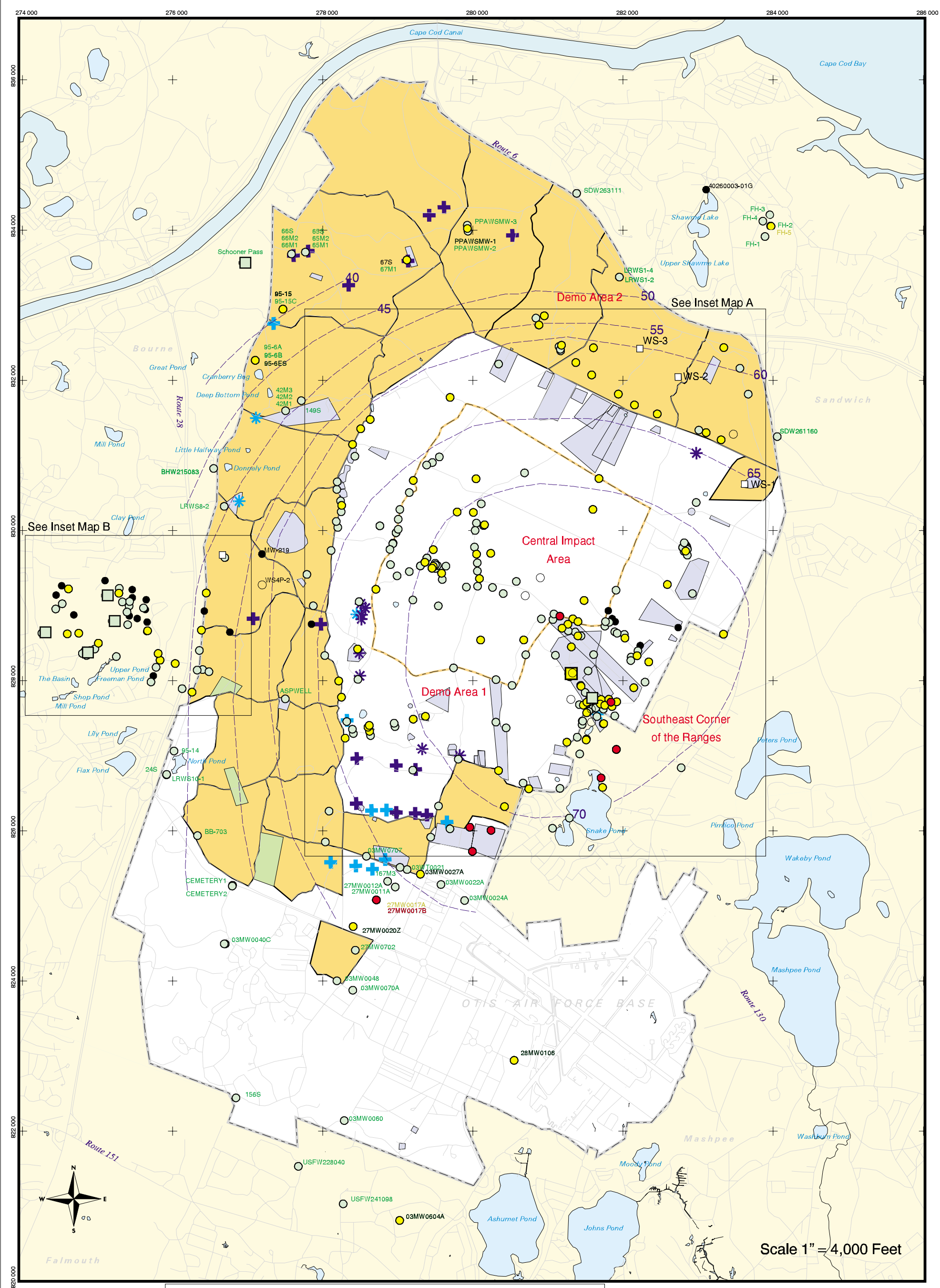
J:\GIS\September2002\monthly_inset_2.pdf
G:\MMR\MMR\ArcVprj\monthly_inset.apr

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Validated Non-Detect Water Supply Well
- Future Supply Well
- Combat Training Areas
- MilitaryTraining Areas

IAGWSP

**Figure 2 - INSET MAP B**

**Metals in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 8/23/02**




LEGEND

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Combat Training Areas
- Military Training Areas
- Military Ranges
- Water Table Contour (feet above mean sea level)
- Validated Detection less than Maximum Contaminant Level Health Advisories, Water Supply Well
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Validated Non-Detect Water Supply Well
- Future Supply Well

Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

amec

September 03, 2002 DRAFT

IAGWSP
Impact Area Groundwater Study Program

Figure 3

# Volatile Organic Compounds (excluding Chloroform) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 8/23/02

d:\work\monthly\september2002\voc

278 000 279 000 280 000 281 000 282 000 283 000

832 000 831 000 830 000 829 000 828 000 827 000

Demo Area 2

Central Impact Area

Demo Area 1

Southeast Corner of the Ranges

45 50 55 60 65 70

Doughnut Pond
Gibbs Pond
Round Swamp
Baileys Pond
Grassy Pond
Succonsette Pond
Opening Pond
Ox Pond
J-3 Wetland
Bypass Bog
Snake Pond
Weeks Pond
Peters Pond
Pimlico Pond

Burgoyne Rd
Gibbs Rd
Jefferson Rd
Spruce Swamp Rd
Pocasset Sandwich Rd
Wood Rd
Barlow Rd
Tank Alley
Turpentine Rd
Wheelock Rd
Greenway Rd
Pocasset Forestdale Rd
Raccoon Ln
Arnold Rd
Rt 130
Snake Pond Rd

WS-1 WS-2 WS-3
RW-1 RW-3
KP-2
RANGECON
SMR-2 SMR-3 SMR-4
TEXTRONPW-1 TEXTRONPW-2
J1P-1 J1P-18 J3P-10 J3P-23 J3P-27 J3P-31

LRMW0003 LRWS4-1 LRWS5-1 LRWS6-1 LRWS7-1
LWA0007
MW-215 MW-216 MW-228 MW-229 MW-230 MW-234
SP3-91 SP4-91

11MW0002 11MW0003 11MW0004 11MW0001
58MW0001 58MW0002 58MW0003 58MW0004 58MW0005E 58MW0006E
58MW0007B 58MW0007C 58MW0007E
58MW0008E
58MW0009C 58MW0009E
58MW0010A 58MW0010B
58MW0011D 58MW0011E
58MW0015A 58MW0015B
58MW0016A 58MW0016B 58MW0016C
58MW0017A 58MW0017B 58MW0017C
58MW0018A 58MW0018B 58MW0018C
58MW0020A 58MW0020B
03MW0006 03MW0007A 03MW0014A 03MW0020 03MW0709 03MW0710 03MW0122A
90MW0003 90MW0004 90MW0005 90MW0008 90MW0013 90MW0014 90MW0019 90MW0021 90MW0022 90MW0029B 90MW0031 90MW0038
90WT0003 90WT0005 90WT0008 90WT0010 90WT0013 90WT0015
15MW0001 15MW0002 15MW0004 15MW0005 15MW0006 15MW0007 15MW0008 15MW0009
15WT0007 15WT0711 15WT0712
ECMWSNP02S ECMWSNP02D ECMWSNP03S ECMWSNP03D

10S 10M1 10D
11S
12S
14S
15S 15M3 15M2 15M1 15D
16S 16D
17S 17M3 17M2 17M1 17D
18S 18M2 18M1 18D
19S 19D
20S
21S 21M3 21M2 21M1 21D
22S
23S 23M3 23M2 23M1 23D
25S
27S
28S 28M2 28M1
31S
34M3 34M2 34M1
35S 35M2 35M1
36S 36M2 36M1
37M3 37M2 37M1
38S 38M4 38M3 38M2 38M1 38D
39S 39M2 39M1
40S 40M1
41M3 41M2 41M1
43S 43M2 43M1
44S 44M2 44M1
45S 45M2 45M1
46S 46M3 46M2 46M1 46D
47S 47M3 47M2 47M1 47D
48S 48M3 48M2 48M1 48D
49S 49M3 49M2 49M1 49D
50S 50M3 50M2 50M1 50D
51S 51M3 51M2 51M1 51D
52S 52M3 52M2 52M1 52D
53S 53M3 53M2 53M1 53D
54S 54M3 54M2 54M1 54D
55S 55M3 55M2 55M1 55D
56S 56M3 56M2 56M1 56D
57S 57M3 57M2 57M1 57D
58S
59S 59M2 59M1
61S
62S
63S 63M3 63M2 63M1 63D
64S 64M2 64M1
65S 65M2 65M1
68S 68M1
69S 69M2 69M1
70S 70M1
71S 71M1
72S
76S 76M2 76M1
77M2 77M1
85S 85M1
87M3 87M2 87M1
88M2 88M1
90S
91S 91M1
93M2 93M1
94S 94M2 94M1
95S 95M2 95M1
96S 96M2 96M1
97M3 97M2 97M1
98S
99S
101S 101M1
02S 02M2 02M1 02D
03S 03M2 03M1 03D
04S
05S 05M2 05M1 05D
06S
07S 07M2 07M1 07D
08S
09S
99S
102M2 102M1
103M1
104S 104M2 104M1
107M2 107M1
108M4 108M3 108M2 108M1 108D
109S
110M3 110M2 110M1
111M3 111M2 111M1
113M2 113M1
114M2 114M1
118M2 118M1
119S
120S 120M1
121S
122S
126S 126M1
127S
128S 128M2 128M1
129M1
130S 130M1 130D
131S 131M2 131M1
135M3 135M2 135M1
136S 136M1
137S
139M3 139M2 139M1
140M1
141S 141M2
142S 142M2 142M1
143M3 143M2 143M1
144S 144M2 144M1
145S 145M1
146S 146M1
147M3 147M2 147M1
148S 148M1
150S
151S
152M2 152M1
153M3 153M2 153M1
154S 154M1
155M2 155M1
157M2 157M1 157D
158S 158M2 158M1
163S
164M3 164M2 164M1
165M2
166M3 166M2 166M1
168M3 168M2 168M1
170M3 170M2 170M1
174S
181S
187S 187M1 187D
188S 188M1
189S
190M2 190M1
191S 191M2 191M1
192M3 192M2 192M1
193S 193M1
194M1
195S
196S 196M1
197M3 197M2 197M1
198M3 198M2 198M1
200M2 200M1
201M3 201M2 201M1

Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
Validated Detection less than Maximum Contaminant Level/Health Advisories
Validated Non-detect
No Data Available
Proposed Well
Water Table Contour (feet above mean sea level)
Current Gun Position
Current Mortar Position
Old Gun Position
Old Mortar Position
Military Ranges
Military Training Areas
Validated Non-Detect Water Supply Well
Future Supply Well
Validated Detection less than Maximum Contaminant Level/Health Advisories Water Supply Well

N W E S

Scale 1" = 1,200 Feet

Sources & Notes
Base data from US Geological Survey 7 1/2 minute Topographic Maps.
Source: MassGIS

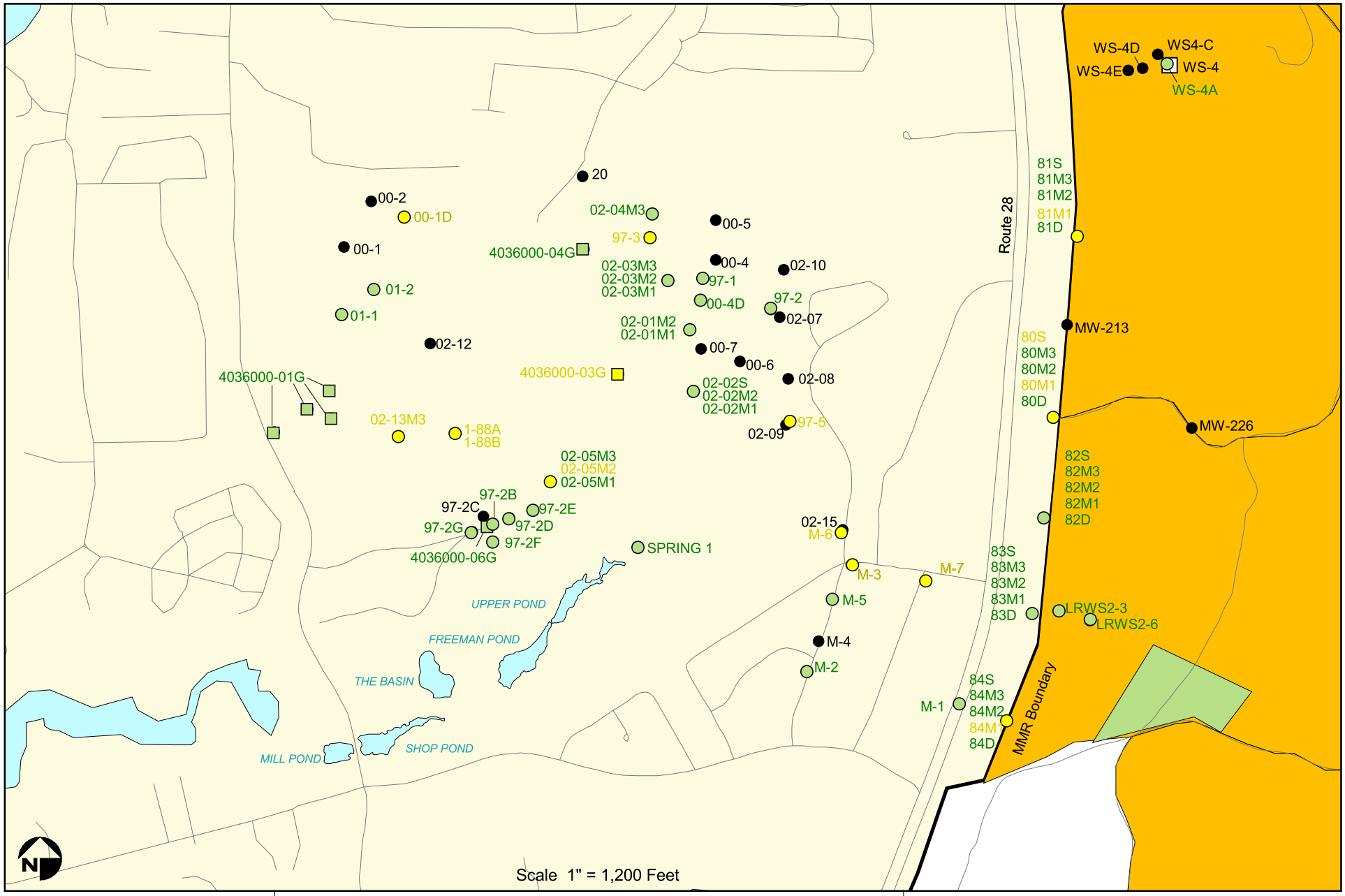
amec September 03, 2002 DRAFT

d:\work\monthly\september2002\voc

IAGWSP Impact Area Groundwater Study Program

Figure 3 - INSET MAP A

# Volatile Organic Compounds (excluding Chloroform) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 8/23/02




Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

amec

September 3, 2002 DRAFT

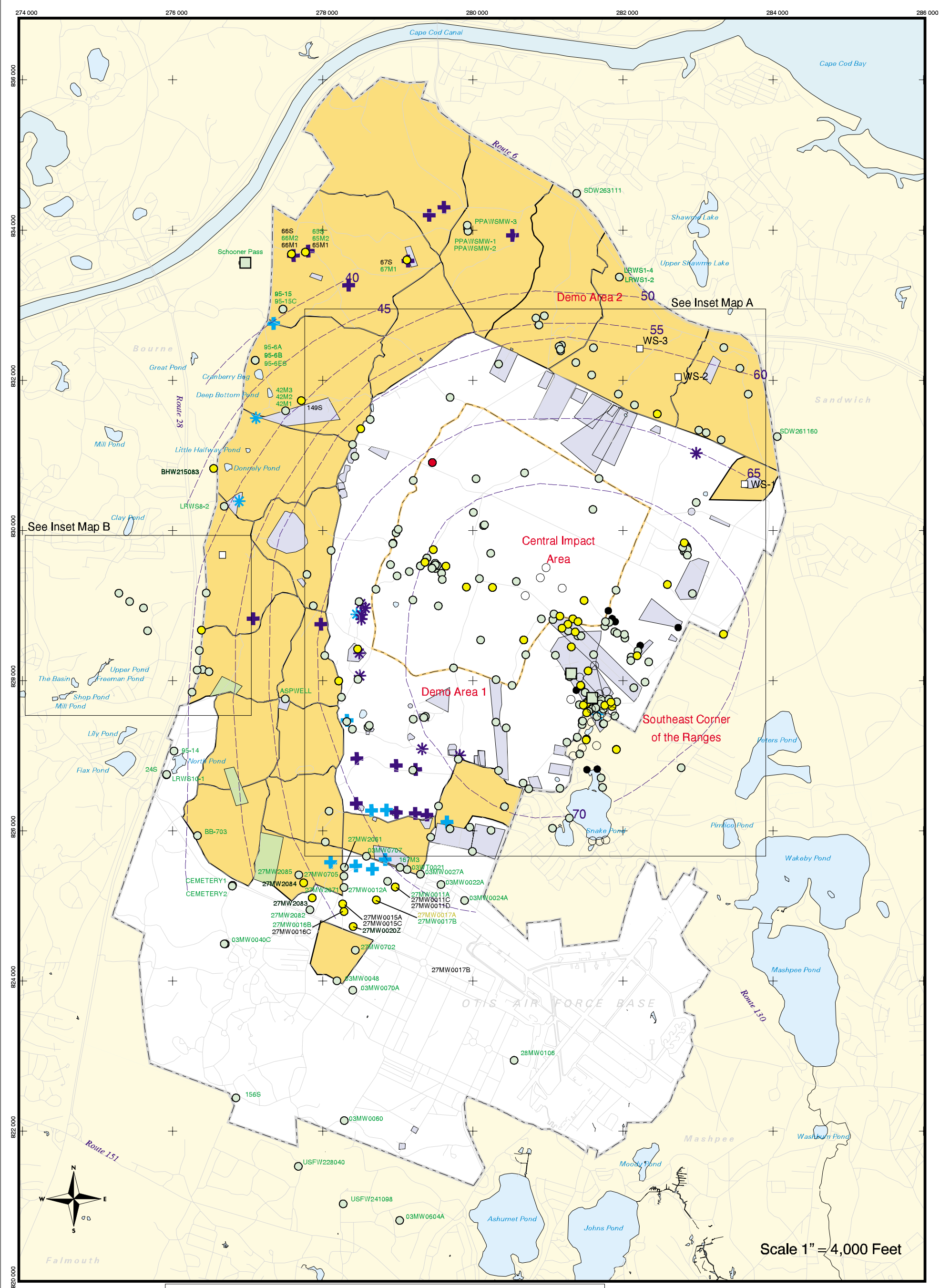
J:\GIS\September2002\monthly_inset_3.pdf
G:\MMR\MMR\ArcVprj\monthly_inset.apr

- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Validated Non-Detect Water Supply Well
- Future Supply Well
- No Data Available
- Future Supply Well
- Combat Training Areas
- MilitaryTraining Areas

IAGWSP

**Figure 3 - INSET MAP B**

**Volatile Organic Compounds (excluding Chloroform) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 8/23/02**




LEGEND

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Combat Training Areas
- Military Training Areas
- Military Ranges
- Water Table Contour (feet above mean sea level)
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Validated Non-Detect Water Supply Well
- Future Supply Well

Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

amec

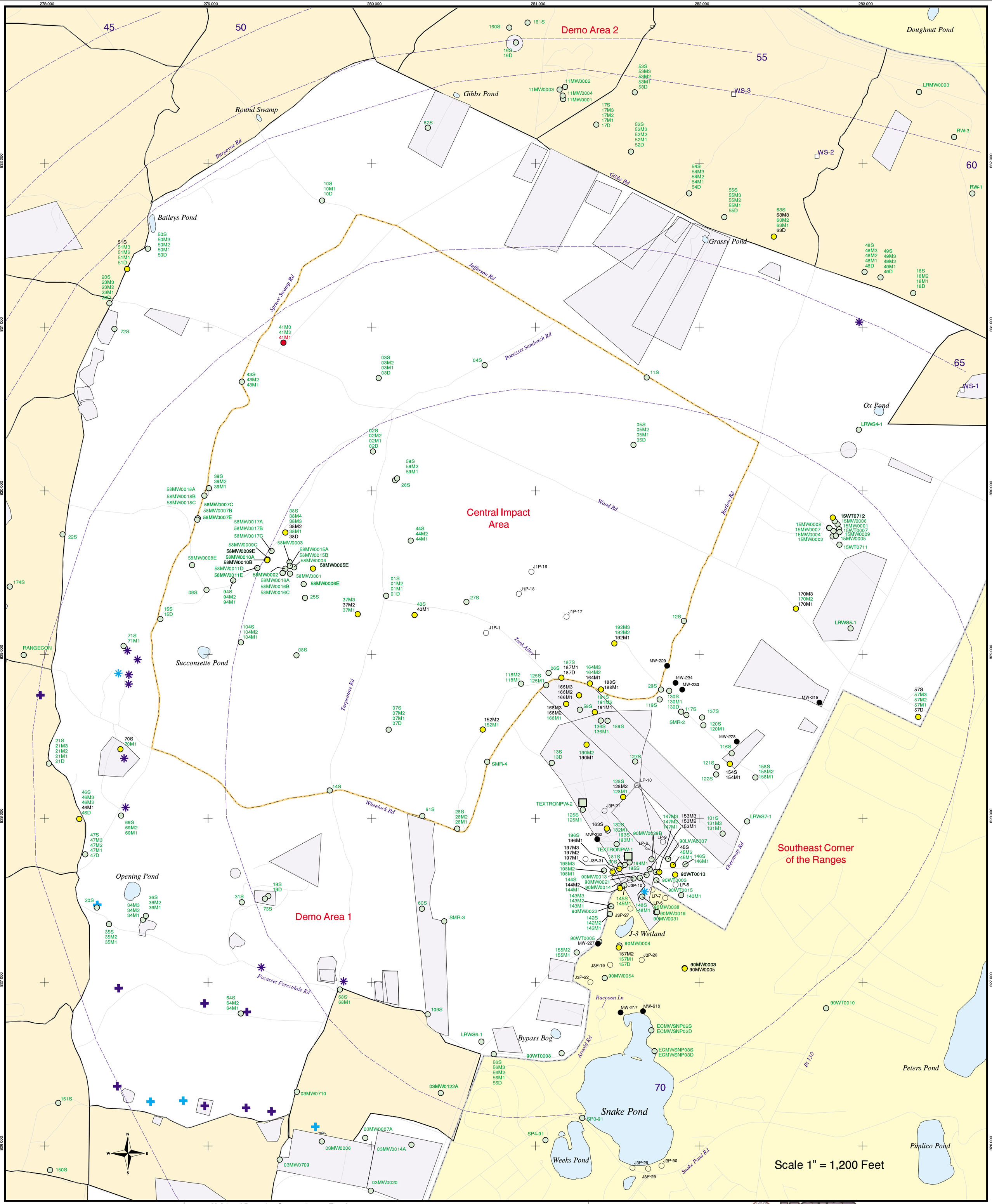
September 03, 2002 DRAFT

IAGWSP
Impact Area Groundwater Study Program

Figure 5

# Semi-Volatile Organic Compounds (excluding BEHP) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 8/23/02

d:\work\monthly\september2002\svoc




Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

amec September 03, 2002 DRAFT

d:\work\monthly\september2002\svoc

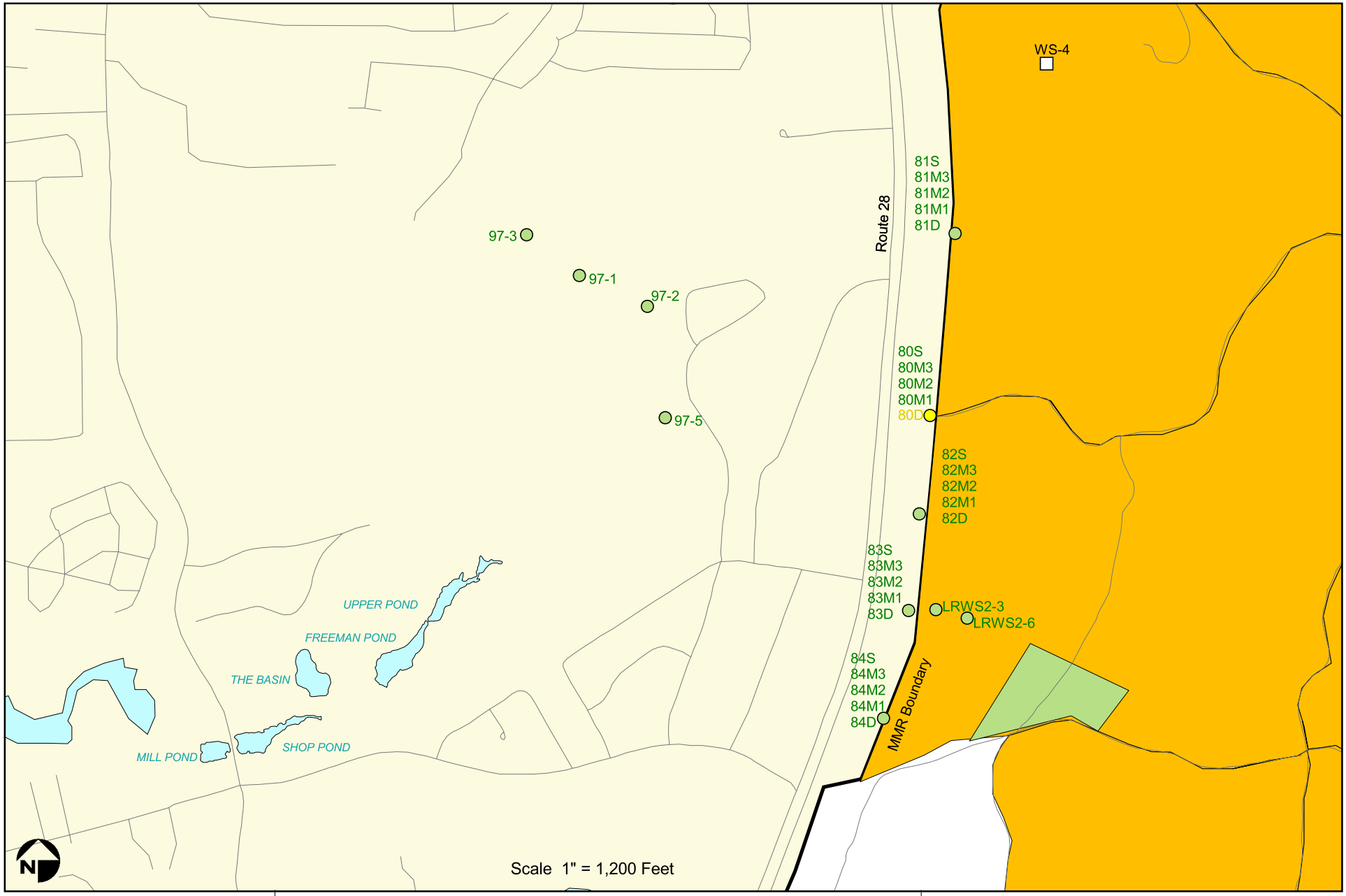
LEGEND

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Water Table Contour (feet above mean sea level)
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Military Ranges
- Military Training Areas
- Validated Non-Detect Water Supply Well
- Future Supply Well

IAGWSP Impact Area Groundwater Study Program

Figure 5 - INSET MAP A

# Semi-Volatile Organic Compounds (excluding BEHP) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 8/23/02




Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

amec

September 3, 2002 DRAFT

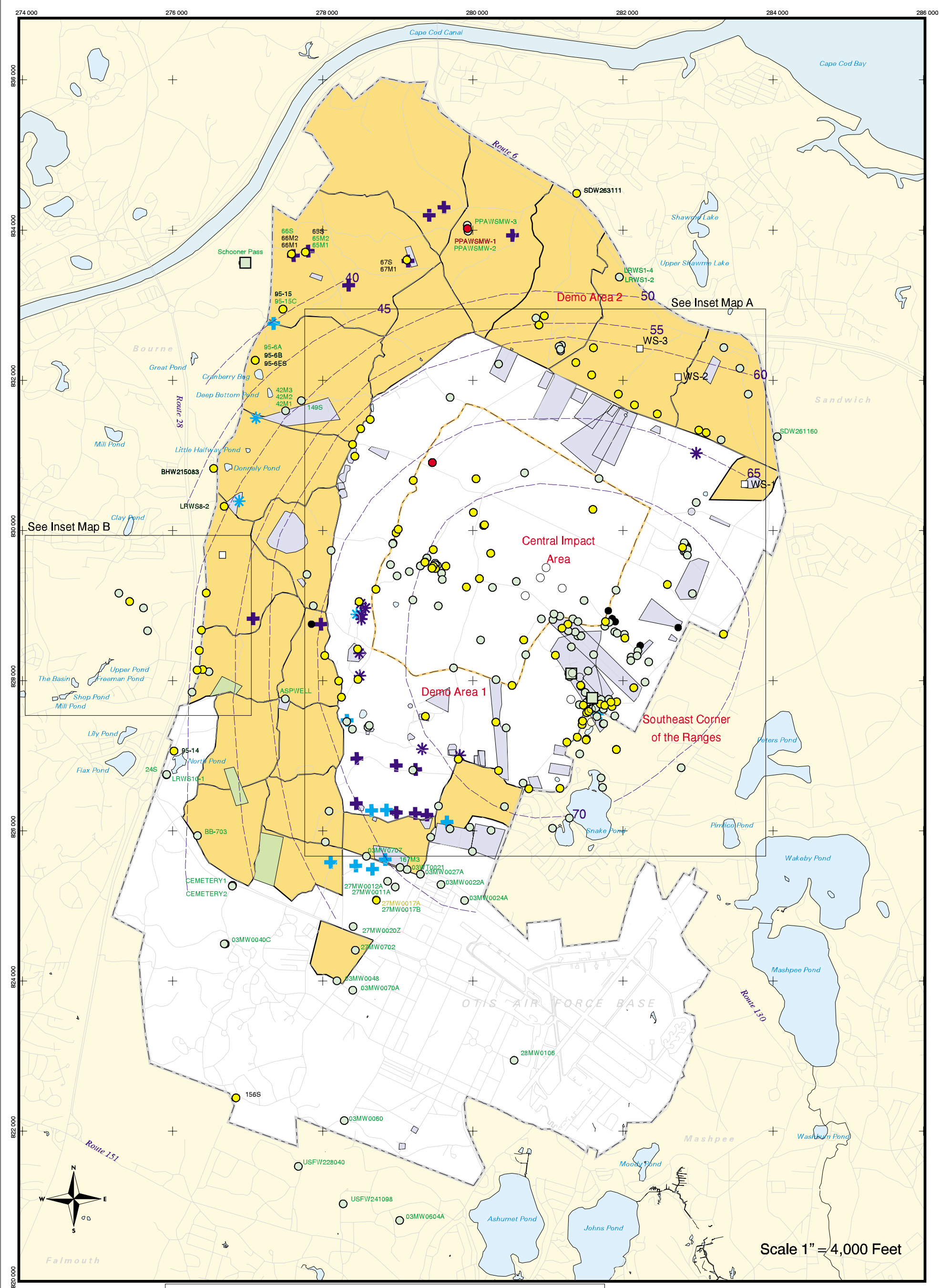
J:\GIS\September2002\monthly_inset_5.pdf
G:\MMR\MMR\ArcVprj\monthly_inset.apr

- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Validated Non-Detect Water Supply Well
- Future Supply Well
- Combat Training Areas
- MilitaryTraining Areas

IAGWSP

**Figure 5 - INSET MAP B**

**Semi-Volatile Organic Compounds (excluding BEHP) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 8/23/02**




LEGEND

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Combat Training Areas
- Military Training Areas
- Military Ranges
- Water Table Contour (feet above mean sea level)
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Validated Non-Detect Water Supply Well
- Future Supply Well

Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

amec

September 03, 2002 DRAFT

IAGWSP
Impact Area Groundwater Study Program

Figure 7

## Herbicides and Pesticides in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 8/23/02

d:\work\monthly\september2002\pest

278 000 279 000 280 000 281 000 282 000 283 000

832 000 831 000 830 000 829 000 828 000 827 000 826 000

Demo Area 2

Central Impact Area

Demo Area 1

Southeast Corner of the Ranges

Scale 1" = 1,200 Feet

Doughnut Pond
Gibbs Pond
Round Swamp
Baileys Pond
Grassy Pond
Ox Pond
Succonsette Pond
Opening Pond
J-3 Wetland
Bypass Bog
Snake Pond
Weeks Pond
Peters Pond
Pimlico Pond

Burgoyne Rd
Gibbs Rd
Spruce Swamp Rd
Jefferson Rd
Pocasset Sandwich Rd
Wood Rd
Barlow Rd
Tank Alley
Turpentine Rd
Wheelock Rd
Pocasset Forestdale Rd
Greenway Rd
Raccoon Ln
Arnold Rd
Rt 130
Snake Pond Rd

45 50 55 60 65 70

WS-1 WS-2 WS-3

RW-1 RW-3

RANGECON

MW-215 MW-216 MW-228 MW-229 MW-230 MW-234

SMR-2 SMR-3 SMR-4

TEXTRONPW-1 TEXTRONPW-2

LRMW0003 LRWS4-1 LRWS5-1 LRWS6-1 LRWS7-1

15MW0002 15MW0004 15MW0005 15MW0006 15MW0007 15MW0008 15MW0009 15MW0001 15WT0007 15WT0712 15WT0711

11MW0001 11MW0002 11MW0003 11MW0004

58MW0001 58MW0002 58MW0003 58MW0004 58MW0005E 58MW0006E 58MW0007B 58MW0007C 58MW0007E 58MW0008E 58MW0009C 58MW0009E 58MW0010A 58MW0010B 58MW0011D 58MW0011E 58MW0015A 58MW0015B 58MW0016A 58MW0016B 58MW0016C 58MW0017A 58MW0017B 58MW0017C 58MW0018A 58MW0018B 58MW0018C

03MW0006 03MW0007A 03MW0014A 03MW0020 03MW0122A 03MW0709 03MW0710

90LWA0007 90MW0003 90MW0004 90MW0005 90MW0013 90MW0014 90MW0019 90MW0021 90MW0022 90MW0029B 90MW0031 90MW0036 90MW0038 90MW0054 90WT0003 90WT0005 90WT0008 90WT0010 90WT0013 90WT0015

ECMWSNP02S ECMWSNP02D ECMWSNP03S ECMWSNP03D

J1P-1 J1P-16 J1P-17 J1P-18 J3P-10 J3P-21 J3P-23 J3P-27 J3P-31

SP3-91 SP4-91

10S 10M1 10D
11S
12S
13S 13D
14S
15S 15D
16S 16D
17S 17M3 17M2 17M1 17D
18S 18M2 18M1 18D
19S 19D
20S
21S 21M3 21M2 21M1 21D
22S
23S 23M3 23M2 23M1 23D
25S
26S
27S
28S 28M2 28M1
29S
02S 02M2 02M1 02D
03S 03M2 03M1 03D
04S
05S 05M2 05M1 05D
06S
07S 07M2 07M1 07D
08S
09S
34M3 34M2 34M1 36S 36M2 36M1
35S 35M2 35M1
37M3 37M2 37M
38S 38M4 38M3 38M2 38M1 38D
39S 39M2 39M1
40S 40M1
41M3 41M2 41M1
43S 43M2 43M1
44S 44M2 44M1
45S 45M2 45M1 146S 146M1 140M1
46S 46M3 46M2 46M1 46D
47S 47M3 47M2 47M1 47D
48S 48M3 48M2 48M1 48D 49S 49M3 49M2 49M1 49D
50S 50M3 50M2 50M1 50D
51S 51M3 51M2 51M1 51D
52S 52M3 52M2 52M1 52D
53S 53M3 53M2 53M1 53D
54S 54M3 54M2 54M1 54D
55S 55M3 55M2 55M1 55D
56S 56M3 56M2 56M1 56D
57S 57M3 57M2 57M1 57D
59S 59M2 59M1
60S
61S
62S
63S 63M3 63M2 63M1 63D
68S 68M1
69S 69M2 69M1
70S 70M1
71S 71M1
72S
94S 94M2 94M1
104S 104M2 104M1
109S
117S 118M2 118M1 119S 120S 120M1 121S 122S 125S 125M1 126S 126M1 127S 128S 128M2 128M1 130S 130M1 130D 131S 131M2 131M1 132S 132M1 135S 135M1 136S 136M1 137S 142S 142M2 142M1 143M3 143M2 143M1 144S 144M2 144M1 145S 145M1 147M3 147M2 147M1 148S 148M1 150S 151S 152M2 152M1 153M3 153M2 153M1 154S 154M1 155M2 155M1 156S 156M2 156M1 157M2 157M1 157D 158S 158M2 158M1 163S 164M3 164M2 164M1 166M3 166M2 166M1 168M3 168M2 168M1 170M3 170M2 170M1 181S 187S 187M1 187D 188S 188M1 189S 190M2 190M1 191S 191M2 191M1 192M3 192M2 192M1 193S 193M1 194M1 195S 196S 196M1 197M3 197M2 197M1 198M3 198M2 198M1

Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

amec September 03, 2002 DRAFT

d:\work\monthly\september2002\pest

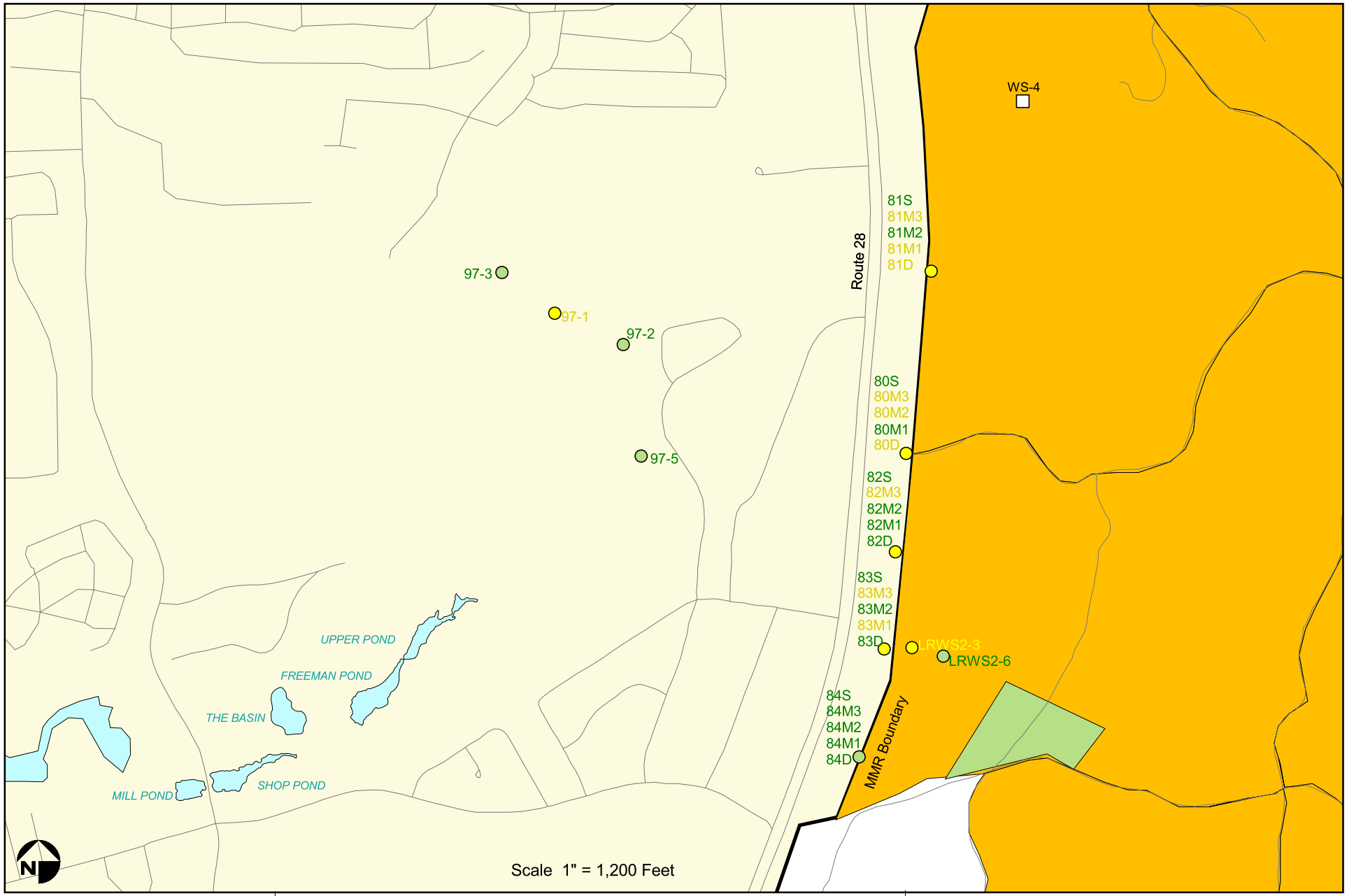
LEGEND

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Water Table Contour (feet above mean sea level)
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Military Ranges
- Military Training Areas
- Validated Non-Detect Water Supply Well
- Future Supply Well

IAGWSP Impact Area Groundwater Study Program

Figure 7 - INSET MAP A

# Herbicides and Pesticides in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 8/23/02




Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

amec

September 3, 2002 DRAFT

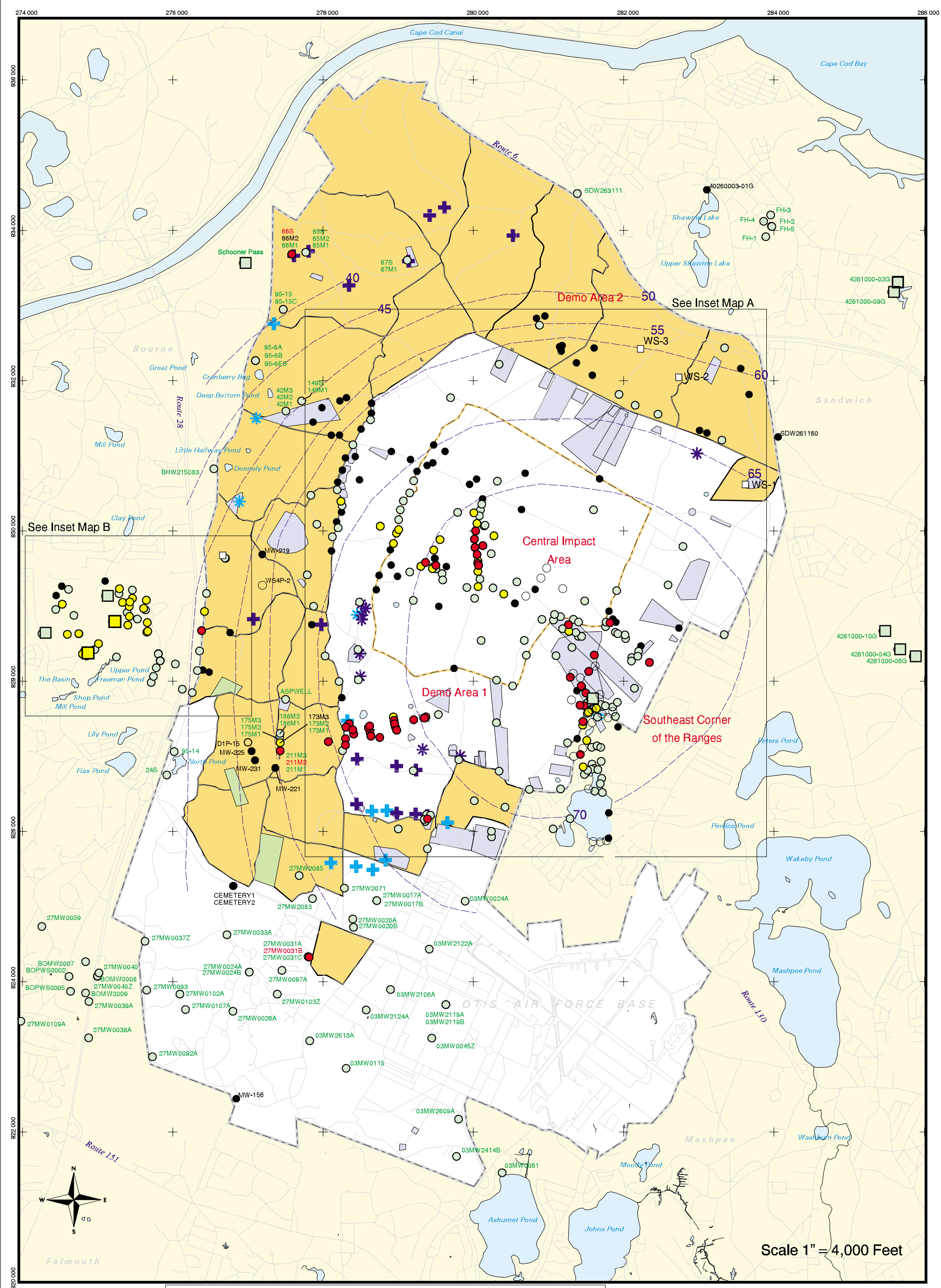
J:\GIS\September2002\monthly_inset_7.pdf
G:\MMR\MMR\ArcVprj\monthly_inset.apr

- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Validated Non-Detect Water Supply Well
- Future Supply Well
- Combat Training Areas
- MilitaryTraining Areas

IAGWSP

**Figure 7 - INSET MAP B**

**Herbicides and Pesticides in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 8/23/02**




LEGEND

- Validated Detection Greater than or Equal to EPA MMR Relevant Standard
- Validated Detection Less than EPA MMR Relevant Standard
- Validated Non-detect
- No Data Available
- Proposed Well
- Combat Training Areas
- Military Training Areas
- Military Ranges
- Water Table Contour (feet above mean sea level)
- Validated Detection Less than EPA MMR Relevant Standard, Water Supply Well
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Validated Non-Detect Water Supply Well
- Future Supply Well

Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

amec September 04, 2002 DRAFT

IAGWSP Impact Area Groundwater Study Program

Figure 8
Perchlorate in Groundwater
Compared to EPA MMR Relevant Standard
Validated Data as of 8/23/02

d:\work\monthly\september2002\perch

278 000 279 000 280 000 281 000 282 000 283 000

832 000 831 000 830 000 829 000 828 000 827 000

Demo Area 2

Central Impact Area

Southeast Corner of the Ranges

Demo Area 1

Doughnut Pond
Gibbs Pond
Round Swamp
Baileys Pond
Grassy Pond
Ox Pond
Succonsette Pond
Opening Pond
Bypass Bog
J-3 Wetland
Snake Pond
Weeks Pond
Peters Pond
Pimlico Pond

Burgoyne Rd
Gibbs Rd
Jefferson Rd
Spruce Swamp Rd
Pocasset Sandwich Rd
Wood Rd
Barlow Rd
Greenway Rd
Tank Alley
Turpentine Rd
Wheelock Rd
Pocasset Forestdale Rd
Arnold Rd
Raccoon Ln
Snake Pond Rd
Rt 130

45 50 55 60 65 70

WS-1 WS-2 WS-3

SMR-2 SMR-4

RANGECON USCGANTST

MW-160 MW-161 16S
11MW0002 11MW0003 11MW0004 11MW0001 MW-53 MW-17 MW-52 62S
LRMW0003 RW-3 RW-1 RW-2
54S 54M3 54M2 54M1 54D
55S 55M3 55M2 55M1 55D
63S 63M3 63M2 63M1 63D
MW-48 MW-49 18D
10S 10M1 10D
MW-133 MW-212 MW-202 MW-206 MW-223 MW-178 50M1 MW-51 MW-176 MW-207 23M1
MW-208 MW-203 MW-185 MW-180 MW-97 MW-41 MW-86 MW-124 MW-72 MW-123 MW-209 MW-103 43M2
MW-4 MW-3 MW-204 159S 159M1 MW-11
95M2 95M1 89M3 89M2 89M1 88M3 88M2 88M1 87M3 87M2 87M1
MW-179 113M2 113M1 02S 02M2 02M1 02D 112M2 112M1 92M1 98S 98M1 59S 59M2 59M1 26S 99S 99M1 100M2 100M1 106M2 106M1 101S 101M1 105M2 105M1 93M2 93M1 44S
141S 141M1 MW-205 05S 05M2 05M1 05D
183M2 183M1 102S 102M2 102M1 108M4 108M3 108M2 108M1 108D 110M3 110M2 110M1 MW-201
182M2 182M1 MW-200 135M2 135M1 177M2 177M1 MW-22
58MW0020A 58MW0020B 58MW0018A 58MW0018B 58MW0018C 58MW0007C 58MW0007B 58MW0007E 39S 39M2 39M1 MW-111
184M2 184M1 38M4 38M3 38M2 38M1 38D
58MW0009C 58MW0009E 58MW0003 58MW0015A 58MW0015B 58MW0005E MW-138 58MW0011D 58MW0011E 58MW0002 58MW0016A 58MW0016B 58MW0016C 58MW0001 58MW0006E 25S MW-134 MW-9 94M2 94M1
OW-6 OW-1 OW-2 91S 91M1 90S 90M1 01S 01M2 37M3 85S 85M1 40M1 107M2 107M1 27S MW-220 J1P-16 J1P-18 J1P-17 J1P-1 MW-224 MW-15 MW-8 104M1 115S 115M1
174S 71S 71M1 RANGECON MW-216 70S 70M1 21M3 21M2 21M1 21D
MW-14 61S 28S 28M2 28M1 MW-47 46S 46M3 46M2 46M1 46D 69S 69M2 69M1
Opening Pond 32S 32M 32D 33S 33M 33D 34M3 34M2 34M1 36S 36M3 36M2 36M1 74M3 74M2 74M1 75S 75M2 75M1 31S 31M1 31D 19S 19D 79S 79M2 79M1 73S 77S 77M2 77M1 76S 76M2 76M1 139M3 139M2 139M1 129M3 129M2 129M1 78S 78M3 78M2 78M1 35S 35M2 35M1 114M2 114M1 162M3 162M2 162M1 165M3 165M2 165M1 172M3 172M2 172M1 210M3 210M2 210M1 214M3 214M2 214M1 64S 64M2 64M1 68S 109S 60S
MW-227 155M2 155M1 157M2 157M1 157D J3P-20 90MW0070 90MW0071 J3P-19 90MW0063 J3P-22 90MW0054 90MW0080 90MP0059 90MW0101A 90PZ0211 90PZ0204 90PZ0208 90MW0102A 90SNP001 217M4 217M3 217M2 217M1 169M2 169M1 J3P-26 90SNP002 171M3 171M2 171M1 90WT0008 56S 56M3 56M2 56M1 56D
03MW0009 03MW0122A 03MW0025B 03MW0008 27MW0010 16MW0003 16MW0004 16MW0002 16MW0002A 16MW0001 16MW0005A 16MW0005B USBH027072
MW-229 MW-234 MW-230 MW-215 MW-228 MW-232 MW-10 LP-10 LP-8 LP-7 LP-6 LP-5 TEXTRONPW1 J3P-23 J3P-21 J3P-31 J3P-10 J3P-27 J3P-28 J3P-30 J3P-29 90MW0104A 90MW0105A,B 90MW0034 90MW0038 90MW0023 90WT0013 90WT0004 90MW0014 90MW0022 06S 187S 187M1 187D 164M3 164M2 164M1 188S 188M1 166M3 166M2 166M1 191S 191M2 191M1 58S 168M3 168M2 168M1 136S 136M1 189S 190M2 190M1 13S 13D 127S 128S 128M2 128M1 125S 125M1 163S 132S 132M1 193S 193M1 196S 196M1 197M3 197M2 197M1 198M3 198M2 198M1 144S 144M2 144M1 143M3 143M2 143M1 181S 30S 194M1 195S 145S 145M1 148S 148M1 142S 142M2 142M1 29S 130S 130M1 130D 119S 117S 137S 120S 120M1 116S 121S 122S 154S 154M1 158S 158M2 158M1 131S 131M2 131M1 147M3 147M2 147M1 153M3 153M2 153M1 146S 146M1 140M1 118M2 118M1 126S 126M1 152M2 152M1 07S 07M2 07M1 07D 12S 192M3 192M2 192M1 170M3 170M2 170M1 57S 57M3 57M2 57M1 57D

Scale 1" = 1,200 Feet

LEGEND

- Validated Detection Greater than or Equal to EPA MMR Relevant Standard
- Validated Detection Less than EPA MMR Relevant Standard
- Validated Non-detect
- No Data Available
- Proposed Well
- Water Table Contour (feet above mean sea level)
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Military Ranges
- Military Training Areas
- Validated Non-Detect Water Supply Well
- Future Supply Well

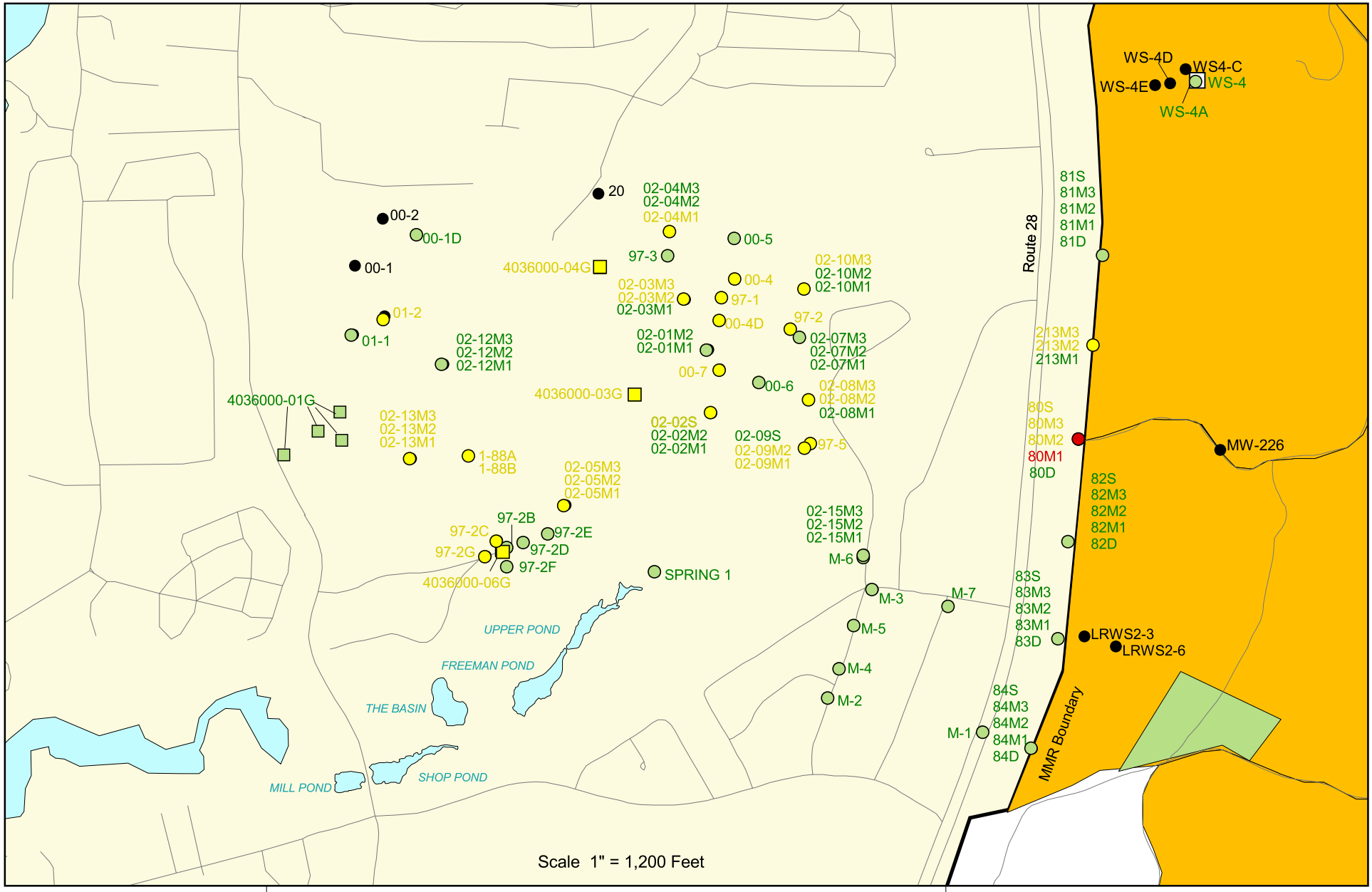
Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

amec September 03, 2002 DRAFT

d:\work\monthly\september2002\perch

IAGWSP Impact Area Groundwater Study Program

Figure 8 - INSET MAP A
Perchlorate in Groundwater
Compared to EPA MMR Relevant Standard
Validated Data as of 8/23/02




Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

amec September 3, 2002 DRAFT

J:\GIS\September2002\monthly_inset_8.pdf
G:\MMR\MMR\ArcVprj\monthly_inset.apr

- Validated Detection Greater than or Equal to EPA MMR Relevant Standard
- Validated Detection Less than EPA MMR Relevant Standard
- Validated Non-Detect
- Validated Detection Less than EPA MMR Relevant Standard
- Validated Non-Detect Water Supply Well
- No Data Available
- Future Supply Well
- Combat Training Areas
- MilitaryTraining Areas

IAGWSP

**Figure 8 - INSET MAP B**

**Perchlorate in Groundwater**
**Compared to EPA MMR Relevant Standard**
**Validated Data as of 8/23/02**

# Site Characterization (AO1)

## Demo Area 1

| Activity ID | Activity Description | ENF MILE | REM DUR | Start | Finish |
|---|---|---|---|---|---|
| 00190 | Additional GW Delineation | | 12 | 26NOV01A | 11SEP02 |
| 00193 | Prepare GW Report Addendum | | 53 | 12SEP02 | 25NOV02 |
| 00194 | Draft GW Report Addendum | YES | 0 | | 25NOV02 |
| 00169 | Guard Prepare/Submit MORs 01-10 | | 8 | 01MAR02A | 05SEP02 |
| 00171 | Agencies Approve MORs 01-10 | | 5 | 06SEP02 | 12SEP02 |
| 00176 | Agencies Comment on Env Risk Report | | 5 | 08APR02A | 30AUG02 |
| 00177 | Agencies Approve MOR Env Risk Rep | | 0 | | 30AUG02 |
| 00172 | Guard Prepare Final Soil Report | | 96 | 13SEP02 | 29JAN03 |
| 00159 | Demo 1 Final Soil Report | YES | 0 | | 29JAN03 |

## Central Impact Area

### Groundwater Plume Delineation

| Activity ID | Activity Description | ENF MILE | REM DUR | Start | Finish |
|---|---|---|---|---|---|
| 00285 | Install 17 Additional Well Nests | | 6 | 13DEC01A | 03SEP02 |
| 00287 | Complete 17 Additional Well Nests | YES | 0 | | 03SEP02 |
| 02005 | Sample/Analyze/Validate 25 Additional | | 56 | 31OCT01A | 12NOV02 |
| 02010 | Sample/Analyze/Validate ClO4 | | 33 | 11APR02A | 10OCT02 |
| 02015 | Sample/Analyze/Validate 8/02 LTGM | | 78 | 05AUG02A | 13DEC02 |
| 02020 | Prepare GW Report (MCP Ph.II) | | 35 | 16DEC02 | 04FEB03 |
| 02025 | Submit Draft GW Report (MCP Ph.II) | | 0 | | 04FEB03 |
| 02030 | Revise GW Report (MCP Ph.II) | | 65 | 05FEB03 | 07MAY03 |
| 02035 | Submit Final GW Report (MCP Ph.II) | | 0 | | 07MAY03 |

### Impact Area Targets (Phase 2)

| Activity ID | Activity Description | ENF MILE | REM DUR | Start | Finish |
|---|---|---|---|---|---|
| 01860 | Lab Analysis/Data Validation | | 4 | 03JUN02A | 29AUG02 |

### High Use Target Area 1

| Activity ID | Activity Description | ENF MILE | REM DUR | Start | Finish |
|---|---|---|---|---|---|
| 01190 | HUTA Revise Draft Report | | 3 | 01NOV01A | 28AUG02 |
| 01191 | Submit Revised Draft Final Report | | 0 | | 28AUG02 |
| 01192 | Revise Revised Draft Final Report | | 65 | 29AUG02 | 29NOV02 |
| 01195 | HUTA Final Report | YES | 0 | | 29NOV02 |

### High Use Target Area 2

#### Site #1

| Activity ID | Activity Description | ENF MILE | REM DUR | Start | Finish |
|---|---|---|---|---|---|
| 01908 | Revise Draft Report | | 13 | 03MAY02A | 12SEP02 |
| 01909 | Submit Draft Final Report | YES | 0 | | 12SEP02 |

#### Site #2

| Activity ID | Activity Description | ENF MILE | REM DUR | Start | Finish |
|---|---|---|---|---|---|
| 01918 | Revise Draft Report | | 13 | 05JUN02A | 12SEP02 |
| 01919 | Submit Draft Final Report | YES | 0 | | 12SEP02 |

#### Site #3

| Activity ID | Activity Description | ENF MILE | REM DUR | Start | Finish |
|---|---|---|---|---|---|
| 01928 | Revise Draft Report | | 13 | 20JUN02A | 12SEP02 |
| 01929 | Submit Draft Final Report | YES | 0 | | 12SEP02 |

#### Site #4

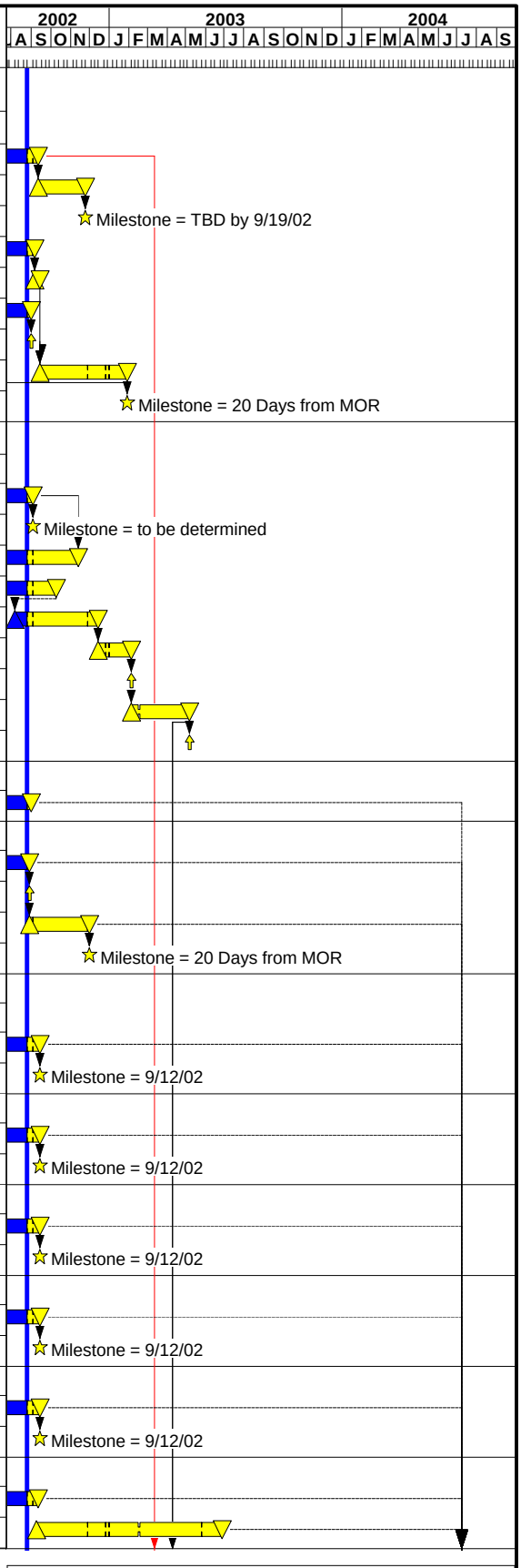
| Activity ID | Activity Description | ENF MILE | REM DUR | Start | Finish |
|---|---|---|---|---|---|
| 01938 | Revise Draft Report | | 13 | 27JUN02A | 12SEP02 |
| 01939 | Submit Draft Final Report | YES | 0 | | 12SEP02 |

#### Site #5

| Activity ID | Activity Description | ENF MILE | REM DUR | Start | Finish |
|---|---|---|---|---|---|
| 01948 | Revise Draft Report | | 13 | 05JUL02A | 12SEP02 |
| 01949 | Submit Draft Final Report | YES | 0 | | 12SEP02 |

### Soil Report

| Activity ID | Activity Description | ENF MILE | REM DUR | Start | Finish |
|---|---|---|---|---|---|
| 00211 | Perchlorate Soil Sampling | | 11 | 20MAY02A | 10SEP02 |
| 00213 | Ecological Investigation | | 203 | 10SEP02* | 26JUN03 |




Project Start 29FEB00
Project Finish 20NOV06
Data Date 24AUG02
Run Date 04SEP02

Early Bar
Progress Bar



UBER

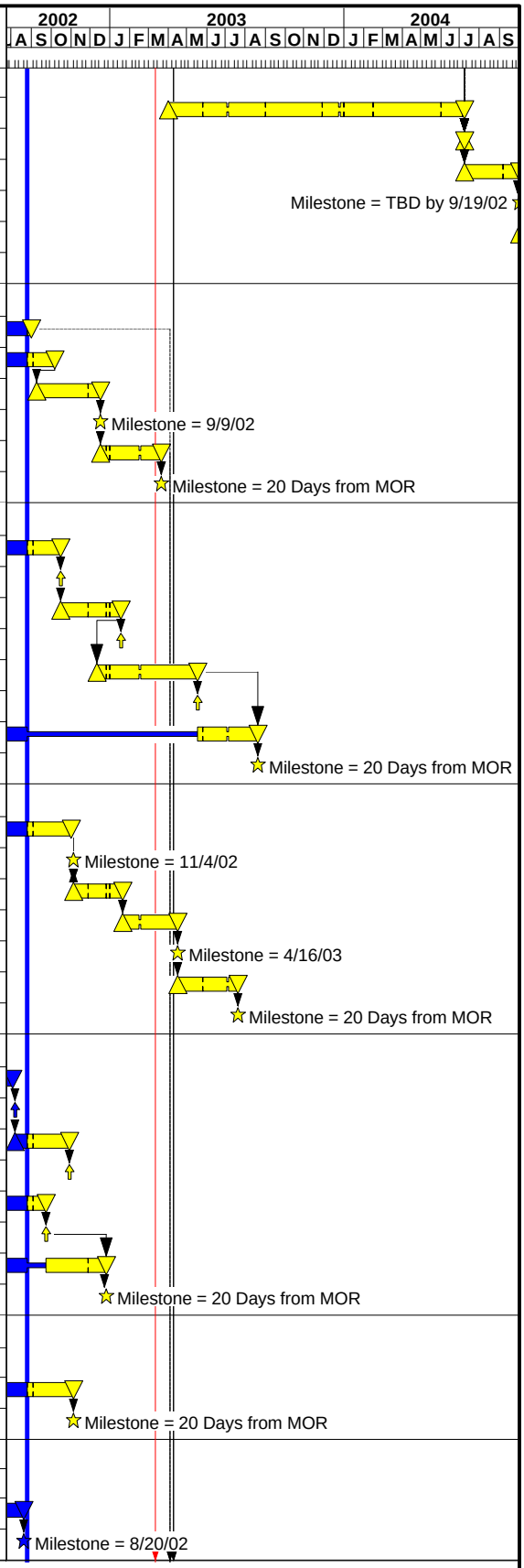
Sheet 1 of 5

DRAFT

| Date | Revision | Checked | Approved |
|---|---|---|---|
| | | | |

**Figure 9. Combined Schedule for the Impact Area GW Study Program as of 8/23/02**

| Activity ID | Activity Description | ENF MILE | REM DUR | Start | Finish |
|---|---|---|---|---|---|
| Soil Report | | | | | |
| 00216 | UXO/OE Additional Characterization | | 323 | 01APR03* | 07JUL04 |
| 00260 | Coordination Meeting CIA Soil Report | | 1 | 07JUL04 | 07JUL04 |
| 00261 | Final Revisions CIA Soil Report | | 60 | 08JUL04 | 30SEP04 |
| 00262 | Submit Draft Final CIA Soil Report | YES | 0 | | 30SEP04 |
| 00263 | Revise Draft Final CIA Soil Report | | 65 | 01OCT04 | 03JAN05 |
| 00292 | Final Soil Report | YES | 0 | | 03JAN05 |
| **J-1/J-3 Range** | | | | | |
| 00497 | Additional Delineation Rev. Draft Report | | 4 | 24MAY02A | 29AUG02 |
| 00485 | Additional Delineation Investigation | | 30 | 27MAR02A | 07OCT02 |
| 00486 | J1/J3/L Range Draft Final Rep. Prep. | | 70 | 10SEP02 | 17DEC02 |
| 00487 | J1/J3/L Range Draft Final Report | YES | 0 | | 17DEC02 |
| 00488 | Revise J1/J3/L Range Draft Final Rep. | | 65 | 18DEC02 | 21MAR03 |
| 00489 | J1/J3/L Range Final Report | YES | 0 | | 21MAR03 |
| **Gun/Mortar Positions** | | | | | |
| 00570 | Additional Characterization G/M | | 35 | 22APR02A | 14OCT02 |
| 00575 | Submit Final COCs/Draft ADWP | | 0 | | 14OCT02 |
| 00577 | Revise G/M Draft ADWP | | 65 | 15OCT02 | 16JAN03 |
| 00578 | Submit G/M Final ADWP | | 0 | | 16JAN03 |
| 00580 | Additional Delineation G/M Positions | | 110 | 11DEC02 | 16MAY03 |
| 00585 | Submit Draft Final G/M Report | | 0 | | 16MAY03 |
| 00549 | Gun/Mortar Rev. Draft Final | | 65 | 01AUG01A | 19AUG03 |
| 00550 | Gun/Mortar Final Report | YES | 0 | | 19AUG03 |
| **Training Areas** | | | | | |
| 00860 | Training Areas Background | | 49 | 20MAR00A | 01NOV02 |
| 00862 | Start Training Areas Fieldwork | YES | 0 | 04NOV02 | |
| 00864 | Training Areas Fieldwork | | 54 | 04NOV02 | 21JAN03 |
| 00870 | Training Areas Report Preparation | | 60 | 22JAN03 | 16APR03 |
| 00880 | Submit Training Areas Draft Report | YES | 0 | | 16APR03 |
| 00890 | Training Areas Rev. Draft Report | | 65 | 17APR03 | 18JUL03 |
| 00895 | Training Areas Final Report | YES | 0 | | 18JUL03 |
| **Phase II(b)** | | | | | |
| 01552 | Prepare Draft SAR Report | | 0 | 09MAY02A | 02AUG02A |
| 01553 | Submit Draft SAR Report | | 0 | | 05AUG02A |
| 01554 | Revise Draft SAR Report | | 46 | 05AUG02A | 29OCT02 |
| 01555 | Submit SAR Final Report | | 0 | | 29OCT02 |
| 01558 | Prepare Draft Final 2b Report | | 20 | 09MAY02A | 23SEP02 |
| 01559 | Submit Draft Final 2b Report | | 0 | | 23SEP02 |
| 01560 | Revise Draft Final 2b Report | | 65 | 20AUG01A | 24DEC02 |
| 01570 | Phase II(b) Final Report | YES | 0 | | 24DEC02 |
| **Munition Survey Project** | | | | | |
| MSP Phase I | | | | | |
| 01625 | Revise Revised MSP Phase I Draft | | 50 | 04SEP01A | 04NOV02 |
| 01630 | Submit MSP Phase I Final Report | YES | 0 | | 04NOV02 |
| MSP Phase II | | | | | |
| Demo 1 Validation | | | | | |
| 01712 | Approve MOR & Finalize | | 0 | 16APR02A | 20AUG02A |
| 01719 | Submit Final Report | YES | 0 | | 20AUG02A |




Project Start 29FEB00
Project Finish 20NOV06
Data Date 24AUG02
Run Date 04SEP02

Early Bar
Progress Bar



UBER

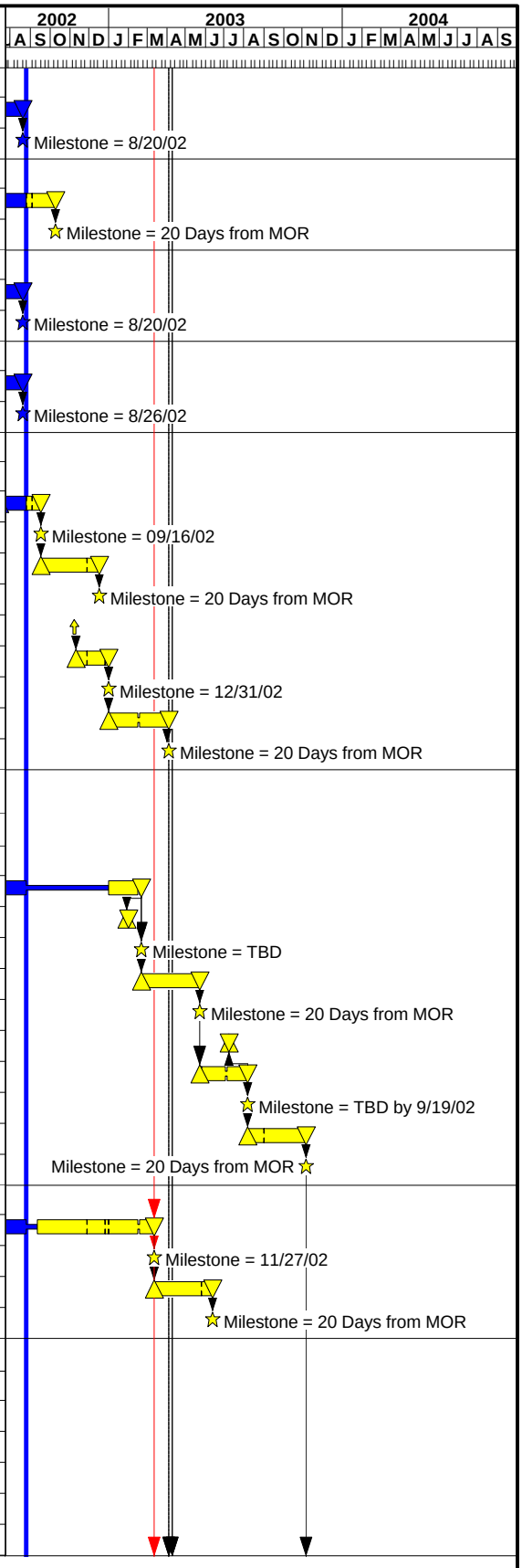
Sheet 2 of 5

**Figure 9. Combined Schedule for the Impact Area GW Study Program as of 8/23/02**

DRAFT

| Date | Revision | Checked | Approved |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| Activity ID | Activity Description | ENF MILE | REM DUR | Start | Finish |
|---|---|---|---|---|---|
| Slit Trench Validation | | | | | |
| 01728 | Revise Draft Report | | 0 | 07NOV01A | 20AUG02A |
| 01729 | Submit Final Report | YES | 0 | | 20AUG02A |
| ASP Geophysics | | | | | |
| 01742 | Approve MOR & Finalize | | 31 | 15APR02A | 08OCT02 |
| 01749 | Submit Final Report | YES | 0 | | 08OCT02 |
| Former K Range | | | | | |
| 01752 | Approve MOR & Finalize | | 0 | 08APR02A | 20AUG02A |
| 01759 | Submit Final Report | YES | 0 | | 20AUG02A |
| Former A Range | | | | | |
| 01762 | Approve MOR & Finalize | | 0 | 11APR02A | 20AUG02A |
| 01769 | Submit Final Report | YES | 0 | | 20AUG02A |
| MSP Phase III | | | | | |
| CIA MSP Sites #1 and #2 | | | | | |
| 01795 | Prepare Eastern Test Site Report | | 15 | 11JUL02A | 16SEP02 |
| 01797 | Eastern Test Site Draft Report | YES | 0 | | 16SEP02 |
| 01798 | Revise Eastern Test Site Draft Report | | 65 | 17SEP02 | 17DEC02 |
| 01799 | Submit Eastern Test Site Final Report | YES | 0 | | 17DEC02 |
| 01802 | SCAR Site Complete Fieldwork | | 0 | | 08NOV02 |
| 01803 | Prepare SCAR Site Report | | 35 | 11NOV02 | 31DEC02 |
| 01804 | SCAR Site Draft Report | YES | 0 | | 31DEC02 |
| 01805 | Revise SCAR Site Draft Report | | 65 | 02JAN03 | 03APR03 |
| 01806 | Submit SCAR Site Final Report | YES | 0 | | 03APR03 |
| **Feasibility Studies (AO3)** | | | | | |
| **Demo Area 1** | | | | | |
| Soil Operable Unit | | | | | |
| 21190 | Revise Draft FS Screening Report | | 35 | 22JUN01A | 20FEB03 |
| 21191 | Coordination Meeting | | 1 | 30JAN03 | 30JAN03 |
| 21193 | Submit Draft Final Demo 1 FSSR | YES | 0 | | 20FEB03 |
| 21194 | Revise Draft Final Demo 1 FSSR | | 65 | 21FEB03 | 22MAY03 |
| 21200 | Final FS Screening Report | YES | 0 | | 22MAY03 |
| 21270 | FS Scoping Meeting | | 1 | 08JUL03 | 08JUL03 |
| 21310 | FS Preparation | | 50 | 23MAY03 | 04AUG03 |
| 21320 | Draft FS | YES | 0 | | 04AUG03 |
| 21330 | Revise Draft FS | | 65 | 05AUG03 | 04NOV03 |
| 21340 | Final FS | YES | 0 | | 04NOV03 |
| Groundwater Operable Unit | | | | | |
| 21670 | Revise Draft FS | | 125 | 02OCT01A | 11MAR03 |
| 21675 | Draft Final FS | YES | 0 | | 11MAR03 |
| 21678 | Revise Draft Final FS | | 65 | 12MAR03 | 11JUN03 |
| 21680 | Final FS | YES | 0 | | 11JUN03 |
| **Central Impact Area** | | | | | |
| Soil Operable Unit | | | | | |
| 22110 | FS Screening Report Preparation | | 40 | 06DEC04 | 31JAN05 |
| 22112 | Scoping Meeting for FSSR | | 1 | 03DEC04 | 03DEC04 |
| 22120 | Draft FS Screening Report | YES | 0 | | 31JAN05 |
| 22130 | Revise Draft FS Screening Report | | 65 | 01FEB05 | 02MAY05 |
| 22140 | Final FS Screening Report | YES | 0 | | 02MAY05 |




2002 2003 2004
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

Project Start 29FEB00
Project Finish 20NOV06
Data Date 24AUG02
Run Date 04SEP02

Early Bar
Progress Bar



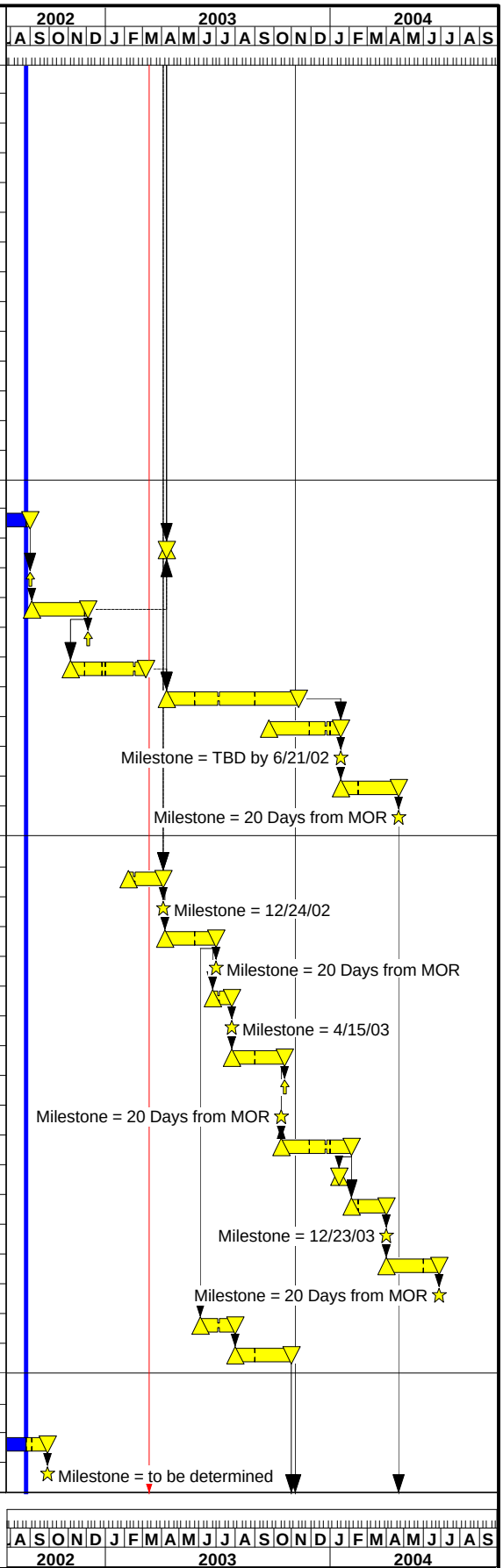
UBER



**Figure 9. Combined Schedule for the Impact Area GW Study Program as of 8/23/02**

| DRAFT | | | |
|---|---|---|---|
| Date | Revision | Checked | Approved |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| Activity ID | Activity Description | ENF MILE | REM DUR | Start | Finish |
|---|---|---|---|---|---|
| Soil Operable Unit | | | | | |
| 22150 | Post-Screening Invest. Workplan Prep. | | 22 | 26APR05 | 25MAY05 |
| 22160 | Draft Post-Screening Invest. Workplan | YES | 0 | | 25MAY05 |
| 22170 | Revise Draft PSI Workplan | | 65 | 26MAY05 | 24AUG05 |
| 22180 | Final Post-Screening Workplan | | 0 | | 24AUG05 |
| 22190 | Start Post-Screening Investigation | YES | 0 | 28JUL05 | |
| 22200 | Post-Screening Investigation | | 80 | 28JUL05 | 16NOV05 |
| 22202 | FS Scoping Meeting | | 1 | 27OCT05 | 27OCT05 |
| 22210 | FS Preparation | | 40 | 17NOV05 | 11JAN06 |
| 22220 | Draft FS | YES | 0 | | 11JAN06 |
| 22230 | Revise Draft FS | | 65 | 12JAN06 | 12APR06 |
| 22240 | Final FS | YES | 0 | | 12APR06 |
| 22250 | (Draft FS if no PSI) | | 60 | 05APR05 | 27JUN05 |
| 22260 | (Final FS if no PSI) | | 65 | 28JUN05 | 26SEP05 |
| Groundwater Operable Unit | | | | | |
| 22390 | Post-Screening Investigation | | 5 | 21SEP01A | 30AUG02 |
| 22391 | FS Scoping Meeting | | 1 | 10APR03 | 10APR03 |
| 22392 | Draft Pump Test Report | | 0 | | 30AUG02 |
| 22394 | Review/Approve Pump Test Report | | 65 | 03SEP02 | 03DEC02 |
| 22395 | Submit Final Pump Test Report | | 0 | | 03DEC02 |
| 22396 | Update Regional GW Model | | 85 | 05NOV02 | 07MAR03 |
| 22398 | GW Flow/Transport Modeling | | 151 | 10APR03 | 11NOV03 |
| 22400 | FS Preparation | | 80 | 25SEP03 | 19JAN04 |
| 22410 | Draft FS | YES | 0 | | 19JAN04 |
| 22420 | Revise Draft FS | | 65 | 20JAN04 | 20APR04 |
| 22430 | Final FS | YES | 0 | | 20APR04 |
| **SE Corner of Ranges** | | | | | |
| 23110 | FS Screening Report Preparation | | 40 | 07FEB03 | 04APR03 |
| 23120 | Draft FS Screening Report | YES | 0 | | 04APR03 |
| 23130 | Revise Draft FS Screening Report | | 60 | 07APR03 | 30JUN03 |
| 23140 | Final FS Screening Report | YES | 0 | | 30JUN03 |
| 23150 | Post-Screening Invest. Workplan Prep. | | 22 | 24JUN03 | 24JUL03 |
| 23160 | Draft Post-Screening Invest. Workplan | YES | 0 | | 24JUL03 |
| 23170 | Revise Draft PSI Workplan | | 60 | 25JUL03 | 17OCT03 |
| 23180 | Final Post-Screening Workplan | | 0 | | 17OCT03 |
| 23190 | Start Post-Screening Investigation | YES | 0 | 13OCT03 | |
| 23200 | Post-Screening Investigation | | 80 | 13OCT03 | 04FEB04 |
| 23202 | FS Scoping Meeting | | 1 | 15JAN04 | 15JAN04 |
| 23210 | FS Preparation | | 40 | 05FEB04 | 01APR04 |
| 23220 | Draft FS | YES | 0 | | 01APR04 |
| 23230 | Revise Draft FS | | 60 | 02APR04 | 25JUN04 |
| 23240 | Final FS | YES | 0 | | 25JUN04 |
| 23250 | (Draft FS if no PSI) | | 40 | 03JUN03 | 29JUL03 |
| 23260 | (Final FS if no PSI) | | 65 | 30JUL03 | 29OCT03 |
| **UXO** | | | | | |
| UXO Operable Unit | | | | | |
| 24130 | Revise Draft FS Screening Report | | 24 | 21MAR01A | 27SEP02 |
| 24140 | Final FS Screening Report | YES | 0 | | 27SEP02 |




Project Start 29FEB00
Project Finish 20NOV06
Data Date 24AUG02
Run Date 04SEP02

Early Bar
Progress Bar



UBER

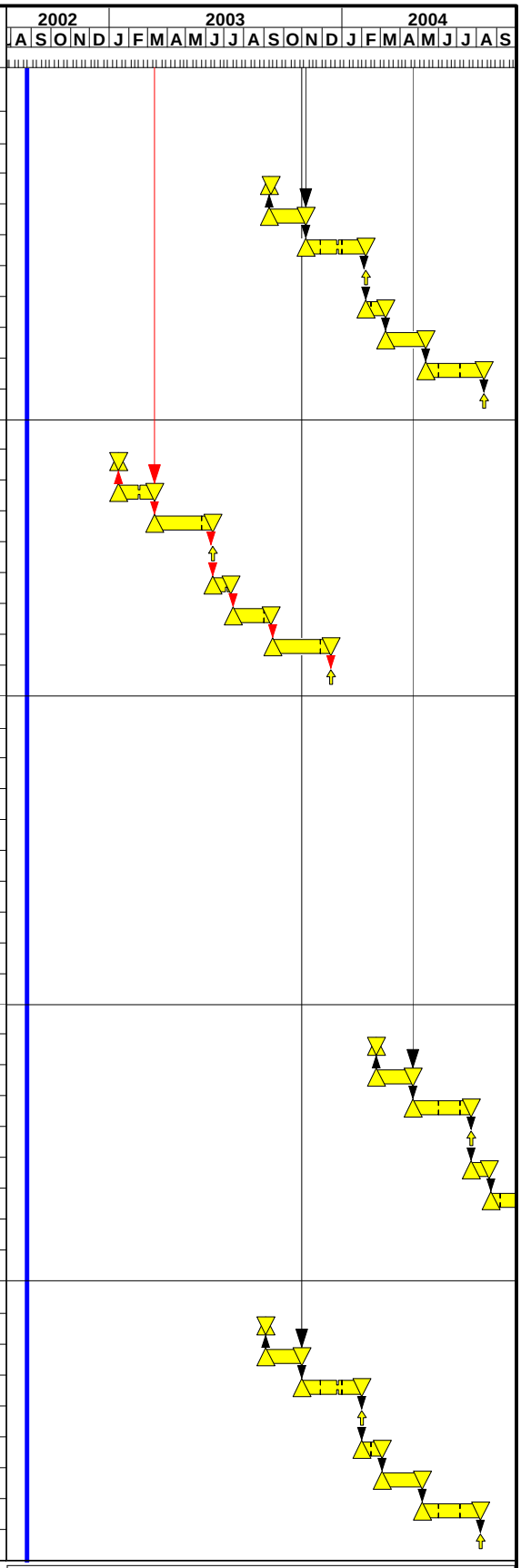
Sheet 4 of 5

DRAFT

| Date | Revision | Checked | Approved |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**Figure 9. Combined Schedule for the Impact Area GW Study Program as of 8/23/02**

| Activity ID | Activity Description | ENF MILE | REM DUR | Start | Finish |
|---|---|---|---|---|---|
| **Remedy Selection (AO3)** | | | | | |
| **Demo Area 1** | | | | | |
| Soil Operable Unit | | | | | |
| 31105 | Soil RS Plan Scoping Meeting | | 1 | 10SEP03 | 10SEP03 |
| 31110 | Prepare Draft Remedy Selection Plan | | 40 | 10SEP03 | 04NOV03 |
| 31120 | Revise Draft Remedy Selection Plan | | 65 | 05NOV03 | 06FEB04 |
| 31130 | Remedy Selection Plan | | 0 | | 06FEB04 |
| 31140 | Public Comment Period | | 21 | 09FEB04 | 09MAR04 |
| 31150 | Draft Decision Doc/ Response | | 44 | 10MAR04 | 10MAY04 |
| 31160 | Revise Draft DD/RS | | 65 | 11MAY04 | 11AUG04 |
| 31170 | Final Decision Doc/ Response | | 0 | | 11AUG04 |
| Groundwater Operable Unit | | | | | |
| 31505 | GW RS Plan Scoping Meeting | | 1 | 14JAN03* | 14JAN03 |
| 31510 | Prepare Draft Remedy Selection Plan | | 40 | 14JAN03 | 11MAR03 |
| 31520 | Revise Draft Remedy Selection Plan | | 65 | 12MAR03 | 11JUN03 |
| 31530 | Remedy Selection Plan | | 0 | | 11JUN03 |
| 31540 | Public Comment Period | | 21 | 12JUN03 | 11JUL03 |
| 31550 | Draft Decision Doc/ Response | | 44 | 14JUL03 | 12SEP03 |
| 31560 | Revise Draft DD/RS | | 65 | 15SEP03 | 15DEC03 |
| 31570 | Final Decision Doc/ Response | | 0 | | 15DEC03 |
| **Central Impact Area** | | | | | |
| Soil Operable Unit (if no PSI) | | | | | |
| 32105 | Soil RS Plan Scoping Meeting | | 1 | 02AUG05 | 02AUG05 |
| 32110 | Prepare Draft Remedy Selection Plan | | 40 | 02AUG05 | 26SEP05 |
| 32120 | Revise Draft Remedy Selection Plan | | 65 | 27SEP05 | 26DEC05 |
| 32130 | Remedy Selection Plan | | 0 | | 26DEC05 |
| 32140 | Public Comment Period | | 21 | 27DEC05 | 24JAN06 |
| 32150 | Draft Decision Doc/ Response | | 44 | 25JAN06 | 27MAR06 |
| 32160 | Revise Draft DD/RS | | 65 | 28MAR06 | 26JUN06 |
| 32170 | Final Decision Doc/ Response | | 0 | | 26JUN06 |
| Groundwater Operable Unit | | | | | |
| 32505 | GW RS Plan Scoping Meeting | | 1 | 25FEB04 | 25FEB04 |
| 32510 | Prepare Draft Remedy Selection Plan | | 40 | 25FEB04 | 20APR04 |
| 32520 | Revise Draft Remedy Selection Plan | | 65 | 21APR04 | 22JUL04 |
| 32530 | Remedy Selection Plan | | 0 | | 22JUL04 |
| 32540 | Public Comment Period | | 21 | 23JUL04 | 20AUG04 |
| 32550 | Draft Decision Doc/ Response | | 44 | 23AUG04 | 22OCT04 |
| 32560 | Revise Draft DD/RS | | 65 | 25OCT04 | 25JAN05 |
| 32570 | Final Decision Doc/ Response | | 0 | | 25JAN05 |
| **SE Corner of Ranges (if no PSI)** | | | | | |
| 33105 | RS Plan Scoping Meeting | | 1 | 04SEP03 | 04SEP03 |
| 33110 | Prepare Draft Remedy Selection Plan | | 40 | 04SEP03 | 29OCT03 |
| 33120 | Revise Draft Remedy Selection Plan | | 65 | 30OCT03 | 02FEB04 |
| 33130 | Remedy Selection Plan | | 0 | | 02FEB04 |
| 33140 | Public Comment Period | | 21 | 03FEB04 | 03MAR04 |
| 33150 | Draft Decision Doc/ Response | | 44 | 04MAR04 | 04MAY04 |
| 33160 | Revise Draft DD/RS | | 65 | 05MAY04 | 05AUG04 |
| 33170 | Final Decision Doc/ Response | | 0 | | 05AUG04 |




Project Start 29FEB00
Project Finish 20NOV06
Data Date 24AUG02
Run Date 04SEP02

Early Bar
Progress Bar



UBER

Sheet 5 of 5

DRAFT

| Date | Revision | Checked | Approved |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**Figure 9. Combined Schedule for the Impact Area GW Study Program as of 8/23/02**