MONTHLY PROGRESS REPORT #61
FOR APRIL 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 April 1 to April 30, 2002. Scheduled actions are for the six-week period ending June 7, 2002. Please note that Figure 4 and Figure 6 will be updated and published semiannually and were last included in the January 2002 Monthly Progress Report.

1. SUMMARY OF ACTIONS TAKEN

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

Table 1. Drilling progress for April 2002

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-210	Demo Area 1 (D1P-9)	310	209	201-211, 156-166, 121-131
MW-211	Demo Area 1 (D1P-10)	331	188	150-160; 175-185; 200-210
MW-212	Central Impact Area (CIAP-13)	368	160	
MW-213	Central Impact Area (CIAP-26)	246	197	
MW-214	Demo Area 1 (D1P-11)	290	202	
02-04	Bourne monitoring well	153	105	83-93; 98-108; 123-133
02-05	Bourne monitoring well	133	105	110-120, 92-102, 75-85
02-07	Bourne monitoring well	151	119	
02-08	Bourne monitoring well	130	110	62-67; 82-87; 108-113
02-09	Bourne monitoring well	150	141	74-84, 59-69, 7-17
02-10	Bourne monitoring well	159	120	85-95; 110-120; 135-145
02-12	Bourne monitoring well	153	104	109-119, 94-104, 79-89
02-13	Bourne monitoring well	148	38	98-108, 83-93, 68-78
02-15	Bourne monitoring well	164	114	

bgs = below ground surface
bwt = below water table

Completed drilling and well installation of MW-210 (D1P-9), MW-211 (D1P-10), and Bourne wells 02-04, 02-05, 02-08, 02-09, 02-10, 02-12, and 02-13. Commenced installation of Bourne well 02-07. Completed drilling of MW-212 (CIAP-13), MW-213 (CIAP-26), MW-214 (D1P-11), and Bourne well 02-15. Continued well development for newly installed wells.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from wells MW-211, MW-212, MW-213, MW-214, 02-04, 02-07, 02-08, 02-10, 02-13, and 02-15. Groundwater samples were collected from the Bourne water supply wells, Bourne sentry wells, Bourne test wells, Bourne monitoring wells, Bourne Far Field wells, the artesian spring, Bourne residential wells, a Snake Pond residential well, the Sandwich Fish Hatchery potable well, and Base Water Supply Well #4. Groundwater samples were also collected as part of preliminary sampling rounds for new wells installed in the Bourne well field,

Central Impact Area, Demo Area 1, and SE Corner of the Ranges; for additional perchlorate sampling in select Central Impact Area wells; and as part of the April Long Term Groundwater Monitoring round. Finished water samples were collected from six Bourne water system distribution points. Water samples were collected from the GAC treatment system and of the FS-12 treatment system influent and effluent. Influent and effluent samples were collected for the perchlorate column test in the Central Impact Area. Surface water samples were collected from Snake Pond.

Soil samples were collected from grids at Former B, Former C, Former D, Former E, Former R, Former M-1 and M-2, E, G, H, I, J, O, P, T, KD, and SE/SW Ranges; Skeet Range 1; BA-1 Grenade Court; Succonsett Pond; Cleared Areas 1 and 7; Mock Village; and Demo Area 3 as part of the Supplemental Phase IIb soil sampling and from Targets as part of the Central Impact Area Target soil sampling. Soil samples were collected from gun firing positions GP-6, GP-7, GP-8, GP-10, and GP-15 as part of the Gun and Mortar Firing Positions Additional Characterization soil sampling. Soil samples were collected from the J-1 Range as part of the J-1/J-3/L Additional Characterization soil sampling. Soil samples were collected from soil cuttings piles at recently installed Bourne wells. Post-detonation soil samples were collected in the Central Impact Area. Performance evaluation samples were prepared and sent to the laboratories.

As part of the Munitions Survey Project, pre-detonation and post-detonation soil samples were collected from Transects 2 and 3 in HUTA2 and from the U Range. Soil samples were collected from the J-2 Range Polygons. Wipe and soil samples were collected from UXO and soil samples were collected beneath UXO in Transect 3. A wipe sample was also taken from UXO in the J-2 Range.

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

Bourne Well Update

Ben Gregson (IAGWSPO) provided an update on the status of the Bourne Response Plan.

- Recent test results show a detection of perchlorate in Bourne Supply Well 6. Whereas Bourne Supply Well 4, after having a detection 3 weeks ago, has been non-detect in the last two events.
- Proposed monitoring wells 02-1, 02-2, 02-3, 02-5 have been set. Well 02-12 is being set now; 02-9 screens should be selected today. Drilling/profiling of 02-13 and 02-8 has been completed. Next wells to be set up on for drilling/profiling will be 02-4 and 02-10. Installation and development of the wells is continuing. Of proposed and approved monitoring wells, 02-11 and 02-7 are still outstanding. The monthly sampling of area wells is continuing. M-series wells were sampled 4/2, 4/3 and today.
- John Rice (AMEC) indicated that the rock at 135 ft in Base Water Supply Well WS-4 had been removed, but another rock was lodged in the well slightly below the first. The drilling subcontractor is still working on removing this rock, and will continue to attempt to remove the rocks (if any more).
- A site walk was conducted with the Bourne Conservation Commission last week to review 02-6, 02-14, and 02-15 locations on Conscom property. Permission to drill these locations is being brought up in front of the commission today. Conscom expects to provide the Guard a letter tomorrow with the decision. A meeting is to be held 4/10 with the homeowner's association, regarding right-of-entry to access the location for 02-15.

- All parties agreed, that drilling location 02-11 would be reevaluated pending the results from 02-4 and 02-10. 02-7 is ready for drilling. 02-14 and 02-15 should be a priority. Because of detection of perchlorate in supply well 6, drilling of 02-6 may no longer be a priority. Drilling of this well, if completed, will be attempted with a direct push rig.
- A preliminary water table map of the Bourne well field area was distributed. Additional wells still need to be surveyed and incorporated into the map. Another synoptic water level measurement round is pending. Particle backtracks from Bourne wells with detections extend back between far field wells MW-80 and MW-81 on base and terminate as far back as MW-7. New particle tracks will be presented in the Perchlorate Sampling Plan to be submitted today.
- Leo Yuskus (Haley and Ward) indicated that the Bourne Water District has considered the need for additional monitoring wells between MW-80 and MW-81 on base and a line of wells (oriented north/south) up from M-7. For meeting long-term water supply needs, the district is currently considering hooking up to the Sandwich water district and is looking at using Base Supply Well WS-4. However, monitoring wells are needed upgradient of WS-4 to make this a viable option. The Bourne Water District has called an 8am Board meeting on 4/9 (Tuesday), inviting Robert Gill (Guard) and the Army Corps, to discuss water supply issues, including how to get a pipeline down from the cooperative by June and how to get WS-4 up and pumping.

Punchlist Items

#2 Provide summary of RAD results for MW-181 (AMEC). Summary write-up and validated data to be provided by 4/5.

#3 Provide list of ASP stored items containing Perchlorate (Corps). Letter was sent to EPA with information and the request that it was not for public distribution for security reasons per LTC Cunhan's direction. The letter was refused by EPA. Item to be removed from punchlist. EPA to contact LTC Cunhan directly.

#4 Provide data from Snake Pond Drive Point sampling effort (AMEC). Data emailed 4/3. Heather Sullivan (ACE) indicated that no explosives were detected in the 14 samples. There was one detection of Perchlorate at location 9 at 4 feet below the pond bottom. Location 9 had been collocated with location 5, which is where the previous detection of perchlorate was found at 2 feet below the pond bottom. Dave Williams (MDPH) and EPA agreed that sampling of surface water north of the spit in the area of Locations 9 and 5 be added to the seasonal biweekly sampling of Snake Pond beaches. Guard agreed to include this location in the next biweekly sampling event in April.

#5 Provide status of validated data for SE Corner of the Ranges (AMEC). Provided at Tech meeting during agenda discussion.

#6 Provide list of HUTA2 items that were transported to the CDC (Corps). List provided earlier in week.

#7 Provide Profile/Screen depths of MW-102, -103, -123, -124 (AMEC). List provided at meeting.

#8 Provide Bourne Water Table Map (AMEC). Map distributed at meeting.

#9 Provide Update on rock removal at WS-4 (AMEC). Update provided in conjunction with Bourne Update.

#10 Provide information on pile of OE scrap at RRA containment pad (Corps). Gina Tyo (ACE) indicated that Scott Veenstra (AMEC) had confirmed that the OE scrap (3 or 4 items) were not from development of the pad or the soil washing effort. Frank Fedele (ACE) had also indicated to Desiree Moyer (EPA) that the scrap would be removed by the end of today. List of items removed to be provided at next Tech meeting.

Munitions Survey Project Update

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

HUTA2. Work at HUTA2 will be completed by 4/5. BIPs were conducted at Transects 2 & 3 today. Karen Wilson (IAGWSPO) to conduct a site visit relative to restoration for Transects 2,3,4 on 4/9.

J Range Polygons. Two crews will start polygon excavations on 4/8. One crew will start on J-2 Range Polygon 2. A second crew will begin with the J-2 Polygons 22-25 that require notification in accordance with the established Sandwich notification protocol.

Eastern MSP. Geophysics survey is scheduled to be conducted on 4/5. The area of the drum remnants will be included in the investigation. Some information will be available next week. Anomaly picks for excavation to be reviewed at 4/25 Tech meeting.

U Range. Surveyors will be working on 4/8-9. A 155MM projectile with a variable time fuze was found in the access road during UXO clearance. EPA requested more information on this 155MM round, including orientation. Also EPA would like to know the location of the sampling grids (that were selected to be in the area where detonation cord was found at the site) relative to the round's location.

BIP Items- Three items to be BIPed today at HUTA2 Transect 2 and 3 include:

1 105MM Projectile, HE, with Unknown MT Fuze.
1 37MM Projectile, TP, M63 MOD-1.
1 Fuze, PD, BD, M58 Series.

MCP/MADEP Coordination

Bill Gallagher (IAGWSPO) led the discussion of coordination of deliverables with MCP requirements. An additional meeting to be scheduled to discuss larger issues.

- The Guard will be submitting a Final MCP Phase II Scope of Work (SOW) with transmittal forms for Demo 1. The Demo 1 Post-Screening Investigation Workplan and Demo 1 EcoRisk Workplan will together be considered a Phase II SOW. These documents to be sent out this week.
- The Central Impact Area Perchlorate Sampling Plan, when finalized, will be submitted with transmittal forms and be considered a partial Phase II SOW.
- The Guard would like to have a kick-off meeting for the Central Impact Area EcoRisk work to discuss the general approach. The SOW should be similar to the Demo 1 SOW, however, there will be additional issues. Following the kick-off meeting, a scoping meeting (at the end of April) will be held prior to submission of the draft Workplan. Len Pinaud (MADEP) indicated that they needed 2 weeks notice of the meeting so that the proper DEP personnel can be scheduled to attend.
- The Guard is waiting on approval from MADEP regarding the approach to selecting/consolidating starting dates for groups of related sites (releases) to be entered into the MCP process. Based on MADEP input, the Guard will then integrate the MCP deliverable requirements into the existing schedule. Len Pinaud (MADEP) indicated that they were hoping to get a letter out next week on applicable issues.
- Next MCP update to be scheduled in one month (5/2).

Central Impact Area Proposed Wells

Heather Sullivan (ACE) distributed a map showing wells installed to date, and contour lines of the RDX detections above detection and above the health advisory of 2 ppb. Dashed lines indicated results based on profile samples. A table showing profiling and other results for wells around CIAP-25 was distributed as part of the PunchList discussion.

- **CIAP-26**: The Guard proposed a location for this well along the rail spur for the gravity range. Bill Gallagher (IAGWSPO) indicated that the location didn't look like it would be an issue for natural resources. All parties agreed on the location pending ROA approval, with Todd Borci requesting that the well be placed as far east of the cleared area of the spur as possible.
- **CIAP-25**: Profile depth and screen depth of MW-103/102/123/124 were reviewed relative to the depth of the MW-209 detection. All parties agreed that no additional monitoring wells were needed in this area, because the contaminant distribution appeared to be adequately delineated by the existing well network. Proposed well CIAP-25 was determined to be no longer needed at its original location.
- **Other Proposed Locations**. John Rice (AMEC) indicated that CIAP-13, CIAP-23, and CIAP-11 are ready to be drilled. However, CIAP-11 is on hold until UXO clearance is completed at CIAP-12. CIAP-14 is on hold pending results from MW-203. Mike Jasinski (EPA) requested that a summary sheet of surrounding well results for be prepared for CIAP-14 discussion as they had been for CIAP-25.
- Mr. Rice also indicated that the drilling contractor may be able to mobilize another drill rig next week. If so, the rig could start on CIAP-13 and then potentially move on to CIAP-11. CIAP-23 was less of a priority.

Long Term Ground Water Monitoring Plan Highlights

Russ Johnson (AMEC) responded to questions on the Long Term Groundwater Monitoring (LTGM) Plan that was submitted on 3/29. The sampling table for Demo 1 Area wells was distributed.

- Color-coded tables in the Appendix of the LTGM Plan outline all requirements of the long term monitoring. The 2002 LTGM table consists of the 2001 table with all new wells and analytes added in bold. Most of the color highlighting is added to columns to show the analytes from the 2001 plan that will be discontinued for various reasons. The magenta highlighting shows wells included for the comprehensive annual event.
- Mike Jasinski (EPA) pointed out that the arsenic in groundwater standard will be changed from 50 ppb to 10 ppb and this may impact the decision on whether metals analysis will be retained for some wells. Mr. Johnson to rescreen for arsenic based on the 10 ppb criteria.
- Mr. Jasinski also inquired about CS-19 wells 58MW0001, -6E, -7E, -10B, -15A and –15B; why these wells had not been selected for perchlorate analysis. Mr. Johnson to check.
- Todd Borci indicated that the results showing the RDX breakdown products from the 8330NX analysis was not included in the Appendix. In addition, VOC results for MW-18 were not included in Appendix A-1.
- Mr. Borci questioned why wells with RDX detections were proposed only to be analyzed using the 8330NX method for the annual event and for the other two events the 8330N method was proposed. Mr. Johnson stated the one-event analysis using 8330NX was discussed in the text. Mr. Johnson to identify appropriate text for EPA's review.
- Mr. Borci indicated that before approving even the Demo 1 well LTGM he would need to review the RDX breakdown product results.

SE Ranges Data/Maps

Herb Colby (AMEC) led discussion related to the status of SE Ranges groundwater data and plume revision activities. Tables of all new well results and plume maps contoured using 10/2001 data were distributed.

- All new monitoring wells have been sampled at least once with the exception of a couple of analyses. However, all wells have been sampled and analyzed for explosives and perchlorate.

- Validation is pending for the new wells and some older wells that were sampled at the end of last year. Validated results from the older wells are expected in 2 weeks.
- Plume maps have been updated with newly installed wells and newly approved proposed wells.
- In regard to proposed wells, all wells north of Snake pond will be profiled for perchlorate as well as explosives. Direct push technology will be used for Snake Pond area wells. Right of entry is being double-checked for J3P-26 with Sandwich Conscom. A site visit is scheduled for 4/5 with Mark Galkowski (Sandwich Conscom) to obtain drilling approval.
- All parties agreed that new plume maps with updated data would be drafted for review at the 4/25 Tech meeting.
- EPA had the following expectations regarding how the RDX plume map would be revised:
    - For plume at the center of the J-1 Range originating at the interberm area, the greater than 2 ppb contour would be expanded. The greater than non detect contour would stay approximately the same.
    - The overall plume width originating from the J-3 Range would be increased.
    - The greater than 2 ppb contour originating at the J-3 Range detonation pit would be extended down to the melt pour building.
- Regarding the proposed locations for J2P-12, J2P-13, and J2P-14 which were located on the historical cleared boundary of woods near Disposal Area 2 on the J-2 Range, Todd Borci is concerned that the wells are too close to source areas and the particle track from MW-130 is incorrect. Mr. Borci proposed the following alternative locations:
    - Shift J2P-13 directly west to Barlow Road.
    - Shift J2P-12 directly west to inside the current tree line.
    - Shift J2P-14 due south to intersect the current tree line.
- Herb Colby to check on particle track from MW-130

Schedule and Documents

Marc Grant (AMEC) reviewed the document and schedule status. Important outstanding items were addressed as follows:

Documents Having Comments

Gun&Mortar Draft Final Report (TM01-14) – Revision to be submitted 6/03 in accordance with schedule from the approved Gun&Mortar Additional Characterization Workplan.

MSP Phase I Report – EPA to review additional information from the Corps, then MOR can be finalized. No additional comments expected from EPA.

CDC Test Results Report – Corps to resend RCL to Todd Borci. Corps to check to see if Bluegrass Unit test results and protocols already provided.

WorkPlan for AirMag Completion Investigation – Corps provided EPA updated tables and figures. EPA reviewing tables and figures, may provide additional comment next week. DEP comments were received and a RCL was sent by the Guard.

MSP3 U Range and Central Impact Area Sites Workplans – MOR approval may come next week via email.

RRA R2 Completion of Work Report – Heather Sullivan and Mike Jasinski to discuss resolution of comments, afternoon of 4/8.

Supplemental Phase IIb Workplan. – MADEP comments are coming. MOR approval from EPA may be emailed today.

Documents Needing Comments

Draft Revised ASR – Comments from EPA forthcoming. EPA feels this document will continue to be revised as more information is obtained.

Lab Fate & Transport Study – EPA comments to be provided by 4/12.

UXO Interim Screening Report – EPA Comments may be provided by 4/12.

Documents to be Submitted
Central Impact Area Perchlorate Sampling Plan – draft plan to be submitted today.
BA-1 Workplan – draft plan to be submitted 4/8

Miscellaneous
- Ben Gregson (IAGWSPO) reported that according to Hap Gonser (JPO) the results for the WS-1, WS-2, and WS-3 chemical monitoring wells were non detect for perchlorate and that Ceimic laboratory was used for the analysis. EPA requested paper copies of all analytical results for these wells.
- Guard to ask JPO to provide coordinates of chemical monitoring wells for IART maps.
- EPA requested that 50MW0020B be located on Central Impact area maps. Furthermore, the EPA would like the Guard to acquire AFCEE data from CS-19 wells for use on monthly maps. EPA further requested that relative to CS-19, a list be compiled showing which AFCEE wells are sampled under the IAGWSP and which ones are not.
- Central Impact Area – Southeast Corner of the Ranges Field Schedule discussion moved to next week. Todd Borci specifically requested information on changes based on recent developments. Mr. Borci to fax notes on schedule to Rob Foti (ACE).

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

Punchlist Items
#2 Provide summary of RAD results for MW-181 (AMEC). Summary write-up and validated data to be provided shortly.
#10 Provide information on OE scrap at former RRA Containment Pad (Corps). Emailed information 4/5.
#11 Provide information on U-Range 155mm Projectile (Corps). Pete Redman (Tetra tech) provided details regarding projectile to Todd Borci (EPA) and Corps verbally earlier in week.
#12 Provide map coordinates and results for Base Water Supply chemical monitoring wells). Map with coordinates provided at Tech meeting. Results not yet available.

ASR Update
Carla Buriks (Tetra tech) provided an update on the ASR.
- Latest interviews were distributed at the meeting to the agencies. Electronic copies emailed earlier in the week.
- Tetra tech is waiting on agency comments on the Draft Revised ASR.
- Tetra tech is also waiting on comments from previous interview summaries prior to IART distribution. Tetra tech to include new interview summaries for review at the same time. EPA to provide comment.
- All parties agreed that ASR Update would be conducted on the 1st Thursday of each month as part of the Tech meeting agenda.
- Gina Tyo (ACE) indicated that information on continuing steps (including interviewee list) will be provided to the agencies shortly.

Snake Pond Residential Well
Tina Dolen (IAGWSPO) led the discussion of actions pursuant to the detection of perchlorate in a Sandwich area residential well.
- All notifications have been made in accordance with protocols.

- Property owner has been contacted. Property owner is only one in area not hooked up to public water. Based on the Guard's offer, the property owner has requested 4 weeks of bottled water service, while they research information on perchlorate.
- The Guard has also offered to facilitate a meeting among the Guard, their technical personnel, and the MADEP for the property owner. The property owner has chosen to research information on perchlorate themselves prior to convening such a meeting and prior to making a final decision on whether they will request to be hooked up to public water.
- As a follow-up to this detection, the Guard has requested that AMEC look at the residential well depth and screen depth, and model particle tracks to determine the potential origin of the perchlorate. The well is also being resampled today.
- Todd Borci (EPA) also recommended that 90WT0008 be sampled for perchlorate and that the Guard identify other properties that might be hooked up to public water, but still have active private wells.
- Mr. Borci requested that the Ceimic laboratory run a 0.5 ppb standard for perchlorate so that results between 0.5 and 1 ppb wouldn't require qualification as estimated (as notated with a J). EPA chemists have reviewed the Ceimic laboratory package and found no problems with the data or reporting.
- Mr. Borci indicated that he had "no problems" with the Method Detection Limit Study for perchlorate completed by the laboratory, including both water and soil.
- Bill Gallagher (Guard) reported that, also in the Sandwich area, chlorinated hydrocarbons (1,1,1-trichloroethane and 1,1-dichloroethane) were detected at trace levels (below 1 ppb) in a potable well at the Fish Hatchery. The concentrations are well below the MCL for 1,1,1-TCA of 200 ppb and the RCS-1 for 1,1-DCA of 70 ppb (no MCL or HA level available). In the Guard's opinion, these detections are likely unrelated to the base, as these constituents have not been traditional base contaminants. In addition, other potential sources such as commercial businesses and the Sandwich Landfill are also in the vicinity of the capture zone of the wells.
- Ms. Dolen indicated that the Guard has already followed up with Ken Simmons (Fish and Wildlife) and Dave Mason (Sandwich Board of Health) regarding these detections. MADEP to follow up on these and other potential sources of these chlorinated hydrocarbons.

Bourne Well Update

Bill Gallagher (IAGWSPO) and John Rice (AMEC) provided an update on the Bourne investigation.

- John Rice stated that one rig is drilling at the 02-10 location. Another rig left the site for repairs. Well development continues. After completion of 02-10, no approved sites remain in the Bourne area. Six rocks have been removed from WS-4. At least 2 more are still in the well. The drilling subcontractor is still working on their removal. The monthly round of sampling for Bourne is almost completed. Production wells are sampled weekly on Wednesdays. The most recent results were non-detect for explosives and perchlorate for all wells.
- Bill Gallagher indicated that Matt Bolinger (Bourne Conscom) provided the Guard with emergency certification forms approving well location 02-15; approving location 02-14 conditional on its being drilled with a direct push rig; and disapproving location 02-6, near the pond). Conscom is willing to discuss their decision with the Guard; their primary concerns are related to disturbance of the land and restoration.
- Mr. Rice indicated that it was unlikely that the 02-14 location could be installed readily by direct push.

- Mr. Gallagher further indicated that the Guard addressed four members of the Spinnaker Lane Home Owner's Association last night in a meeting relative to obtaining access to the 02-15 drilling site through a collectively owned empty lot. Their biggest concerns were relative to site restoration. No decision was made at the meeting. Tina Dolen (IAGWSPO) to follow up with the HOA by Monday (4/15) hopefully to resolve issues.
- Reviewing the possible next drilling locations in Bourne, Bill Gallagher indicated that the Guard was considering 2 monitoring wells upgradient of WS-4. But they would prefer to have data on WS-4 first. Location 02-11 is still on hold pending results from 02-4.
- Mike Jasinski (EPA) suggested that the Guard consider scoping a well between MW-80 and MW-81. The Guard agreed to start the ROA process for a well in this area.
- Todd Borci suggested that as part of the source evaluation, the well to be located at the former RRA Containment Pad could be considered a Bourne response well.
- All parties agreed that if there was a delay in approving additional Bourne locations, the drill rigs could be utilized for drilling Central Impact Area locations.
- Mr. Borci requested that cross sections be completed for the Bourne area; the Guard concurred that this should be done with the existing information.
- Mr. Borci also requested that AMEC provide information on groundwater data with chromatographs where a peak is shown at the retention time window for perchlorate but where the quantified result is below the method detection limit, making the detection unreliable. Guard to discuss with AMEC.

Central Impact Area and SE Ranges Well Schedules

- John Rice (AMEC) reported that no drilling is currently being conducted in the Central Impact Area. A fourth drill rig is expected next week to begin drilling of CIAP-13. Installation of CIAP-23 will follow CIAP-13. UXO clearance is still being conducted at CIAP-12. Following installation of CIAP-13, clearance of CIAP-12 should be completed, so that the CIAP-11 location can be drilled. A drill rig has been mobilized to the D1P-10 site and profiling of that boring began, Wednesday 4/10. A Direct Push rig is being mobilized by the end of April for drilling in the vicinity of Snake Pond.
- Karen Wilson to go to look at "new" CIAP-25 location (former CIAP-26 location) next week relative to natural resources issues.
- Todd Borci to fax comments on combined investigation schedule. Rob Foti (ACE) to revise schedule based on new investigation priorities.
- Mr. Foti reported that the J Range "Sandwich notification" polygons are going well, and are likely ahead of schedule. Only scrap and concrete have been encountered in the excavations, to date.

Scrap Contractor Yard Operations

John MacPherson (ACE) reviewed operations at the Scrap Yard.

- The Corps has changed some of the procedures for target gathering, sampling, and scrapping. The contractor has been finding more soil in the targets than expected. This soil accumulated on the scrap pad, but has now been collected, contained and sampled. Sample results are due by 4/26. The Corps stopped work, while a new procedure was worked out. This new procedure will include having a Vacuum truck to high pressure wash the targets to remove soil prior to the mobilization to the scrap yard. Two permanent bermed areas were constructed on the pad; one area for delubing targets and one area for cutting targets. Storm water will be managed in both these bermed areas.
- All staged material has now been properly labeled.
- Housekeeping issues have been addressed. Mr. MacPherson to check on disposition of two aerosol cans at Desiree Moyer's (EPA) request.

- The Corps is further investigating storm water permit issues. Mr. MacPherson to check if anyone has talked to Thelma Murphy (EPA).
- Corps comments on procedures are being provided to the scrap contractor by 4/15, these will also be forwarded to EPA. Target removal is expected to restart in 2 to 3 weeks.
- Ms. Moyer requested that a written status of the hazardous waste and storm water violations relative to the scrap yard be provided by Monday afternoon's each week.
- Corps to provide Jan 11, 2002 Scrap Workplan to Ms. Moyer.

The Guard, EPA, and MADEP had a meeting on April 17 to discuss technical issues, including the following:

Cultural Resources

Dr. Susan Goodfellow (MAARNG) presented an overview of Cultural Resources Management program at MMR. Dr. Goodfellow was recently hired to serve as the National Guard Cultural Resources Manager for all Guard facilities in MA, CT, and RI; she will be based at Camp Edwards.

- Dr. Goodfellow described Cultural Resources Management (CRM) as the practice of identifying, evaluating, documenting, and/or preserving significant cultural resources and making recommendations for their future treatment in compliance with federal, state, and local regulations. Cultural resources include those parts of the physical environment – natural and man-made – that have cultural value of some kind to some sociocultural group; cultural resources also include social institutions, beliefs, practices, and perceptions of what makes the human environment culturally comfortable.
- As part of her role as CRM, Dr. Goodfellow is also the Native American Coordinator for the Guard.
- The most important application of CRM for the IAGWSP is that cultural resources (by regulation) need to be taken into account as part of the investigation process (even installing wells). MMR has been historically divided into cultural resource areas of varying sensitivity. Dr. Goodfellow is currently seeking a blanket permit for the activities to be conducted in low sensitivity areas. However, permits for investigation activities in moderate to high sensitivity areas will require a site-specific survey with written report of findings. The State Historic Preservation Office and Tribal Council Office then have a minimum of 30 days to review the report as part of the permit process. This process needs to be accounted for in planning of the investigation.
- Dr. Goodfellow distributed copies of the SOP No. 6 for Inadvertent Discovery of archeological resources and SOP No. 9 for Cultural Resource Management at Camp Edwards. The Cultural Resource Management Plan for the Camp Edwards will be out for public review between May 1 and May 15, 2002.

Punchlist Items

#2 Provide summary of RAD results for MW-181 (AMEC). Summary write-up and validated data to be provided as soon as possible, so can be distributed at IART meeting. Update to be provided to Mike Jasinski (EPA) by 4/22.

#6 Provide all test results from chemical monitoring wells for WS-1, -2, -3 (JPO). LTC FitzPatrick (MAARNG) to follow up. MADEP Water Supply may also have results, Len Pinaud (MADEP) to check.

#7 Provide location planning for Bourne Investigation wells (Corps). Agenda item.

#8 Provide status of right of entry from Spinnaker residents (Corps). Right-of-entry agreement signed. Snow fence must be placed around drilling site. Hours of operation are restricted to 9:30am – 3pm.

Munitions Survey Project Update

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

HUTA2. Karen Wilson (IAGWSPO) conducted a site visit relative to restoration for Transects 2,3,4.

J Range Polygons. Two crews working on J-2 Range Polygons. One crew is working on Polygon 2 at the north end of the range. Polygon 2 consists of 24 individual anomalies. Three of these anomalies have been investigated to date. Anomaly A is a burial area that was completed yesterday (4/17). Anomaly B is a minor burn bit (no ordnance discovered), 10 ft by 14 ft and average 3 ft deep (5.5 ft deep in the center). Anomaly E is a burn pit that will be revisited.

A second crew is working on Polygons 26-31, which follow the Sandwich notification protocol. Polygon 30 was completed today; now working on Polygon 26. Polygons 17-25 have also been completed. These polygons contained a variety of scrap items including, steel, concrete, steel plates, minor OE scrap, and railroad ties. Work on Polygon 33, a burial area, was stopped, but will be revisited pending conformance with notification procedures.

- Mike Jasinski (EPA) requested that the monitor well locations be placed on the map that shows the contoured anomalies at Polygon 2.
- Mr. Jasinski requested that Polygon 2 be made a priority; that both excavation crews be dedicated to this area if possible. Rob Foti (ACE) to check with Nick Iaiennaro (ACE).

Other Areas – U Range clearing and grubbing has been completed. All resources have been shifted over to begin clearing and grubbing at Demo 1, today.

Central Impact Area Update

John Rice (AMEC) provided an update on the Central Impact Area activities.

- CIAP-13 was started this week. Demo 1 well, D1P-10, profiling has been completed; drilling is being continued past 200 feet to bedrock.
- A comparison table of results for wells around CIAP-14 was distributed for discussion next week regarding the CIAP-14 drilling location.
- UXO clearance at CIAP-24 and CIAP-12 has been suspended while the column test is being conducted. One UXO clearance sweep has been completed for CIAP-23, but in order to level the site, more soil needs to be removed, and clearance completed again.
- Jay Clausen (AMEC) indicated that the perchlorate column test is proceeding on schedule. The yield of 5 gpm is being split between two columns. Samples are being collected for laboratory analysis every 8 hours and for analysis using the colorimetric method (field laboratory analysis) every 2 hours. 12 samples have been collected so far. The colorimetric method indicated that the influent concentration is approximately 2 ppb of perchlorate. Interferences from the GAC are effecting the sample analysis of the effluent, however this should be solved shortly. The test will end Friday at 11am. Colorimetric results will be available for the 4/25 Tech meeting. Laboratory results for perchlorate and explosives are on a 5-day TAT.

Snake Pond Update

Heather Sullivan (ACE) provided an update on the Snake Pond activities.

- The perchlorate detection at a Snake Pond area residential well was validated non-detect. The detection appears to be a laboratory error that will be explained in a Corrective Action Report being prepared by AMEC.
- The resident has not been notified of this new development, but will be receiving bottled water for 4 weeks regardless. Resident to be notified after Corrective Action Report is reviewed by agencies and finalized.

- Dave Williams (DPH) indicated that this was good news. And is looking for a recommendation from the Guard, MADEP and EPA for a sampling schedule for this well.
- Dave Hill (IAGWSPO) to check on status of USGS Snake Pond Report.
- Mike Jasinski (EPA) requested results and status of biweekly surface water sampling. To be emailed next week.

Bourne Well Update

Ben Gregson (IAGWSPO) led the discussion on the Bourne Water Update. This update to provided at 11am Thursday weekly, indefinitely.

- MW-213, being drilled between wells MW-80 and MW-81, commenced Tuesday 4/16. AMEC is waiting on perchlorate results from 02-10.
- Well development and sampling is proceeding more quickly. Results have been received for 02-01 and 02-03 has been sampled.
- Results for WS-4 were non detect for explosives and perchlorate.
- Ralph Marks (Bourne Water District) requested that the Guard sample three to six locations in the water distribution system. The locations would be the same as coliform sampling sites. The Guard agreed to collect samples at six sites, to be specified by the Bourne Water District.
- Leo Yukus (Haley and Ward) requested that a water sample be collected from Bourne Supply Well #6 prior to turning the pump on. They would like to evaluate if the lower concentration or non detect of perchlorate in #6 relative to the higher detection in sentry well 97-2C is a function of a dilution effect caused by turning the pump on. The sample could be collected through a 2.5-inch access port to the well. Mr. Yukus to check access to make sure the pump to be used by AMEC for sampling will not get tangled up in the production well.
- At the same time that this water is collected, Haley and Ward would like to collect three 55-gallon drums of Supply Well #6 water to send to Fred Cannon of Penn State University. Dr. Cannon has agreed to do a pilot test for perchlorate treatment of the Bourne water at no cost. Based on the results of the pilot test, the Bourne Water District will consider implementation of a full-scale treatment system at #6 for the future. All parties agreed to do the sampling at the next weekly sampling event, Wednesday 4/24.
- Right-of-entry was received from Spinnaker Lane residents for access to the 02-15 drilling location. Mobilization to this location will take place next week.
- Haley and Ward intend to conduct a pump test at the Base Water Supply Well #4 next week. They are proposing to DEP Water Supply to conduct the test 24 hours a day for five days and then 12 hours a day for the next nine days, at a rate of 300-400 gallons/day. Samples for explosives, perchlorate and standard analyses would be collected after the first five days and then again after the next nine days. Mr. Yuskus to discuss water discharge permitting issues relative to the ROA process with Mike Minior.
- Heather Sullivan (ACE) distributed north-south and east-west cross sections of the area of the Monument Beach well field. All parties to review the cross sections in the coming week. AMEC to add wells 92-7, 92-5 and Bourne Water Supply Well #1 to the cross sections. Mr. Yuskus to provide screen information on Water Supply well #1. AMEC also to provide prior cross section drawn between Bourne Far Field wells.

- In conjunction with evaluation of Base Water Supply Well #4 (WS-4) as a water source for the Bourne Water District, Mr. Yuskus proposed two chemical monitoring well locations within 4 – 5 years travel time from WS-4 and within the contributing area. The northern location of the two proposed locations is directly off of Frank Perkins Road. The more southerly location of the two was some distance from the road within Training Area A-6. Ben Gregson (IAGWSPO) explained to Mr. Yuskus that because of the permitting process for wells, the more southerly location might be problematic because road building would be need. Mr. Yuskus indicated that Jeff Rose (MADEP Water Supply) would like both wells within 5 years travel time of the supply well, but would prefer the 2nd well to be more to the south, within the contributing area to WS-4, but between WS-4 and the Bourne Far Field wells. John Rice (AMEC) to review both locations in the field and determine amount of cleared area and possible presence of a tank access road in the vicinity of the 2nd location. The Bourne Water District was open to suggestions for alternative locations by the IAGWSP team. Mr. Gregson suggested a deeper well near MW-174, which, because of the existing well pad, would not have any well sighting issues.
- Mr. Yuskus also requested sampling of wells upgradient of WS-4 for perchlorate. Heather Sullivan (ACE) indicated that a Central Impact Area Perchlorate Sampling Plan would be finalized for distribution next week, and should address this area.

The EPA convened a meeting of the Impact Area Review Team on April 23, 2002. The issues discussed included: an update on Bourne Water Supply, Status of Water Quality in the Northeast Corner of Camp Edwards, and a general Investigations Update of the Groundwater Study Program. An open house on the Bourne Water Supply was held prior to the meeting.

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

Punchlist Items

#2 Provide summary of RAD results for MW-181 (AMEC). Summary write-up and validated data scheduled to be provided by 4/26/02.

#3 Provide all test results from chemical monitoring wells for WS-1, -2, -3 (JPO). LTC FitzPatrick (MAARNG) indicated that he would continue to make every effort to obtain the results from the most recent sampling event. Todd Borci (EPA) expressed concern that the results are not available.

#6 Provide corrective action report for rejected perchlorate result at Old Snake Pond private well. (AMEC). Corrective action report provided on Friday, 4/19/02.

#7 Provide J2 Range Polygon 2 site plan including downgradient monitoring well locations (Corps). The Corps indicated that the plan would be provided on 4/25/02 via e-mail.

#8 Provide submittal date of USGS Letter Report on Snake Pond Diffuser/Drive Point Results (IAGWSPO). Dave Hill (IAGWSPO) indicated that the USGS Letter Report would be submitted at the end of May 2002. Mr. Borci inquired whether the report would include the drive point results. Mr. Hill indicated that the drive point results would not be included, but that results from USGS investigations would be included in the upcoming J Range Report. Mr. Borci agreed with the proposed approach.

Munitions Survey Project and Southeast Ranges Update

Peter Redmond (Tetra Tech) provided an update on the ongoing tasks.

- All J2 Range Sandwich Protocol polygons have been completed except Polygon 32, which contains burned material.

- J2 Range Polygon 2 work is ongoing on anomalies A-X. Most of these anomalies contain burned material, burials or both; therefore the work is proceeding in cautious and slow manner.
- Asbestos is suspected to be present in polygon 2F. Mr. Borci expressed concern regarding worker health and safety based on the unknown nature of potential contamination associated with the burned material present and requested that the Corps and Tetra Tech evaluate the current approach and provide and update at the 5/2/02 technical meeting.

Munitions Survey Project Eastern Ranges Site Picks from Anomalies.

Gina Tyo (Corps) indicated that all the data has not been processed, therefore the results will be provided prior to next week's technical meeting. This topic will be an agenda item for the 5/2/02 technical meeting.

Central Impact Area Update

John Rice (AMEC) provided an update on the Central Impact Area activities.

- Drilling was completed at CIAP-13.
- Drill pad for CIAP-23 was completed.
- Record of Action is being prepared for CIAP-25.
- UXO clearance is ongoing at CIAP-12 and CIAP-24.

Heather Sullivan (Corps) suggested that installation of CIAP-14 is not currently needed based on non-detects in MW-203 (all screens) and continued non-detects in MW-41. Mr. Borci agreed to hold off on proceeding with CIAP-14 at this time.

J Ranges Groundwater Detection Maps Revisions

Herb Colby (AMEC) distributed several figures depicting contaminant distribution in groundwater in plan view and cross-section. Comments on these figures will be discussed at the 5/2/02 technical meeting and will ultimately be included in the J1/3/L Ranges Additional Delineation Report scheduled to be submitted on 5/23/02. Mr. Colby indicated that the elevations for MW-187 through MW-198 will change slightly once survey data is available and additional perchlorate cross-sections will be provided in the future. Mr. Colby indicated that the extent of perchlorate has expanded at the J3 Range due to the elevated detection in MW-198.

Archive Search Report (ASR)

Mr. Borci inquired about the status of the ASR interviews and the next steps.

- Ms. Tyo indicated that Tetra Tech is working on prioritizing the list of approximately 50 additional interview candidates. The approach for the next set of interviews will be discussed with the agencies prior to moving forward. Ms. Tyo indicated that 6 additional people have been identified that have information relative to the Gun and Mortar positions and the interviews will move forward.
- The Guard is awaiting EPA comments prior to finalization of the ASR. Mr. Borci indicated that the ASR contained information pertaining to Navy training conducted in the 1940-50 timeframe that may be relevant to the investigations of potential sources of perchlorate. Mr. Borci will provide pertinent information to Ms. Tyo for review.

Perchlorate Sampling Plan

Mr. Borci requested the Guard to provide a plan for sampling of soil and groundwater for perchlorate.

- Ms. Sullivan stated that a site–wide evaluation of soil and groundwater would likely be conducted for Camp Edwards and a sampling plan developed for perchlorate to supplement

existing plans. Mr. Borci requested that the Guard/Corps present a perchlorate sampling approach for soil and groundwater at the 5/2/02 technical meeting.

- Mr. Borci asked the status of perchlorate sampling of the Range Control well and installation of the RRA response well. Mr. Rice indicated that the Range Control well had recently been or would soon be sampled for perchlorate and the RRA response well was a priority and would likely be installed within the next few weeks.

Document Status and Schedule

Marc Grant (AMEC) reviewed the document and schedule status. Outstanding items were addressed as follows:

Documents Having Comments

MSP Phase I Report – New MOR to be provided by Tetra Tech in about 1 month.

MSP Phase 2 Letter Reports (Demo 1, ASP, Former K, Slit Trench, and Former A) – Mr. Borci (EPA) indicated that MOR review would be completed by mid May and requested that if required sooner for any site to let him know.

CDC Test Results Report – Mr. Borci to check status of comments.

Central Impact Area Soil Report (Revised TM 01-13) – Desiree Moyer (EPA) indicated that MOR approval would be provided on 4/25/02.

Work Plan for AirMag Completion Investigation – Tetra Tech indicated that the MOR would be submitted on 4/25/02.

TM 02-1 Former A, K, Demo 2 Report – EPA indicated that a conditional approval of the MOR would be provided next week.

HUTA Report – CRM scheduled for 5/2/02.

Documents Needing Comments

Draft Revised ASR – EPA views the ASR as a "working document" and plans to provide comments soon.

Lab Fate & Transport Study – EPA comments to be provided by 5/3/02. DEP comment received.

MSP 3 Deep Bottom Pond Work Plan – EPA Comments may be provided by 5/3/02.

- Mr. Grant indicated that an extension request would be submitted for the Central Impact Area Groundwater Feasibility Study due to on ongoing characterization efforts.
- Len Pinaud (MADEP) indicated that they submitted comments on the CIA Soil Sampling Plan for perchlorate and TM 01-7 UXO Technology Screening Report last week.

Error Bars on Analytical Results

Ben Gregson (IAGWSPO) indicated that a citizen had questioned the need for error bars on analytical results at the 4/23/02 IART meeting and had follow-up discussion with Tina Dolen (IAGWSPO). Mr. Gregson suggested convening a technical group to evaluate these questions. Mr. Borci requested that the Guard provide an e-mail identifying the specific questions prior to determining the need for and representatives on such a group. Mr. Borci also indicated that EPA is planning to conduct an audit of the laboratory performing the perchlorate analyses (Ceimic).

Mapping for Water Districts

Mr. Gregson indicated that the Guard plans to develop maps for the water districts. The maps would follow the monthly map format and would only show wells in the ZOC or some reasonable distance from the ZOC. Text summarizing the results and tables containing all data would be provided in conjunction with the maps. Mr. Gregson to check into getting on the agenda for the Co-op to discuss this topic with the water districts to determine need and content.

Bourne Well Update

Mr. Gregson led the discussion on the Bourne Water Update. This update to provided at 11am Thursday weekly, indefinitely.

Mr. Rice provided the following update of the investigation status.

- 02-15 on Spinnaker Lane is currently being drilled.
- MW-213 (between MW-80 and MW-81) profile results should be available soon and a screen selection call will be conducted.
- Installation of wells at 02-10 is ongoing.
- Completed sampling of 02-1, 2, 3 and 5. MW 02-1 results were ND for explosives and perchlorate. Results for other wells will be available soon.
- 02-12 and 02-13 have been developed and will be sampled soon, hopefully by 4/26/02.
- Updated cross-sections were handed out.

- AMEC indicated that Ceimic plans to bring another instrument on-line shortly to handle the volume of perchlorate samples. AMEC is also pursuing another laboratory as a stopgap measure to meet the current demand.
- Leo Yuskus (Haley and Ward) asked about the status of confirmatory samples to provide assurance of Ceimic results. Mr. Grant indicated that a plan has not been finalized, but a new lab running EPA Method 314 is being considered. A MDL study must be provided to and approved by EPA prior to proceeding.
- Mr. Yuskus requested that the sampling schedule be re-evaluated and updated, and specifically requested that 02-12 and 02-13 be sampled weekly as sentry wells for Bourne Water Supply Well #1. Mr. Gregson agreed with weekly sampling of 02-13, but deferred decision on 02-12 until further review was completed.
- Mr. Yuskus indicated that Bourne Water Supply Well #6 may be needed to provide water in May, therefore he requested that the Guard sample existing observation wells around Well #6 prior to and after pumping the well to waste for approximately 7 days. This data would provide documentation to support the use of Well #6. Mr. Gregson agreed to conduct the sampling and analysis. Mr. Rice indicated that it would make sense to conduct the requested sampling in conjunction with the monthly sampling round for the observation wells, which is scheduled for next week or the following week. Mr. Yuskus to check on timing and get back to the Guard.
- Mr. Yuskus requested that the Guard evaluate the monitoring wells upgradient of WS-4 that should be sampled for perchlorate. Bill Gallagher (IAGWSPO) indicated that the RRA well, which will be installed in the next two weeks, is upgradient. The Guard agreed to evaluate the upgradient wells and sample appropriate wells as necessary.
- Mr. Yuskus asked for an update on the new upgradient wells for WS-4. Handout of proposed locations was provided. Several options for well locations were discussed.
- It was agreed to proceed with the ROA process for WS4P-1, which is located on an existing road. The proposed location of WSP4-2 is in a forested area making access difficult. Mr. Yuskus will discuss potential locations for WSP4-2 with MADEP.
- Mr. Yuskus requested that the Guard consider installing a monitoring well fence between the Far Field and the sentry wells to provide additional data regarding the distribution of perchlorate. If higher concentrations of perchlorate are currently present between the Far Field and sentry wells, the Water District would like to know it now instead of waiting for the potentially higher concentrations to reach the sentry wells. Mr. Gregson suggested that further discussion of the need for this additional well fence be delayed until results from MW-213 and other agreed upon investigations are reviewed.

2. SUMMARY OF DATA RECEIVED

Validated data were received during April for Sample Delivery Groups (SDGs) CEI052, CEI054, CEI055, CEI060, CEI061, CEI062, CEI064, CEI065, CEI067, CEI068, CEI070, CEI071, CEI072, CEI077, CEI079, CEI082, CEI083, CEI084, MMR689, MMR701, MMR713, MMR772, MMR773, MMR774, MMR775, MMR776, MMR785, MMR809, SMR019, SMR021, SMR022, SMR022A, SMR026, and SMR026A. These SDGs contain results for groundwater samples 2 crater grab samples; 2 crater grid samples from the J-1 Range, 123 groundwater samples from supply wells, monitoring wells and drive points; 2 process water samples from the FS-12 treatment system, 69 profile samples from wells 02-01, 02-02, 02-03, 02-05, 02-12, MW-181, MW-183, MW-202, and MW-210; 1 sediment sample from MW-181; and 80 soil grid samples from the J-1, J-2, and J-3 Ranges.

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 July 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 July 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 April 2002, three wells, 160S (Demo Area 2), 184M1 (Central Impact Area) and 191M2 (J-1 Range), had first time detections of hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) that were above the HA. Four wells, 187M1, 187D, 191M1 (J-1 Range) and 197M3 (J-3 Range), had first time detections of RDX that were below the HA. Six wells, 161S (Demo Area 2), 184M1 (Central Impact Area), 187M1, 191M2, 191M1 (J-1 Range), and 197M3 (J-3 Range), had first time detections of octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) that were below the HA.

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

- Demo Area 1 (wells 19, 31, 34, 73, 76, 77, and 114);
- Demo Area 2 (well 160)
- the Impact Area and CS-19 (wells 58MW0001, 0002, 0009E, 0011D, 0016B, 0016C; 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, 184); and
- J Ranges and southeast of the J Ranges (wells 45, 58, 132, 147, 153, 163, 164, 165, 166, 171, 191 and wells 90MW0022 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 for hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) at all of the locations listed above except at MW-45. Exceedances of drinking water criteria were measured for 2,6-dinitrotoluene (2,6-DNT) at MW-45S. One of the exceedance wells,

90WT0013, has had no detectable RDX in the last seven validated sample rounds (1/99 to 09/01).

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 April 2002, one well, 187D (J-1 Range) had first time validated detections of sodium and antimony above the MCL/HAs. Twenty wells had first time detections of one or more metals below the MCL/HAs including 156S (Former ASP), 160S, 161S (Demo Area 2), 167M3 (Landfill), 170M2 (K Range), 174S (West of Central Impact Area), 187S, 187M1, 187D, 188M1, 189S, 190M2, 190M1, 191S, 191M2, 191M1 (J-1 Range), 192M3, 192M2, 192M1 (J-2 Range), and 197M3 (J-3 Range).

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 (in 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 16 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; three wells (144S, 145S 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 11 antimony exceedances were repeated in consecutive sampling rounds, and only one exceedance (well 50M1) was measured in year 2000 results. There have been no exceedances since the introduction of the new ICP method for antimony and thallium, discussed in the next paragraph. Seven of the 62 thallium exceedances were repeated in consecutive sampling rounds (wells 7M1, 7M2, 47M2, 52S, 52D, 54S, and 54M1). 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; three wells (94M2, 132S, and 150S) had thallium exceedances in the year 2001 results. All of the 2001 exceedances occurred before the introduction of the new ICP method.

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 April 2002, four screens, 187M1, 188M1, 190M1 (J-1 Range), and 192M3 (J-2 Range), had first time validated detections of various volatile organic compounds that did not exceed MCLs/HAs. First time validated detections of various volatile organic compounds at 187D (J-1 Range) did not exceed the MCLs/HAs except for detections of benzene and chloromethane.

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, 1,2-dichloroethane, and chloromethane at 1J-1 Range well 87D are currently under investigation.

Detections of chloroform are presented separately in Figure 4. Figure 4 will be updated semiannually and included only in the January and July Monthly Progress Reports.

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 will be updated semiannually and included only in the January and July Monthly Progress Reports.

Figure 5: SVOCs in Groundwater Compared to MCLs/HAs

For data validated in April 2002, seven wells, 187M1, 187D, 188M1, 190M1, 191M1 (J-1 Range), 192M1 (J-2 Range), and 197M3 (J-3 Range) had first time validated detections of various semi-volatile organic compounds. These detections did not exceed the MCL/HAs.

Exceedances of drinking water criteria for SVOCs are scattered throughout the study area. All exceedances of drinking water criteria for SVOCs were measured for bis (2-ethylhexyl) phthalate (BEHP), except for 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. Figure 6 will be updated semiannually and included only in the January and July Monthly Progress Reports.

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 80) 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. Nine wells (28M1, 55D, 82D, 142M1, 142M2, 146M1, 157D, 168M1, 168M2) have had a BEHP exceedance in the year 2001 results. This figure, presenting only BEHP detections will be updated semiannually and included only in the January and July Monthly Progress Reports.

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

For data validated in April 2002, no locations had first time validated detections of a pesticide or herbicide.

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 April 2002, five wells had first time validated detections of perchlorate that were below the EPA MMR Relevant Standard of 1.5 ppb. Perchlorate was detected in Bourne test wells (TW01-2, TW1-88), a Bourne water supply well (4036000-03G), Demo Area 1 well (173M3), and a J-3 Range well (193S). Five wells had first time validated detections of perchlorate above the EPA MMR Relevant Standard, including a Demo Area 1 well (162M2), and J-3 Range wells (193M1, 197M3, 198M3 and 198M4).

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 49 exceedances of the limit of 1.5 ppb for perchlorate.

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

- Demo Area 1 (wells 19, 31, 34, 35, 73, 75, 76, 77, 78, 114, 129, 139, 162, 165, and 172);
- Central Impact Area (wells 91, 93, 99, 100, 101, 105, and OW-1);
- 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); and
- Northwest of Impact Area (well 66).
- West of Impact Area (well 80)

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 well 4036000-01G (Bourne supply well) had detections of acetone and chloroform. This is the first time acetone had been detected in this well.

- Groundwater samples from well 4036000-03G (Bourne supply well) had detections of acetone, chloroform, toluene and perchlorate. This is the first time acetone and toluene have been detected in this well.

- Groundwater samples from Bourne supply well 4036000-04G had detections of 2-chloroethyl vinyl ether and chloroform. This is the first time 2-chloroethyl vinyl ether has been detected in this well.

- Groundwater samples from Bourne supply 4036000-06G and duplicate had detections of chloroform. The results were similar to previous sampling rounds.

- Groundwater samples from wells 58MW0015B (CS-19), 90MP0059B (Snake Pond), MW-37M3 (Central Impact Area), MW-143M1, M3 (J-3 Range), and MW-171M2 (Snake Pond) had detections of RDX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.

- Groundwater samples from 90MW0014 (J-3 Range), MW-139M1 (Demo Area 1) and MW-142M2 (SE Corner of the Ranges) had detections of perchlorate. This is the first time perchlorate has been detected in these wells.

- Groundwater samples from 90MW0054 (Snake Pond Area), MW-129M2, MW-139M2, and MW-162M2 (Demo Area 1) had detections of perchlorate. The results were similar to previous sampling rounds.

- Groundwater samples from wells 90MW0022 (J-3 Range) and MW-129M1 (Demo Area 1) had detections of perchlorate and RDX. The detections of RDX were confirmed by PDA spectra. These results were similar to previous sampling rounds.

- Groundwater samples from MW-31M and duplicate (Demo Area 1) had detections of RDX, HMX, and MNX that were confirmed by PDA spectra. This is the first time MNX has been detected in this well.

- Groundwater samples from MW-129M3 (Demo Area 1) had detections of perchlorate and RDX. The detections of RDX were confirmed by PDA spectra. This is the first time these compounds have been detected at MW-129M3.

- Groundwater samples from MW-143M2 (SE Corner of the Ranges) had detections of RDX and HMX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.

- Groundwater samples from MW-165M2 (Demo Area 1) had detections of RDX, HMX and MNX that were confirmed by PDA spectra. This is the first analysis for the extended explosives method. The results for RDX and HMX were similar to previous sampling rounds.

- Groundwater samples from wells MW-204M1, M2; MW-205M1; MW-207M1, M2; and MW-209M1 (Central Impact Area) had detections of RDX that were confirmed by PDA spectra. This is the first sampling event for these wells and results were consistent with the profile results.

- Water samples from Bourne Water District's Boulder distribution station (BOULDER-DST) had detections of 2,6-DNT and nitroglycerin. A duplicate sample had detections of 2A-DNT and nitroglycerin. The detection of 2,6-DNT was confirmed by PDA spectra, but with interference. This is the first sampling event at this location.

- Water samples of the influent for the Central Impact Area 72-hour column test (CTPW1INF0, 26, 50) had detections of RDX and HMX that were confirmed by PDA spectra.

- Groundwater samples from SANDHATCH1-E (Sandwich Fish Hatchery potable well) had detections of 1,1,1-trichloroethane and chloroform. A duplicate sample also had a detection of 1,1-dichloroethane. These are the first and second sampling rounds for this well.

- Groundwater samples from Bourne monitoring wells 02-01M1, M2; 02-02M1, M2, S; 02-03M1, M3; 02-04M3; 02-05M2, M3; 02-09M1; 02-12M1, M2, M3; and 02-13M2, M3 had detections of chloroform. This is the first sampling event for these wells and the results were consistent with the profile results.

- Groundwater samples from Bourne monitoring well 02-03M2 and 02-05M1 had detections of chloroform and perchlorate. This is the first sampling event for these wells and results were consistent with profile results except that perchlorate was not detected the interval corresponding to 02-03M2.

- Groundwater samples from Bourne monitoring well 02-09M2 and 02-13M1 had a detection of perchlorate. This is the first sampling event for these wells and results were consistent with profile results.

- Groundwater samples from Bourne monitoring well 02-04M1 and M2 had detections of chloroform and TCE. This is the first sampling event for these wells and results were consistent with profile results except that TCE was not detected in profile results corresponding to screen M2.

- Groundwater samples from 97-2B, 97-2D, 97-2G, M-1B, M-1C, M-1D, M-2B, M-2C, M-2D, M-3B, M-3C, M-4B, M-4C, M-4D, M-5B, M-5C, M-5D, M-6C, M-6D, and M-7D (Bourne monitoring wells) had detections of chloroform. This is the first sampling round for these wells.

- Groundwater samples from 97-2E had detections of 1,4-dichlorobenzene and chloroform. This is the first sampling round for this well.

- Groundwater samples from 97-2F had detections of chloroform and chloromethane. This is the first sampling round for this well.

- Groundwater samples from 97-2C, and M-3D (Bourne monitoring wells) had detections of perchlorate and chloroform. This is the first sampling round for these wells.

- Groundwater samples from M-6B and M-7C (Bourne monitoring wells) had detections of acetone and chloroform. This is the first sampling round for M-7C and the first sampling round for VOCs at M-6B.

- Groundwater samples from M-7B (Bourne monitoring well) had a detection of chloroform. A duplicate sample had detections of chloroform and acetone. This is the first sampling round for this well.

- Groundwater samples from WS-4A and WS-4B (Base Water Supply Well 4) TW01-1, (Bourne test well), 00-4 (Bourne monitoring well), and TW00-5 (Bourne test well) had detections of chloroform. The results were similar to previous sampling rounds.

- Groundwater samples from TW00-4D (Bourne test well), and SPRING1A (Bourne artesian well) had detections of chloroform. This is the first sampling round for VOCs in these wells.

- Groundwater samples from WS-4 (Bourne monitoring well) had detections of chloroform. This is the first sampling event for this well.

- Groundwater samples from 00-1D (Bourne observation well) had detections of nitroglycerin, chloroform, and TCE. The detection of nitroglycerin was not confirmed by PDA spectra. This is the first time this well has been sampled for VOCs.

- Groundwater samples from TW00-6 (Bourne test well) had a detection of chloroform. A duplicate sample had detections of chloroform and perchlorate. This is the first time perchlorate has been detected in this well and the first sampling round for VOCs.

- Groundwater samples from TW00-7 (Bourne test well) had detections of chloroform and perchlorate. This is the first time perchlorate has been detected in this well and the first sampling round for VOCs.

- Groundwater samples from TW1-88A (Bourne test well) had detections of perchlorate, acetone, chloroform, and toluene. The results were similar to previous sampling rounds.

- Groundwater samples from TW1-88B (Bourne test well) had detections of nitroglycerin, acetone, chloroform, and toluene. A duplicate sample had detections of acetone, chloroform, toluene and picric acid. The detections of explosives were not confirmed by PDA spectra. The results were similar to previous sampling rounds.

- Groundwater samples from MW-80M1, M2 (Bourne far field) and TW01-2 (Bourne test well) had detections of chloroform and perchlorate. The results were similar to previous sampling rounds.

- Groundwater samples from MW-80S; MW-81M3; and MW-82S, M1, M2, M3, D (Bourne far field) had detections of chloroform. The detections were similar to previous sampling rounds.

- Groundwater profile samples from 02-04 (Bourne) had detections of RDX (2 intervals), nitroglycerin (1 interval), picric acid (1 interval), 2-hexanoane (2 intervals), acetone (10 intervals), chloroform (10 intervals), 2-butanone (10 intervals), and TCE (5 intervals). The detections of RDX were confirmed by PDA spectra, but with interference.

- Groundwater profile samples from 02-07 (Bourne) had detections of TNT (2 intervals), 2,4-DANT (2 intervals), 2,6-DNT (4 intervals), 3-nitrotoluene (1 interval), 4A-DNT (2 intervals), 4-nitrotoluene (2 intervals), RDX (5 intervals), nitroglycerin (7 intervals), picric acid (6 intervals), perchlorate (2 intervals), 1,2,4-trichlorobenzene (1 interval), acetone (4 intervals), benzene (3 intervals), chloroform (13 intervals). One detection of 2,4-DANT was confirmed by PDA spectra. One detection of TNT and RDX and the detections of 2,6-DNT and 3-nitrotoluene were confirmed by PDA spectra, but with interference. Four detections of RDX were not confirmed by PDA spectra, but with interference.

- Groundwater profile samples from 02-08 (Bourne) had detections of 1,3,5-trinitrobenzene (1 interval), 1,3-dinitrobenzene (1 interval), nitrobenzene (1 interval), nitroglycerin (3 intervals), perchlorate (3 intervals), acetone (11 intervals), chloroethane (2 intervals), chloroform (7 intervals), and 2-butanone (9 intervals). The explosive detections were not confirmed by PDA spectra.

- Groundwater profile samples from 02-09 (Bourne) had detections of nitroglycerin (1 interval), perchlorate (2 intervals), acetone (1 interval), chloroethane (1 interval), and 2-butanone (1 interval). The detection of nitroglycerin was not confirmed by PDA spectra.

- Groundwater profile samples from 02-10 (Bourne) had detections of nitroglycerin (8 intervals), picric acid (3 intervals), perchlorate (2 intervals), acetone (6 intervals), and chloroform (12 intervals). The detections of explosives were not confirmed by PDA spectra.

- Groundwater profile samples from 02-13 (Bourne) had detections of 2,6-DNT (1 interval), RDX (1 interval), nitroglycerin (8 intervals), picric acid (1 interval), acetone (8 intervals), chloroform (9 intervals), chloromethane (1 interval), and 2-butanone (2 intervals). The detection of 2,6-DNT was confirmed by PDA spectra.

- Groundwater profile samples from 02-15 (Bourne) had detections of 2,6-DNT (1 interval), 3-nitrotoluene (1 interval), 4A-DNT (1 interval), 4-nitrotoluene (1 interval), nitroglycerin (6 intervals), acetone (4 intervals), chloroform (13 intervals), and 2-butanone (1 interval). The detection of 2,6-DNT was confirmed by PDA spectra, but with interference. The detection of 3-nitrotoluene was not confirmed by PDA spectra, but with interference.

- Groundwater profile samples from MW-211 (Demo Area 1) had detections of 2,6-DNT (1 interval), 3-nitrotoluene (3 intervals), 4A-DNT (8 intervals), RDX (2 intervals), nitroglycerin (4 intervals), PETN (1 interval), picric acid (7 intervals), and perchlorate (5 intervals). One detection of 3-nitrotoluene and the detections of 2,6-DNT and RDX were confirmed by PDA spectra. One detection of 3-nitrotoluene was confirmed by PDA spectra, but with interference.

- Groundwater profile samples from MW-212 (Central Impact Area) had detections of 1,3,5-trinitrobenzene (3 intervals), 1,3-dinitrobenzene (3 intervals), 2,6-DNT (2 intervals), 2-nitrotoluene (4 intervals), 4A-DNT (6 intervals), 4-nitrotoluene (6 intervals), RDX (5 intervals), nitrobenzene (1 interval), nitroglycerin (15 intervals), and picric acid (7 intervals). The detections of 2,6-DNT were confirmed by PDA spectra, but with interference. Two detections of RDX were not confirmed by PDA spectra, but with interference.

- Groundwater profile samples from MW-213 (Far Field Wells) had detections of TNT (1 interval), 2,4-DANT (1 interval), 2,6-DNT (3 interval), 2-nitrotoluene (1 interval), 4A-DNT (1 interval), 4-nitrotoluene (5 intervals), RDX (1 interval), nitroglycerin (10 intervals), picric acid (7 intervals), perchlorate (4 intervals), acetone (15 intervals), benzene (1 interval), chloroform (16 intervals), and 2-butanone (2 intervals). Three detections of 2,6-DNT were confirmed by PDA spectra, but with interference. One detection of 2,6-DNT was not confirmed by PDA spectra, but with interference.

3. DELIVERABLES SUBMITTED

Deliverables submitted during the reporting period include the following:

Final Post-Screening Investigation Workplan Demo 1 Soil Operable Unit	04/04/02
Draft Environmental Risk Characterization Demo 1 Soil Operable Unit	04/05/02
Weekly Progress Update for March 25 – March 29, 2002	04/05/02
March 2002 Monthly Progress Report	04/09/02
Final J-1, J-3, L Range Additional Delineation Workplan No. 2	04/11/02
Weekly Progress Update for April 1 – April 5, 2002	04/12/02
Weekly Progress Update for April 8 – April 12, 2002	04/19/02
Final Gun and Mortar Firing Positions Additional Characterization Workplan	04/25/02
Weekly Progress Update for April 15 – April 19, 2002	04/29/02

4. SCHEDULED ACTIONS

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

- Continue Central Impact Area Draft Soil Report revision
- Continue HUTA 1 Draft Report revision
- Finish HUTA 2 Site #1 Draft Report
- Finish HUTA 2 Site #2 Draft Report
- Continue HUTA 2 Site #3 Draft Report preparation
- Continue HUTA 2 Site #4 Draft Report preparation
- Continue HUTA 2 Site #5 Draft Report preparation
- Finish J-1/J-3/L Range Additional Delineation Draft Report
- Continue Phase II(b) Draft Final Report revision
- Start Phase II(b) Draft SAR Report preparation
- Continue Former A/K/Demo 2 Draft Report revision
- Continue Revised MSP Phase I Draft Report revision
- Continue MSP2 Demo Area 1 Validation Revised Draft Report revision
- Continue MSP2 Slit Trench Validation Draft Report revision
- Continue MSP2 ASP Geophysics Revised Draft Report revision
- Continue MSP2 Former K Range Draft Report revision
- Continue MSP2 Former A Range Revised Draft Report revision
- Continue Demo Area 1 Soil Feasibility Study Screening Draft Report revision
- Continue Demo Area 1 Groundwater Feasibility Study Draft Report revision
- Continue UXO Feasibility Study Screening Draft Report revision

5. SUMMARY OF ACTIVITIES FOR DEMO 1

Additional delineation of the downgradient portion of the groundwater plume will be conducted prior to finalizing the Feasibility Study for the Groundwater Operable Unit. Magnetic anomaly investigations in accordance with the Post-Screening Investigation Work Plan were initiated. The Final Post-Screening Investigation Workplan and the Draft Environmental Risk Characterization for the Soil Operable Unit were submitted in April. Well installation was completed at D1P-10 (MW-211) located on Pew Road. Drilling commenced for well D1P-11 (MW-214) located on Frank Perkins Road. Planning efforts were initiated to locate additional monitoring wells west of Pew Road. Magnetic anomaly investigations in accordance with the Post-Screening Investigation Work Plan were initiated.

TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HCA04220202AA	A04220202	04/26/2002	CRATER GRAB	0.00	0.25		
HDA03270202AA	A03270202	04/05/2002	CRATER GRAB	0.00	0.25		
HDA04220202AA	A04220202	04/26/2002	CRATER GRAB	0.00	0.25		
0.A.1.00708.6.0	0A100708	04/13/2002	CRATER GRID	0.00	0.25		
T2.A.0K.003.1.0	T2.0K.003.R	04/03/2002	CRATER GRID	2.00	2.25		
T2.A.0K.003.1.D	T2.0K.003.R	04/03/2002	CRATER GRID	2.00	2.25		
T2.A.0K.003.2.0	T2.0K.003.R	04/04/2002	CRATER GRID	2.00	2.25		
T2.A.0K.003.3.0	T2.0K.003.R	04/04/2002	CRATER GRID	2.00	2.25		
T3.A.0P.009.1.0	T3.0P.009.R	04/03/2002	CRATER GRID	0.25	0.50		
T3.A.0P.009.2.0	T3.0P.009.R	04/04/2002	CRATER GRID	0.25	0.50		
T3.A.0P.009.3.0	T3.0P.009.R	04/04/2002	CRATER GRID	0.25	0.50		
T3.B.0I.019.3.0	T3.0I.019.R	04/03/2002	CRATER GRID	2.00	2.25		
T3.B.0I.019.4.0	T3.0I.019.R	04/03/2002	CRATER GRID	2.50	3.00		
UR.A.B4.001.1.0	UR.B4.001.R	04/11/2002	CRATER GRID	1.00	1.25		
UR.A.B4.001.2.0	UR.B4.001.R	04/11/2002	CRATER GRID	2.25	2.50		
UR.A.B4.001.3.0	UR.B4.001.R	04/11/2002	CRATER GRID	2.25	2.50		
4036000-06T	FIELDQC	04/24/2002	FIELDQC	0.00	0.00		
58MW0015E	FIELDQC	04/11/2002	FIELDQC	0.00	0.00		
90MW0054E	FIELDQC	04/20/2002	FIELDQC	0.00	0.00		
90WT0008E	FIELDQC	04/23/2002	FIELDQC	0.00	0.00		
97-2FE	FIELDQC	04/01/2002	FIELDQC	0.00	0.00		
97-2GT	FIELDQC	04/30/2002	FIELDQC	0.00	0.00		
G02-04DAT	FIELDQC	04/08/2002	FIELDQC	0.00	0.00		
G02-04DHE	FIELDQC	04/08/2002	FIELDQC	0.00	0.00		
G02-07DKE	FIELDQC	04/09/2002	FIELDQC	0.00	0.00		
G02-07DME	FIELDQC	04/10/2002	FIELDQC	0.00	0.00		
G02-08DCE	FIELDQC	04/02/2002	FIELDQC	0.00	0.00		
G02-10DCE	FIELDQC	04/11/2002	FIELDQC	0.00	0.00		
G02-10DGE	FIELDQC	04/12/2002	FIELDQC	0.00	0.00		
G02-10DHT	FIELDQC	04/15/2002	FIELDQC	0.00	0.00		
G02-10DLE	FIELDQC	04/15/2002	FIELDQC	0.00	0.00		
G02-13DDE	FIELDQC	04/01/2002	FIELDQC	0.00	0.00		
G02-13DDT	FIELDQC	04/01/2002	FIELDQC	0.00	0.00		
G02-13DKE	FIELDQC	04/03/2002	FIELDQC	0.00	0.00		
G02-15DAT	FIELDQC	04/25/2002	FIELDQC	0.00	0.00		
G02-15DBE	FIELDQC	04/26/2002	FIELDQC	0.00	0.00		
G02-15DFE	FIELDQC	04/29/2002	FIELDQC	0.00	0.00		
G02-15DGE	FIELDQC	04/29/2002	FIELDQC	0.00	0.00		
G02-15DGT	FIELDQC	04/29/2002	FIELDQC	0.00	0.00		
G02-15DME	FIELDQC	04/30/2002	FIELDQC	0.00	0.00		
G02-DCT	FIELDQC	04/02/2002	FIELDQC	0.00	0.00		
G212DJE	FIELDQC	04/23/2002	FIELDQC	0.00	0.00		
G212DOE	FIELDQC	04/24/2002	FIELDQC	0.00	0.00		
G213DKE	FIELDQC	04/18/2002	FIELDQC	0.00	0.00		
G213DPE	FIELDQC	04/19/2002	FIELDQC	0.00	0.00		
HC05AAA1AAE	FIELDQC	04/30/2002	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
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC05ECA1CAE	FIELDQC	04/29/2002	FIELDQC	0.00	0.00		
HC159C1BAE	FIELDQC	04/01/2002	FIELDQC	0.00	0.00		
HC160B1BAE	FIELDQC	04/03/2002	FIELDQC	0.00	0.00		
HC162K1CAE	FIELDQC	04/08/2002	FIELDQC	0.00	0.00		
HC163B1BAE	FIELDQC	04/09/2002	FIELDQC	0.00	0.00		
HC166G1BAE	FIELDQC	04/10/2002	FIELDQC	0.00	0.00		
HC169B1BAE	FIELDQC	04/12/2002	FIELDQC	0.00	0.00		
HC170B1AAE	FIELDQC	04/24/2002	FIELDQC	0.00	0.00		
HC171A1CAE	FIELDQC	04/22/2002	FIELDQC	0.00	0.00		
HC171D1BAE	FIELDQC	04/23/2002	FIELDQC	0.00	0.00		
HC174A1AAE	FIELDQC	04/17/2002	FIELDQC	0.00	0.00		
HC175A1BAAE	FIELDQC	04/18/2002	FIELDQC	0.00	0.00		
HC176B1CAE	FIELDQC	04/19/2002	FIELDQC	0.00	0.00		
HC17K1AAE	FIELDQC	04/25/2002	FIELDQC	0.00	0.00		
HC58G1BAE	FIELDQC	04/26/2002	FIELDQC	0.00	0.00		
HC60B1AAE	FIELDQC	04/29/2002	FIELDQC	0.00	0.00		
HC60D1AAE	FIELDQC	04/30/2002	FIELDQC	0.00	0.00		
HD127F3BAE	FIELDQC	04/11/2002	FIELDQC	0.00	0.00		
HD135K1BAE	FIELDQC	04/16/2002	FIELDQC	0.00	0.00		
HD135R1AAT	FIELDQC	04/16/2002	FIELDQC	0.00	0.00		
HD137D1CAE	FIELDQC	04/25/2002	FIELDQC	0.00	0.00		
HD137E1AAE	FIELDQC	04/26/2002	FIELDQC	0.00	0.00		
HD161C1AAE	FIELDQC	04/04/2002	FIELDQC	0.00	0.00		
HD167B3BAT	FIELDQC	04/11/2002	FIELDQC	0.00	0.00		
HD59E1AAE	FIELDQC	04/29/2002	FIELDQC	0.00	0.00		
M-1CAT	FIELDQC	04/04/2002	FIELDQC	0.00	0.00		
M-6BAE	FIELDQC	04/03/2002	FIELDQC	0.00	0.00		
M-6BAT	FIELDQC	04/03/2002	FIELDQC	0.00	0.00		
M-7BAE	FIELDQC	04/04/2002	FIELDQC	0.00	0.00		
OW00-1DE	FIELDQC	04/09/2002	FIELDQC	0.00	0.00		
TW00-4E	FIELDQC	04/06/2002	FIELDQC	0.00	0.00		
TW01-1T	FIELDQC	04/12/2002	FIELDQC	0.00	0.00		
TW1-88AE	FIELDQC	04/13/2002	FIELDQC	0.00	0.00		
W02-01M2T	FIELDQC	04/10/2002	FIELDQC	0.00	0.00		
W02-02M2T	FIELDQC	04/22/2002	FIELDQC	0.00	0.00		
W02-04M3E	FIELDQC	04/29/2002	FIELDQC	0.00	0.00		
W02-05M1T	FIELDQC	04/23/2002	FIELDQC	0.00	0.00		
W02-12M2E	FIELDQC	04/29/2002	FIELDQC	0.00	0.00		
W02-13M1E	FIELDQC	04/26/2002	FIELDQC	0.00	0.00		
W02-13M1T	FIELDQC	04/26/2002	FIELDQC	0.00	0.00		
W139M2T	FIELDQC	04/17/2002	FIELDQC	0.00	0.00		
W165M2T	FIELDQC	04/18/2002	FIELDQC	0.00	0.00		
W169M1F	FIELDQC	04/11/2002	FIELDQC	0.00	0.00		
W82M1T	FIELDQC	04/05/2002	FIELDQC	0.00	0.00		
W82M2E	FIELDQC	04/05/2002	FIELDQC	0.00	0.00		
J2.B.T2A.001.2.0	N/A	04/17/2002	GAUZE WIPE	0.00	0.00		

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TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
T3.B.0I.019.2.0	T3.0I.019.R	04/03/2002	GAUZE WIPE	0.00	0.00		
13BELL-DSTA	13BELL-DST	04/24/2002	GROUNDWATER				
211BARLOW-DSTA	211BARLOW-DST	04/24/2002	GROUNDWATER				
4036000-01G	4036000-01G	04/03/2002	GROUNDWATER				
4036000-01G	4036000-01G	04/10/2002	GROUNDWATER				
4036000-01G	4036000-01G	04/17/2002	GROUNDWATER				
4036000-01G	4036000-01G	04/24/2002	GROUNDWATER				
4036000-03G	4036000-03G	04/03/2002	GROUNDWATER				
4036000-03G	4036000-03G	04/10/2002	GROUNDWATER				
4036000-03G	4036000-03G	04/17/2002	GROUNDWATER				
4036000-03G	4036000-03G	04/24/2002	GROUNDWATER				
4036000-04G	4036000-04G	04/03/2002	GROUNDWATER				
4036000-04G	4036000-04G	04/10/2002	GROUNDWATER				
4036000-04G	4036000-04G	04/17/2002	GROUNDWATER				
4036000-04G	4036000-04G	04/24/2002	GROUNDWATER				
4036000-06G	4036000-06G	04/03/2002	GROUNDWATER				
4036000-06G	4036000-06G	04/10/2002	GROUNDWATER				
4036000-06G	4036000-06G	04/17/2002	GROUNDWATER				
4036000-06G	4036000-06G	04/24/2002	GROUNDWATER				
4036000-06GD	4036000-06G	04/10/2002	GROUNDWATER				
58MW0015A	58MW0015A	04/11/2002	GROUNDWATER	160.68	169.94	39.00	51.20
58MW0015B	58MW0015B	04/11/2002	GROUNDWATER	131.96	140.22	12.70	22.70
90MP0059A	90MP0059	04/11/2002	GROUNDWATER	145.00	148.00	139.00	142.00
90MP0059B	90MP0059	04/11/2002	GROUNDWATER	116.00	119.00	110.00	113.00
90MP0059C	90MP0059	04/11/2002	GROUNDWATER	91.00	94.00	85.00	88.00
90MW0011	90MW0011	04/19/2002	GROUNDWATER	46.50	51.50	34.80	39.80
90MW0014	90MW0014	04/15/2002	GROUNDWATER	103.00	108.00	78.00	83.00
90MW0022	90MW0022	04/15/2002	GROUNDWATER	112.00	117.00	72.79	77.79
90MW0023	90MW0023	04/15/2002	GROUNDWATER	161.00	166.00	69.68	74.68
90MW0054	90MW0054	04/20/2002	GROUNDWATER	107.00	112.00	91.83	96.83
90MW0063	90MW0063	04/20/2002	GROUNDWATER	50.00	55.00	32.50	37.50
90MW0070	90MW0070	04/20/2002	GROUNDWATER	132.50	137.50	78.00	83.00
90MW0071	90MW0071	04/20/2002	GROUNDWATER	150.00	155.00	82.00	87.00
90MW0071D	90MW0071	04/20/2002	GROUNDWATER	150.00	155.00	82.00	87.00
90MW0101A	90MW0101A	04/09/2002	GROUNDWATER	112.70	117.50	106.60	116.60
90MW0102A	90MW0102A	04/09/2002	GROUNDWATER	112.90	117.70	107.10	112.10
90PZ0211	90PZ0211	04/19/2002	GROUNDWATER	80.00	110.00	71.32	101.32
90WT0008	90WT0008	04/23/2002	GROUNDWATER	57.00	67.00	0.00	10.00
95-14	95-14	04/08/2002	GROUNDWATER	103.00	113.00	90.00	120.00
97-2BA	97-2B	04/01/2002	GROUNDWATER		121.00		75.40
97-2BA	97-2B	04/17/2002	GROUNDWATER		121.70		75.40
97-2BA	97-2B	04/30/2002	GROUNDWATER		121.70		74.00
97-2CA	97-2C	04/02/2002	GROUNDWATER		132.00		68.00
97-2CA	97-2C	04/18/2002	GROUNDWATER		132.00		68.00
97-2CA	97-2C	04/30/2002	GROUNDWATER		132.00		72.93
97-2DA	97-2D	04/30/2002	GROUNDWATER		115.40		66.57

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TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
97-2EA	97-2E	04/30/2002	GROUNDWATER		94.50		62.94
97-2FA	97-2F	04/01/2002	GROUNDWATER		120.00		76.70
97-2FA	97-2F	04/30/2002	GROUNDWATER		120.00		80.00
97-2GA	97-2G	04/01/2002	GROUNDWATER		126.00		73.70
97-2GA	97-2G	04/30/2002	GROUNDWATER		126.80		77.93
BOULDER-DSTA	BOULDER-DST	04/24/2002	GROUNDWATER				
BOULDER-DSTD	BOULDER-DST	04/24/2002	GROUNDWATER				
CT1EFFA10	CT1EFFA10	04/16/2002	GROUNDWATER				
CT1EFFA14	CT1EFFA14	04/17/2002	GROUNDWATER				
CT1EFFA18	CT1EFFA18	04/17/2002	GROUNDWATER				
CT1EFFA2	CT1EFFA2	04/16/2002	GROUNDWATER				
CT1EFFA20	CT1EFFA20	04/17/2002	GROUNDWATER				
CT1EFFA22	CT1EFFA22	04/17/2002	GROUNDWATER				
CT1EFFA26	CT1EFFA26	04/17/2002	GROUNDWATER				
CT1EFFA26D	CT1EFFA26	04/17/2002	GROUNDWATER				
CT1EFFA28	CT1EFFA28	04/17/2002	GROUNDWATER				
CT1EFFA30	CT1EFFA30	04/17/2002	GROUNDWATER				
CT1EFFA32	CT1EFFA32	04/17/2002	GROUNDWATER				
CT1EFFA34	CT1EFFA34	04/17/2002	GROUNDWATER				
CT1EFFA36	CT1EFFA36	04/17/2002	GROUNDWATER				
CT1EFFA38	CT1EFFA38	04/18/2002	GROUNDWATER				
CT1EFFA40	CT1EFFA40	04/18/2002	GROUNDWATER				
CT1EFFA42	CT1EFFA42	04/18/2002	GROUNDWATER				
CT1EFFA44	CT1EFFA44	04/18/2002	GROUNDWATER				
CT1EFFA46	CT1EFFA46	04/18/2002	GROUNDWATER				
CT1EFFA48	CT1EFFA48	04/18/2002	GROUNDWATER				
CT1EFFA50	CT1EFFA50	04/18/2002	GROUNDWATER				
CT1EFFA52	CT1EFFA52	04/18/2002	GROUNDWATER				
CT1EFFA54	CT1EFFA54	04/18/2002	GROUNDWATER				
CT1EFFA56	CT1EFFA56	04/18/2002	GROUNDWATER				
CT1EFFA58	CT1EFFA58	04/18/2002	GROUNDWATER				
CT1EFFA6	CT1EFFA6	04/16/2002	GROUNDWATER				
CT1EFFA60	CT1EFFA60	04/18/2002	GROUNDWATER				
CT1EFFA62	CT1EFFA62	04/19/2002	GROUNDWATER				
CT1EFFA64	CT1EFFA64	04/19/2002	GROUNDWATER				
CT1EFFA66	CT1EFFA66	04/19/2002	GROUNDWATER				
CT1EFFA68	CT1EFFA68	04/19/2002	GROUNDWATER				
CT1EFFA70	CT1EFFA70	04/19/2002	GROUNDWATER				
CT1EFFA72	CT1EFFA72	04/19/2002	GROUNDWATER				
CT1EFFA72D	CT1EFFA72	04/19/2002	GROUNDWATER				
CT1EFFA8	CT1EFFA8	04/16/2002	GROUNDWATER				
CT1EFFB14	CT1EFFB14	04/17/2002	GROUNDWATER				
CT1EFFB2	CT1EFFB2	04/16/2002	GROUNDWATER				
CT1EFFB26	CT1EFFB26	04/17/2002	GROUNDWATER				
CT1EFFB32	CT1EFFB32	04/17/2002	GROUNDWATER				
CT1EFFB38	CT1EFFB38	04/18/2002	GROUNDWATER				

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TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
CT1EFFB44	CT1EFFB44	04/18/2002	GROUNDWATER				
CT1EFFB50	CT1EFFB50	04/18/2002	GROUNDWATER				
CT1EFFB56	CT1EFFB56	04/18/2002	GROUNDWATER				
CT1EFFB62	CT1EFFB62	04/19/2002	GROUNDWATER				
CT1EFFB66	CT1EFFB66	04/19/2002	GROUNDWATER				
CT1EFFB68	CT1EFFB68	04/19/2002	GROUNDWATER				
CT1EFFB70	CT1EFFB70	04/19/2002	GROUNDWATER				
CT1EFFB72	CT1EFFB72	04/19/2002	GROUNDWATER				
CT2EFFA10	CT2EFFA10	04/16/2002	GROUNDWATER				
CT2EFFA14	CT2EFFA14	04/17/2002	GROUNDWATER				
CT2EFFA18	CT2EFFA18	04/17/2002	GROUNDWATER				
CT2EFFA2	CT2EFFA2	04/16/2002	GROUNDWATER				
CT2EFFA20	CT2EFFA20	04/17/2002	GROUNDWATER				
CT2EFFA22	CT2EFFA22	04/17/2002	GROUNDWATER				
CT2EFFA26	CT2EFFA26	04/17/2002	GROUNDWATER				
CT2EFFA28	CT2EFFA28	04/17/2002	GROUNDWATER				
CT2EFFA30	CT2EFFA30	04/17/2002	GROUNDWATER				
CT2EFFA32	CT2EFFA32	04/17/2002	GROUNDWATER				
CT2EFFA34	CT2EFFA34	04/17/2002	GROUNDWATER				
CT2EFFA36	CT2EFFA36	04/17/2002	GROUNDWATER				
CT2EFFA38	CT2EFFA38	04/18/2002	GROUNDWATER				
CT2EFFA40	CT2EFFA40	04/18/2002	GROUNDWATER				
CT2EFFA42	CT2EFFA42	04/18/2002	GROUNDWATER				
CT2EFFA44	CT2EFFA44	04/18/2002	GROUNDWATER				
CT2EFFA46	CT2EFFA46	04/18/2002	GROUNDWATER				
CT2EFFA48	CT2EFFA48	04/18/2002	GROUNDWATER				
CT2EFFA50	CT2EFFA50	04/18/2002	GROUNDWATER				
CT2EFFA52	CT2EFFA52	04/18/2002	GROUNDWATER				
CT2EFFA54	CT2EFFA54	04/18/2002	GROUNDWATER				
CT2EFFA56	CT2EFFA56	04/18/2002	GROUNDWATER				
CT2EFFA58	CT2EFFA58	04/18/2002	GROUNDWATER				
CT2EFFA6	CT2EFFA6	04/16/2002	GROUNDWATER				
CT2EFFA60	CT2EFFA60	04/18/2002	GROUNDWATER				
CT2EFFA62	CT2EFFA62	04/19/2002	GROUNDWATER				
CT2EFFA64	CT2EFFA64	04/19/2002	GROUNDWATER				
CT2EFFA66	CT2EFFA66	04/19/2002	GROUNDWATER				
CT2EFFA68	CT2EFFA68	04/19/2002	GROUNDWATER				
CT2EFFA70	CT2EFFA70	04/19/2002	GROUNDWATER				
CT2EFFA72	CT2EFFA72	04/19/2002	GROUNDWATER				
CT2EFFA8	CT2EFFA8	04/16/2002	GROUNDWATER				
CT2EFFB14	CT2EFFB14	04/17/2002	GROUNDWATER				
CT2EFFB2	CT2EFFB2	04/16/2002	GROUNDWATER				
CT2EFFB2	CT2EFFB2	04/17/2002	GROUNDWATER				
CT2EFFB26	CT2EFFB26	04/17/2002	GROUNDWATER				
CT2EFFB38	CT2EFFB38	04/18/2002	GROUNDWATER				
CT2EFFB50	CT2EFFB50	04/18/2002	GROUNDWATER				

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4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
CT2EFFB56	CT2EFFB56	04/18/2002	GROUNDWATER				
CT2EFFB62	CT2EFFB62	04/19/2002	GROUNDWATER				
CT2EFFB68	CT2EFFB68	04/19/2002	GROUNDWATER				
CT2EFFB72	CT2EFFB72	04/19/2002	GROUNDWATER				
CTPW1INF0	CTPW1INF0	04/16/2002	GROUNDWATER				
CTPW1INF0D	CTPW1INF0	04/16/2002	GROUNDWATER				
CTPW1INF26	CTPW1INF26	04/17/2002	GROUNDWATER				
CTPW1INF50	CTPW1INF50	04/18/2002	GROUNDWATER				
CTPW1INF50D	CTPW1INF50	04/18/2002	GROUNDWATER				
CTPW1INF72	CTPW1INF72	04/19/2002	GROUNDWATER				
M-1BAA	M-1	04/04/2002	GROUNDWATER		45.00		10.00
M-1CAA	M-1	04/04/2002	GROUNDWATER		55.00		2.80
M-1DAA	M-1	04/04/2002	GROUNDWATER		65.00		12.80
M-2BAA	M-2	04/04/2002	GROUNDWATER		65.00		1.50
M-2CAA	M-2	04/04/2002	GROUNDWATER		75.00		11.50
M-2DAA	M-2	04/04/2002	GROUNDWATER		85.00		21.50
M-3BAA	M-3	04/02/2002	GROUNDWATER		65.00		6.80
M-3CAA	M-3	04/02/2002	GROUNDWATER		75.00		16.80
M-3DAA	M-3	04/02/2002	GROUNDWATER		85.00		26.80
M-4BAA	M-4	04/02/2002	GROUNDWATER		69.00		8.20
M-4CAA	M-4	04/02/2002	GROUNDWATER		79.00		18.20
M-4DAA	M-4	04/02/2002	GROUNDWATER		89.00		28.20
M-5BAA	M-5	04/03/2002	GROUNDWATER		65.00		7.20
M-5CAA	M-5	04/03/2002	GROUNDWATER		75.00		17.20
M-5DAA	M-5	04/03/2002	GROUNDWATER		85.00		27.20
M-6BAA	M-6	04/03/2002	GROUNDWATER		59.00		6.80
M-6CAA	M-6	04/03/2002	GROUNDWATER		69.00		16.80
M-6DAA	M-6	04/03/2002	GROUNDWATER		79.00		26.80
M-7BAA	M-7	04/04/2002	GROUNDWATER		43.00		14.40
M-7BAD	M-7	04/04/2002	GROUNDWATER		43.00		14.40
M-7CAA	M-7	04/03/2002	GROUNDWATER		65.00		7.60
M-7DAA	M-7	04/03/2002	GROUNDWATER		75.00		17.60
MASSASOIT-DSTA	MASSOIT-DST	04/24/2002	GROUNDWATER				
MW00-4A	00-4	04/06/2002	GROUNDWATER	64.00	70.00	38.00	44.00
OW00-1DA	00-1D	04/09/2002	GROUNDWATER	91.00	97.00	48.30	54.30
RANGECON	RANGECON	04/11/2002	GROUNDWATER	0.00	0.00		
RS0011SNP	RS0011	04/01/2002	GROUNDWATER				
RS0011SNP	RS0011	04/10/2002	GROUNDWATER				
RS09HERSEY	RS09	04/17/2002	GROUNDWATER				
RS15HERSEY	RS15	04/17/2002	GROUNDWATER				
RS15HERSEYD	RS15	04/17/2002	GROUNDWATER				
RS1HERSEY	RS1	04/17/2002	GROUNDWATER				
SAGAMORE-DSTA	SAGAMORE-DST	04/24/2002	GROUNDWATER				
SANDHATCH1-EA	FH-5	04/09/2002	GROUNDWATER				
SPRING1A	SPRING1A	04/05/2002	GROUNDWATER				
TW00-4DAA	00-4D	04/05/2002	GROUNDWATER	65.00	75.00	42.00	60.00

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SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
TW00-4DBA	00-4D	04/05/2002	GROUNDWATER	72.00	90.00	42.00	60.00
TW00-5A	00-5	04/05/2002	GROUNDWATER	50.00	56.00	15.50	21.50
TW00-6A	00-6	04/08/2002	GROUNDWATER	36.00	42.00	9.60	6.60
TW00-6D	00-6	04/08/2002	GROUNDWATER	36.00	42.00	9.60	6.60
TW00-7A	00-7	04/05/2002	GROUNDWATER	57.00	63.00	25.50	31.50
TW01-1A	01-1	04/12/2002	GROUNDWATER	62.00	67.00	55.21	60.21
TW01-2A	01-2	04/12/2002	GROUNDWATER	50.00	56.00	24.50	30.50
TW1-88AA	1-88	04/13/2002	GROUNDWATER		102.90		
TW1-88BA	1-88	04/13/2002	GROUNDWATER				
TW1-88BD	1-88	04/13/2002	GROUNDWATER				
W02-01M1A	02-01	04/10/2002	GROUNDWATER	95.00	105.00	42.90	52.90
W02-01M2A	02-01	04/10/2002	GROUNDWATER	83.00	93.00	30.90	40.90
W02-02M1A	02-02	04/22/2002	GROUNDWATER	114.50	124.50	63.50	73.50
W02-02M2A	02-02	04/22/2002	GROUNDWATER	94.50	104.50	42.65	52.65
W02-02SSA	02-02	04/22/2002	GROUNDWATER	49.50	59.50	0.00	10.00
W02-03M1A	02-03	04/17/2002	GROUNDWATER	130.00	140.00	86.10	96.10
W02-03M2A	02-03	04/17/2002	GROUNDWATER	92.00	102.00	48.15	58.15
W02-03M3A	02-03	04/17/2002	GROUNDWATER	75.00	85.00	31.05	41.05
W02-04M1A	02-04	04/29/2002	GROUNDWATER	123.00	133.00	73.97	83.97
W02-04M2A	02-04	04/29/2002	GROUNDWATER	98.00	108.00	48.93	58.93
W02-04M3A	02-04	04/29/2002	GROUNDWATER	83.00	93.00	34.01	44.01
W02-05M1A	02-05	04/19/2002	GROUNDWATER	110.00	120.00	81.44	91.44
W02-05M1A	02-05	04/23/2002	GROUNDWATER	110.00	120.00	81.44	91.44
W02-05M2A	02-05	04/19/2002	GROUNDWATER	92.00	102.00	63.41	73.41
W02-05M2A	02-05	04/23/2002	GROUNDWATER	92.00	102.00	63.41	73.41
W02-05M3A	02-05	04/22/2002	GROUNDWATER	70.00	80.00	41.37	51.37
W02-05M3A	02-05	04/23/2002	GROUNDWATER	70.00	80.00	41.37	51.37
W02-09M1A	02-09	04/25/2002	GROUNDWATER	74.00	84.00	65.26	75.26
W02-09M2A	02-09	04/26/2002	GROUNDWATER	59.00	69.00	50.30	60.30
W02-09SSA	02-09	04/26/2002	GROUNDWATER	7.00	17.00	0.00	10.00
W02-12M1A	02-12	04/25/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M2A	02-12	04/25/2002	GROUNDWATER	94.00	104.00	43.21	53.21
W02-12M3A	02-12	04/25/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-13M1A	02-13	04/26/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M2A	02-13	04/27/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M3A	02-13	04/27/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W129M1A	MW-129	04/12/2002	GROUNDWATER	136.00	146.00	66.00	76.00
W129M2A	MW-129	04/12/2002	GROUNDWATER	116.00	126.00	46.00	56.00
W129M3A	MW-129	04/15/2002	GROUNDWATER	96.00	106.00	26.00	36.00
W139M1A	MW-139	04/17/2002	GROUNDWATER	194.00	204.00	110.00	120.00
W139M2A	MW-139	04/17/2002	GROUNDWATER	154.00	164.00	70.00	80.00
W139M3A	MW-139	04/17/2002	GROUNDWATER	119.00	129.00	35.00	45.00
W142M1A	MW-142	04/16/2002	GROUNDWATER	225.00	235.00	185.00	195.00
W142M2A	MW-142	04/16/2002	GROUNDWATER	140.00	150.00	100.00	110.00
W143M1A	MW-143	04/15/2002	GROUNDWATER	144.00	154.00	114.00	124.00
W143M2A	MW-143	04/16/2002	GROUNDWATER	117.00	122.00	87.00	92.00

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TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W143M3A	MW-143	04/16/2002	GROUNDWATER	107.00	112.00	77.00	82.00
W144M1A	MW-144	04/29/2002	GROUNDWATER	125.00	135.00	97.00	107.00
W144M2A	MW-144	04/29/2002	GROUNDWATER	130.00	140.00	109.00	119.00
W144SSA	MW-144	04/29/2002	GROUNDWATER	26.00	36.00	5.00	15.00
W145M1A	MW-145	04/29/2002	GROUNDWATER	125.00	135.00	97.00	107.00
W147M1A	MW-147	04/29/2002	GROUNDWATER	167.00	177.00	94.00	104.00
W147M2A	MW-147	04/29/2002	GROUNDWATER	150.00	160.00	77.00	87.00
W147M2D	MW-147	04/29/2002	GROUNDWATER	150.00	160.00	77.00	87.00
W147M3A	MW-147	04/30/2002	GROUNDWATER	82.00	92.00	9.00	19.00
W148M1A	MW-148	04/15/2002	GROUNDWATER	90.00	100.00	29.00	39.00
W153M1A	MW-153	04/26/2002	GROUNDWATER	199.00	209.00	108.00	118.00
W153M2A	MW-153	04/26/2002	GROUNDWATER	144.00	154.00	53.00	63.00
W153M3A	MW-153	04/26/2002	GROUNDWATER	124.00	134.00	33.00	43.00
W153M3D	MW-153	04/26/2002	GROUNDWATER	124.00	134.00	33.00	43.00
W157DDA	MW-157	04/26/2002	GROUNDWATER	209.00	219.00	199.00	209.00
W157M1A	MW-157	04/26/2002	GROUNDWATER	154.00	164.00	144.00	154.00
W157M1D	MW-157	04/26/2002	GROUNDWATER	154.00	164.00	144.00	154.00
W157M2A	MW-157	04/26/2002	GROUNDWATER	110.00	120.00	100.00	110.00
W162M1A	MW-162	04/17/2002	GROUNDWATER	190.50	200.50	114.29	124.29
W162M2A	MW-162	04/18/2002	GROUNDWATER	125.50	135.50	49.29	59.29
W162M3A	MW-162	04/18/2002	GROUNDWATER	85.50	95.50	9.29	19.29
W162M3D	MW-162	04/18/2002	GROUNDWATER	85.50	95.50	9.29	19.29
W165M1A	MW-165	04/18/2002	GROUNDWATER	184.50	194.50	106.00	116.00
W165M2A	MW-165	04/18/2002	GROUNDWATER	124.50	134.50	46.00	56.00
W165M3A	MW-165	04/19/2002	GROUNDWATER	94.50	104.50	16.00	26.00
W169M1A	MW-169	04/11/2002	GROUNDWATER	154.00	159.00	154.00	159.00
W169M2A	MW-169	04/11/2002	GROUNDWATER	113.50	118.50	113.00	118.00
W171M1A	MW-171	04/12/2002	GROUNDWATER	141.00	146.00	143.00	148.00
W171M2A	MW-171	04/11/2002	GROUNDWATER	81.00	86.00	83.00	88.00
W171M3A	MW-171	04/11/2002	GROUNDWATER	29.00	34.00	31.00	36.00
W173M1A	MW-173	04/23/2002	GROUNDWATER	243.00	253.00	104.20	114.20
W173M2A	MW-173	04/19/2002	GROUNDWATER	208.00	218.00	72.20	82.20
W173M3A	MW-173	04/19/2002	GROUNDWATER	188.00	198.00	52.20	62.20
W175M1A	MW-175	04/18/2002	GROUNDWATER	264.00	274.00	136.40	146.40
W175M2A	MW-175	04/18/2002	GROUNDWATER	199.00	209.00	71.66	81.66
W175M3A	MW-175	04/18/2002	GROUNDWATER	162.00	167.00	34.65	39.65
W175M3D	MW-175	04/18/2002	GROUNDWATER	162.00	167.00	34.65	39.65
W177M1A	MW-177	04/09/2002	GROUNDWATER	375.00	385.00	185.70	195.70
W177M2A	MW-177	04/09/2002	GROUNDWATER	278.00	288.00	86.30	96.30
W179DDA	MW-179	04/15/2002	GROUNDWATER	329.00	339.00	188.10	198.10
W179M1A	MW-179	04/15/2002	GROUNDWATER	187.00	197.00	46.10	56.10
W186M1A	MW-186	04/08/2002	GROUNDWATER	202.00	212.00	79.50	89.50
W186M2A	MW-186	04/08/2002	GROUNDWATER	182.00	192.00	59.60	69.60
W19DDA	MW-19	04/23/2002	GROUNDWATER	293.00	298.00	254.00	259.00
W204M1A	MW-204	04/10/2002	GROUNDWATER	141.00	151.00	0.00	10.00
W204M2A	MW-204	04/10/2002	GROUNDWATER	76.00	86.00	17.20	27.20

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4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W205DDA	MW-205	04/10/2002	GROUNDWATER	266.00	276.00	167.60	177.60
W205M1A	MW-205	04/10/2002	GROUNDWATER	166.00	176.00	67.60	77.60
W207M1A	MW-207	04/16/2002	GROUNDWATER	245.00	264.00	100.52	119.52
W207M2A	MW-207	04/16/2002	GROUNDWATER	224.00	234.00	79.33	89.33
W208M1A	MW-208	04/16/2002	GROUNDWATER	195.00	205.00	51.18	66.18
W208M2A	MW-208	04/16/2002	GROUNDWATER	158.00	168.00	18.41	28.41
W208M2D	MW-208	04/16/2002	GROUNDWATER	158.00	168.00	18.41	28.41
W209M1A	MW-209	04/30/2002	GROUNDWATER	240.00	250.00	121.00	131.00
W209M2A	MW-209	04/30/2002	GROUNDWATER	220.00	230.00	110.00	120.00
W24SSA	MW-24	04/08/2002	GROUNDWATER	6.00	16.00	0.00	10.00
W31DDA	MW-31	04/22/2002	GROUNDWATER	133.00	138.00	48.00	53.00
W31MMA	MW-31	04/22/2002	GROUNDWATER	113.00	123.00	28.00	38.00
W31MMD	MW-31	04/22/2002	GROUNDWATER	113.00	123.00	28.00	38.00
W32DDA	MW-32	04/22/2002	GROUNDWATER	181.50	186.50	85.00	90.00
W32MMA	MW-32	04/22/2002	GROUNDWATER	161.50	171.50	65.00	75.00
W33DDA	MW-33	04/23/2002	GROUNDWATER	181.50	186.50	85.00	90.00
W33MMA	MW-33	04/23/2002	GROUNDWATER	161.50	171.50	65.00	75.00
W33SSA	MW-33	04/23/2002	GROUNDWATER	146.50	151.50	50.00	55.00
W34M1A	MW-34	04/24/2002	GROUNDWATER	131.00	141.00	53.00	63.00
W34M2A	MW-34	04/24/2002	GROUNDWATER	131.00	141.00	53.00	63.00
W34M3A	MW-34	04/24/2002	GROUNDWATER	111.00	121.00	33.00	43.00
W35M1A	MW-35	04/24/2002	GROUNDWATER	155.00	165.00	68.00	78.00
W35M2A	MW-35	04/24/2002	GROUNDWATER	100.00	110.00	13.00	23.00
W36M1A	MW-36	04/24/2002	GROUNDWATER	151.00	161.00	74.00	84.00
W36M2A	MW-36	04/24/2002	GROUNDWATER	131.00	141.00	54.00	64.00
W37M3A	MW-37	04/11/2002	GROUNDWATER	130.00	140.00	11.00	21.00
W45M2A	MW-45	04/29/2002	GROUNDWATER	110.00	120.00	18.00	28.00
W70M1A	MW-70	04/09/2002	GROUNDWATER	257.40	267.40	129.00	139.00
W70M1D	MW-70	04/09/2002	GROUNDWATER	257.40	267.40	129.00	139.00
W71M1A	MW-71	04/15/2002	GROUNDWATER	180.00	190.00	22.00	32.00
W71SSA	MW-71	04/15/2002	GROUNDWATER	158.00	168.00	0.00	10.00
W74M1A	MW-74	04/25/2002	GROUNDWATER	125.00	135.00	31.00	41.00
W74M2A	MW-74	04/25/2002	GROUNDWATER	125.00	135.00	31.00	41.00
W75M1A	MW-75	04/24/2002	GROUNDWATER	140.00	150.00	59.00	69.00
W75M2A	MW-75	04/25/2002	GROUNDWATER	115.00	125.00	34.00	44.00
W75M2A	MW-75	04/25/2002	GROUNDWATER	115.00	125.00	34.00	44.00
W76M1A	MW-76	04/24/2002	GROUNDWATER	125.00	135.00	58.00	68.00
W76M2A	MW-76	04/24/2002	GROUNDWATER	105.00	115.00	38.00	48.00
W76SSA	MW-76	04/24/2002	GROUNDWATER	85.00	95.00	18.00	28.00
W77M1A	MW-77	04/24/2002	GROUNDWATER	180.00	190.00	98.00	108.00
W77M2A	MW-77	04/24/2002	GROUNDWATER	120.00	130.00	38.00	48.00
W78M1A	MW-78	04/25/2002	GROUNDWATER	135.00	145.00	58.00	68.00
W78M2A	MW-78	04/25/2002	GROUNDWATER	115.00	125.00	38.00	48.00
W78M3A	MW-78	04/25/2002	GROUNDWATER	85.00	95.00	8.00	18.00
W79M1A	MW-79	04/25/2002	GROUNDWATER	156.00	166.00	67.00	77.00
W79M2A	MW-79	04/25/2002	GROUNDWATER	116.00	126.00	27.00	37.00

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4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W80DDA	MW-80	04/05/2002	GROUNDWATER	158.00	168.00	114.00	124.00
W80M1A	MW-80	04/04/2002	GROUNDWATER	130.00	140.00	86.00	96.00
W82DDA	MW-82	04/06/2002	GROUNDWATER	125.00	135.00	97.00	107.00
W82M1A	MW-82	04/05/2002	GROUNDWATER	104.00	114.00	76.00	86.00
W82M2A	MW-82	04/05/2002	GROUNDWATER	78.00	88.00	50.00	60.00
W82M3A	MW-82	04/06/2002	GROUNDWATER	54.00	64.00	26.00	36.00
W82SSA	MW-82	04/05/2002	GROUNDWATER	25.00	35.00	0.00	10.00
WIMBREL-DSTA	WIMBREL-DST	04/24/2002	GROUNDWATER				
WS4-AAA	WS-4	04/12/2002	GROUNDWATER		210.00		139.85
WS-4ADA	WS-4AD	04/08/2002	GROUNDWATER	218.00	228.00	148.30	158.30
WS-4ASA	WS-4AS	04/06/2002	GROUNDWATER	155.00	165.00	85.50	95.50
WS4-BAA	WS-4	04/12/2002	GROUNDWATER		210.00		139.85
DW040802	GAC WATER	04/08/2002	IDW	0.00	0.00		
DW041502	GAC WATER	04/15/2002	IDW	0.00	0.00		
DW041602	GAC WATER	04/16/2002	IDW	0.00	0.00		
DW041802	GAC WATER	04/18/2002	IDW	0.00	0.00		
DW042302	GAC WATER	04/23/2002	IDW	0.00	0.00		
DW042402	GAC WATER	04/24/2002	IDW	0.00	0.00		
DW042602	GAC WATER	04/26/2002	IDW	0.00	0.00		
DW042902	GAC WATER	04/29/2002	IDW	0.00	0.00		
SC02-02A	SOIL CUTTINGS	04/11/2002	IDW				
SC02-03A	SOIL CUTTINGS	04/11/2002	IDW				
SC02-05A	SOIL CUTTINGS	04/11/2002	IDW				
SC02-08A	SOIL CUTTINGS	04/11/2002	IDW				
SC02-08D	SOIL CUTTINGS	04/11/2002	IDW				
SC02-09A	SOIL CUTTINGS	04/11/2002	IDW				
W199M1A	PESAMP	04/11/2002	PESAMP				
W199M2A	PESAMP	04/11/2002	PESAMP				
W199M3A	PESAMP	04/11/2002	PESAMP				
W199SSA	PESAMP	04/11/2002	PESAMP				
FS12TSEF	FS12TSEF	04/02/2002	PROCESS WATEF	0.00	0.00		
FS12TSIN	FS12TSIN	04/02/2002	PROCESS WATEF	0.00	0.00		
G02-04DAA	02-04	04/08/2002	PROFILE	60.00	60.00	12.00	12.00
G02-04DBA	02-04	04/08/2002	PROFILE	70.00	70.00	22.00	22.00
G02-04DCA	02-04	04/08/2002	PROFILE	80.00	80.00	32.00	32.00
G02-04DDA	02-04	04/08/2002	PROFILE	90.00	90.00	42.00	42.00
G02-04DEA	02-04	04/08/2002	PROFILE	100.00	100.00	52.00	52.00
G02-04DFA	02-04	04/08/2002	PROFILE	110.00	110.00	62.00	62.00
G02-04DGA	02-04	04/08/2002	PROFILE	120.00	120.00	72.00	72.00
G02-04DHA	02-04	04/08/2002	PROFILE	130.00	130.00	82.00	82.00
G02-04DIA	02-04	04/09/2002	PROFILE	140.00	140.00	92.00	92.00
G02-04DJA	02-04	04/09/2002	PROFILE	150.00	150.00	102.00	102.00
G02-07DAA	02-07	04/09/2002	PROFILE	33.00	35.00	0.80	2.80
G02-07DBA	02-07	04/09/2002	PROFILE	40.00	40.00	7.80	7.80
G02-07DCA	02-07	04/09/2002	PROFILE	50.00	50.00	17.80	17.80
G02-07DDA	02-07	04/09/2002	PROFILE	60.00	60.00	27.80	27.80

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4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G02-07DEA	02-07	04/09/2002	PROFILE	70.00	70.00	37.80	37.80
G02-07DFA	02-07	04/09/2002	PROFILE	80.00	80.00	47.80	47.80
G02-07DGA	02-07	04/09/2002	PROFILE	90.00	90.00	57.80	57.80
G02-07DHA	02-07	04/09/2002	PROFILE	100.00	100.00	67.80	67.80
G02-07DIA	02-07	04/09/2002	PROFILE	110.00	110.00	77.80	77.80
G02-07DJA	02-07	04/09/2002	PROFILE	120.00	120.00	87.80	87.80
G02-07DKA	02-07	04/09/2002	PROFILE	130.00	130.00	97.80	97.80
G02-07DLA	02-07	04/09/2002	PROFILE	140.00	140.00	107.80	107.80
G02-07DMA	02-07	04/10/2002	PROFILE	150.00	150.00	117.80	117.80
G02-08DAA	02-08	04/01/2002	PROFILE	30.00	30.00	10.00	10.00
G02-08DBA	02-08	04/02/2002	PROFILE	40.00	40.00	20.00	20.00
G02-08DCA	02-08	04/02/2002	PROFILE	50.00	50.00	30.00	30.00
G02-08DDA	02-08	04/02/2002	PROFILE	60.00	60.00	40.00	40.00
G02-08DEA	02-08	04/02/2002	PROFILE	70.00	70.00	50.00	50.00
G02-08DFA	02-08	04/02/2002	PROFILE	80.00	80.00	60.00	60.00
G02-08DGA	02-08	04/02/2002	PROFILE	90.00	90.00	70.00	70.00
G02-08DHA	02-08	04/02/2002	PROFILE	100.00	100.00	80.00	80.00
G02-08DIA	02-08	04/02/2002	PROFILE	110.00	110.00	90.00	90.00
G02-08DID	02-08	04/02/2002	PROFILE	110.00	110.00	90.00	90.00
G02-08DJA	02-08	04/03/2002	PROFILE	120.00	120.00	100.00	100.00
G02-08DKA	02-08	04/03/2002	PROFILE	130.00	130.00	110.00	110.00
G02-10DAA	02-10	04/11/2002	PROFILE	50.00	50.00	10.50	10.50
G02-10DBA	02-10	04/11/2002	PROFILE	60.00	60.00	20.50	20.50
G02-10DCA	02-10	04/11/2002	PROFILE	70.00	70.00	30.50	30.50
G02-10DDA	02-10	04/12/2002	PROFILE	80.00	80.00	40.50	40.50
G02-10DEA	02-10	04/12/2002	PROFILE	90.00	90.00	50.50	50.50
G02-10DFA	02-10	04/12/2002	PROFILE	100.00	100.00	60.50	60.50
G02-10DGA	02-10	04/12/2002	PROFILE	110.00	110.00	70.50	70.50
G02-10DHA	02-10	04/15/2002	PROFILE	120.00	120.00	80.50	80.50
G02-10DHD	02-10	04/15/2002	PROFILE	120.00	120.00	80.50	80.50
G02-10DIA	02-10	04/15/2002	PROFILE	130.00	130.00	90.50	90.50
G02-10DJA	02-10	04/15/2002	PROFILE	140.00	140.00	100.50	100.50
G02-10DKA	02-10	04/15/2002	PROFILE	150.00	150.00	110.50	110.50
G02-10DLA	02-10	04/15/2002	PROFILE	159.30	159.30	119.80	119.80
G02-13DCA	02-13	04/01/2002	PROFILE	60.00	60.00	22.20	22.20
G02-13DDA	02-13	04/01/2002	PROFILE	70.00	70.00	32.20	32.20
G02-13DEA	02-13	04/01/2002	PROFILE	80.00	80.00	42.20	42.20
G02-13DFA	02-13	04/01/2002	PROFILE	90.00	90.00	52.20	52.20
G02-13DGA	02-13	04/01/2002	PROFILE	100.00	100.00	62.20	62.20
G02-13DGD	02-13	04/01/2002	PROFILE	100.00	100.00	62.20	62.20
G02-13DHA	02-13	04/01/2002	PROFILE	110.00	110.00	72.20	72.20
G02-13DIA	02-13	04/02/2002	PROFILE	120.00	120.00	82.20	82.20
G02-13DJA	02-13	04/02/2002	PROFILE	130.00	130.00	92.20	92.20
G02-13DKA	02-13	04/03/2002	PROFILE	140.00	140.00	102.20	102.20
G02-13DLA	02-13	04/03/2002	PROFILE	148.00	148.00	110.20	110.20
G02-15DAA	02-15	04/25/2002	PROFILE	50.00	50.00	0.00	10.00

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
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TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G02-15DBA	02-15	04/26/2002	PROFILE	60.00	60.00	9.80	9.80
G02-15DCA	02-15	04/29/2002	PROFILE	70.00	70.00	19.80	19.80
G02-15DDA	02-15	04/29/2002	PROFILE	80.00	80.00	29.80	29.80
G02-15DEA	02-15	04/29/2002	PROFILE	90.00	90.00	39.80	39.80
G02-15DFA	02-15	04/29/2002	PROFILE	100.00	100.00	49.80	49.80
G02-15DGA	02-15	04/29/2002	PROFILE	110.00	110.00	59.80	59.80
G02-15DHA	02-15	04/30/2002	PROFILE	120.00	120.00	69.80	69.80
G02-15DIA	02-15	04/30/2002	PROFILE	130.00	130.00	79.80	79.80
G02-15DJA	02-15	04/30/2002	PROFILE	140.00	140.00	89.80	89.80
G02-15DKA	02-15	04/30/2002	PROFILE	150.00	150.00	99.80	99.80
G02-15DLA	02-15	04/30/2002	PROFILE	160.00	160.00	109.80	109.80
G02-15DMA	02-15	04/30/2002	PROFILE	164.00	164.00	113.80	113.80
G211DAA	MW-211	04/10/2002	PROFILE	150.00	150.00	7.00	7.00
G211DBA	MW-211	04/10/2002	PROFILE	160.00	160.00	17.00	17.00
G211DCA	MW-211	04/10/2002	PROFILE	170.00	170.00	27.00	27.00
G211DDA	MW-211	04/10/2002	PROFILE	180.00	180.00	37.00	37.00
G211DEA	MW-211	04/10/2002	PROFILE	190.00	190.00	47.00	47.00
G211DFA	MW-211	04/11/2002	PROFILE	200.00	200.00	57.00	57.00
G211DGA	MW-211	04/11/2002	PROFILE	210.00	210.00	67.00	67.00
G211DJA	MW-211	04/12/2002	PROFILE	240.00	240.00	97.00	97.00
G211DKA	MW-211	04/12/2002	PROFILE	250.00	250.00	107.00	107.00
G211DLA	MW-211	04/15/2002	PROFILE	260.00	260.00	117.00	117.00
G211DNA	MW-211	04/15/2002	PROFILE	280.00	280.00	137.00	137.00
G211DND	MW-211	04/15/2002	PROFILE	280.00	280.00	137.00	137.00
G211DOA	MW-211	04/15/2002	PROFILE	290.00	290.00	147.00	147.00
G211DPA	MW-211	04/15/2002	PROFILE	300.00	300.00	157.00	157.00
G211DQA	MW-211	04/16/2002	PROFILE	310.00	310.00	167.00	167.00
G211DRA	MW-211	04/16/2002	PROFILE	320.00	320.00	177.00	177.00
G211DSA	MW-211	04/16/2002	PROFILE	330.00	330.00	187.00	187.00
G212DAA	MW-212	04/18/2002	PROFILE	220.00	220.00	11.70	11.70
G212DBA	MW-212	04/18/2002	PROFILE	230.00	230.00	21.70	21.70
G212DCA	MW-212	04/18/2002	PROFILE	240.00	240.00	31.70	31.70
G212DDA	MW-212	04/18/2002	PROFILE	250.00	250.00	41.70	41.70
G212DEA	MW-212	04/18/2002	PROFILE	260.00	260.00	51.70	51.70
G212DFA	MW-212	04/19/2002	PROFILE	270.00	270.00	61.70	61.70
G212DGA	MW-212	04/19/2002	PROFILE	280.00	280.00	71.70	71.70
G212DHA	MW-212	04/19/2002	PROFILE	290.00	290.00	81.70	81.70
G212DIA	MW-212	04/23/2002	PROFILE	300.00	300.00	91.70	91.70
G212DJA	MW-212	04/23/2002	PROFILE	310.00	310.00	101.70	101.70
G212DKA	MW-212	04/23/2002	PROFILE	320.00	320.00	111.70	111.70
G212DLA	MW-212	04/23/2002	PROFILE	330.00	330.00	121.70	121.70
G212DMA	MW-212	04/24/2002	PROFILE	340.00	340.00	131.70	131.70
G212DNA	MW-212	04/24/2002	PROFILE	350.00	350.00	141.70	141.70
G212DOA	MW-212	04/24/2002	PROFILE	360.00	360.00	151.70	151.70
G212DPA	MW-212	04/24/2002	PROFILE	370.00	370.00	161.70	161.70
G213DAA	MW-213	04/17/2002	PROFILE	50.00	50.00	1.47	1.47

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TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G213DBA	MW-213	04/17/2002	PROFILE	60.00	60.00	11.47	11.47
G213DCA	MW-213	04/17/2002	PROFILE	70.00	70.00	21.47	21.47
G213DDA	MW-213	04/17/2002	PROFILE	80.00	80.00	31.47	31.47
G213DEA	MW-213	04/17/2002	PROFILE	90.00	90.00	41.47	41.47
G213DFA	MW-213	04/18/2002	PROFILE	100.00	100.00	51.47	51.47
G213DGA	MW-213	04/18/2002	PROFILE	110.00	110.00	61.47	61.47
G213DHA	MW-213	04/18/2002	PROFILE	120.00	120.00	71.47	71.47
G213DIA	MW-213	04/18/2002	PROFILE	130.00	130.00	81.47	81.47
G213DJA	MW-213	04/18/2002	PROFILE	140.00	140.00	91.47	91.47
G213DKA	MW-213	04/18/2002	PROFILE	150.00	150.00	101.47	101.47
G213DLA	MW-213	04/19/2002	PROFILE	160.00	160.00	111.47	111.47
G213DMA	MW-213	04/19/2002	PROFILE	170.00	170.00	121.47	121.47
G213DNA	MW-213	04/19/2002	PROFILE	180.00	180.00	131.47	131.47
G213DOA	MW-213	04/19/2002	PROFILE	190.00	190.00	141.47	141.47
G213DPA	MW-213	04/19/2002	PROFILE	200.00	200.00	151.47	151.47
G213DPD	MW-213	04/19/2002	PROFILE	200.00	200.00	151.47	151.47
G213DQA	MW-213	04/19/2002	PROFILE	210.00	210.00	161.47	161.47
G213DRA	MW-213	04/19/2002	PROFILE	220.00	220.00	171.47	171.47
G213DSA	MW-213	04/19/2002	PROFILE	230.00	230.00	181.47	181.47
G213DTA	MW-213	04/19/2002	PROFILE	240.00	240.00	191.47	191.47
G213DUA	MW-213	04/19/2002	PROFILE	246.00	246.00	197.47	197.47
G214DAA	MW-214	04/29/2002	PROFILE	100.00	100.00	12.40	12.40
G214DBA	MW-214	04/29/2002	PROFILE	110.00	110.00	22.40	22.40
G214DCA	MW-214	04/29/2002	PROFILE	120.00	120.00	32.40	32.40
G214DDA	MW-214	04/29/2002	PROFILE	130.00	130.00	42.40	42.40
G214DEA	MW-214	04/29/2002	PROFILE	140.00	140.00	52.40	52.40
G214DFA	MW-214	04/29/2002	PROFILE	150.00	150.00	62.40	62.40
G214DFD	MW-214	04/29/2002	PROFILE	150.00	150.00	62.40	62.40
G214DGA	MW-214	04/29/2002	PROFILE	160.00	160.00	72.40	72.40
G214DHA	MW-214	04/29/2002	PROFILE	170.00	170.00	82.40	82.40
G214DIA	MW-214	04/30/2002	PROFILE	180.00	180.00	92.40	92.40
G214DJA	MW-214	04/30/2002	PROFILE	190.00	190.00	102.40	102.40
G214DKA	MW-214	04/30/2002	PROFILE	200.00	200.00	112.40	112.40
G214DLA	MW-214	04/30/2002	PROFILE	210.00	210.00	122.40	122.40
G214DMA	MW-214	04/30/2002	PROFILE	220.00	220.00	132.40	132.40
G214DNA	MW-214	04/30/2002	PROFILE	230.00	230.00	142.40	142.40
G214DOA	MW-214	04/30/2002	PROFILE	240.00	240.00	152.40	152.40
G214DPA	MW-214	04/30/2002	PROFILE	250.00	250.00	162.40	162.40
G214DQA	MW-214	04/30/2002	PROFILE	260.00	260.00	172.40	172.40
G214DRA	MW-214	04/30/2002	PROFILE	270.00	270.00	182.40	182.40
G214DSA	MW-214	04/30/2002	PROFILE	280.00	280.00	192.40	192.40
G214DTA	MW-214	04/30/2002	PROFILE	290.00	290.00	202.40	202.40
T3.B.0I.019.1.0	T3.0I.019.R	04/03/2002	SOIL BRUSHING	0.00	0.00		
HC05AAA1AAA	05AAA	04/30/2002	SOIL GRID	0.00	0.50		
HC05AAA1BAA	05AAA	04/30/2002	SOIL GRID	0.50	1.00		
HC05AAA1CAA	05AAA	04/30/2002	SOIL GRID	1.00	2.00		

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TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC05EAA1AAA	05EAA	04/30/2002	SOIL GRID	0.00	0.50		
HC05EAA1BAA	05EAA	04/30/2002	SOIL GRID	0.50	1.00		
HC05EAA1CAA	05EAA	04/30/2002	SOIL GRID	1.00	2.00		
HC05EBA1AAA	05EBA	04/29/2002	SOIL GRID	0.00	0.50		
HC05EBA1BAA	05EBA	04/29/2002	SOIL GRID	0.50	1.00		
HC05EBA1CAA	05EBA	04/29/2002	SOIL GRID	1.00	2.00		
HC05ECA1AAA	05ECA	04/29/2002	SOIL GRID	0.00	0.50		
HC05ECA1BAA	05ECA	04/29/2002	SOIL GRID	0.50	1.00		
HC05ECA1CAA	05ECA	04/29/2002	SOIL GRID	1.00	2.00		
HC05ECB1AAA	05ECB	04/29/2002	SOIL GRID	0.00	0.50		
HC05ECB1BAA	05ECB	04/29/2002	SOIL GRID	0.50	1.00		
HC05ECB1BAD	05ECB	04/29/2002	SOIL GRID	0.50	1.00		
HC05ECB1CAA	05ECB	04/29/2002	SOIL GRID	1.00	2.00		
HC05P1A1AAA	05P1A	04/30/2002	SOIL GRID	0.00	0.50		
HC05P1A1BAA	05P1A	04/30/2002	SOIL GRID	0.50	1.00		
HC05P1A1CAA	05P1A	04/30/2002	SOIL GRID	1.00	2.00		
HC05P1A1CAD	05P1A	04/30/2002	SOIL GRID	0.50	1.00		
HC05P1B1AAA	05P1B	04/30/2002	SOIL GRID	0.00	0.50		
HC05P1B1BAA	05P1B	04/30/2002	SOIL GRID	0.50	1.00		
HC05P1B1CAA	05P1B	04/30/2002	SOIL GRID	1.00	2.00		
HC05Q1A1AAA	05Q1A	04/29/2002	SOIL GRID	0.00	0.50		
HC05Q1A1BAA	05Q1A	04/29/2002	SOIL GRID	0.50	1.00		
HC05Q1A1CAA	05Q1A	04/29/2002	SOIL GRID	1.00	2.00		
HC05TA1AAA	05TA	04/30/2002	SOIL GRID	0.00	0.50		
HC05TA1BAA	05TA	04/30/2002	SOIL GRID	0.50	1.00		
HC05TA1CAA	05TA	04/30/2002	SOIL GRID	1.00	2.00		
HC05TB1AAA	05TA	04/30/2002	SOIL GRID	0.00	0.50		
HC05TB1BAA	05TB	04/30/2002	SOIL GRID	0.50	1.00		
HC05TB1BAD	05TB	04/30/2002	SOIL GRID	0.50	1.00		
HC05TB1CAA	05TB	04/30/2002	SOIL GRID	1.00	2.00		
HC127C1AAA	127C	04/11/2002	SOIL GRID	0.00	0.25		
HC127C1BAA	127C	04/11/2002	SOIL GRID	0.25	0.50		
HC127C1CAA	127C	04/11/2002	SOIL GRID	0.50	1.00		
HC127D1AAA	127D	04/11/2002	SOIL GRID	0.00	0.25		
HC127D1BAA	127D	04/11/2002	SOIL GRID	0.25	0.50		
HC127D1CAA	127D	04/11/2002	SOIL GRID	0.50	1.00		
HC127E1AAA	127E	04/11/2002	SOIL GRID	0.00	0.25		
HC127E1BAA	127E	04/11/2002	SOIL GRID	0.25	0.50		
HC127E1CAA	127E	04/11/2002	SOIL GRID	0.50	1.00		
HC127F1AAA	127F	04/11/2002	SOIL GRID	0.00	0.25		
HC127F1BAA	127F	04/11/2002	SOIL GRID	0.25	0.50		
HC127F1CAA	127F	04/11/2002	SOIL GRID	0.50	1.00		
HC127G1AAA	127G	04/11/2002	SOIL GRID	0.00	0.25		
HC127G1BAA	127G	04/11/2002	SOIL GRID	0.25	0.50		
HC127G1CAA	127G	04/11/2002	SOIL GRID	0.50	1.00		
HC128C1AAA	128C	04/02/2002	SOIL GRID	0.00	0.25		

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TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC128C1BAA	128C	04/02/2002	SOIL GRID	0.25	0.25		
HC128C1CAA	128C	04/02/2002	SOIL GRID	0.25	0.50		
HC128D1AAA	128D	04/02/2002	SOIL GRID	0.00	0.25		
HC128D1BAA	128D	04/02/2002	SOIL GRID	0.25	0.50		
HC128D1CAA	128D	04/02/2002	SOIL GRID	0.50	1.00		
HC137C1AAA	137C	04/25/2002	SOIL GRID	0.00	0.25		
HC137C1BAA	137C	04/25/2002	SOIL GRID	0.25	0.50		
HC137C1CAA	137C	04/25/2002	SOIL GRID	0.50	1.00		
HC137D1AAA	137D	04/25/2002	SOIL GRID	0.00	0.25		
HC137D1BAA	137D	04/25/2002	SOIL GRID	0.25	0.50		
HC137D1CAA	137D	04/25/2002	SOIL GRID	0.50	1.00		
HC159A1AAA	159A	04/01/2002	SOIL GRID	0.00	0.25		
HC159A1BAA	159A	04/01/2002	SOIL GRID	0.25	0.25		
HC159A1CAA	159A	04/01/2002	SOIL GRID	0.50	1.00		
HC159B1AAA	159B	04/01/2002	SOIL GRID	0.00	0.25		
HC159B1BAA	159B	04/01/2002	SOIL GRID	0.25	0.25		
HC159B1CAA	159B	04/01/2002	SOIL GRID	0.50	1.00		
HC159C1AAA	159C	04/01/2002	SOIL GRID	0.00	0.25		
HC159C1BAA	159C	04/01/2002	SOIL GRID	0.25	0.25		
HC159C1CAA	159C	04/01/2002	SOIL GRID	0.50	1.00		
HC159D1AAA	159D	04/02/2002	SOIL GRID	0.00	0.25		
HC159D1BAA	159D	04/02/2002	SOIL GRID	0.25	0.25		
HC159D1CAA	159D	04/02/2002	SOIL GRID	0.25	0.50		
HC159E1AAA	159E	04/02/2002	SOIL GRID	0.00	0.25		
HC159E1BAA	159E	04/02/2002	SOIL GRID	0.25	0.25		
HC159E1CAA	159E	04/02/2002	SOIL GRID	0.25	0.50		
HC160A1AAA	160A	04/03/2002	SOIL GRID	0.00	0.25		
HC160A1BAA	160A	04/03/2002	SOIL GRID	0.25	0.25		
HC160A1CAA	160A	04/03/2002	SOIL GRID	0.50	1.00		
HC160B1AAA	160B	04/03/2002	SOIL GRID	0.00	0.25		
HC160B1BAA	160B	04/03/2002	SOIL GRID	0.25	0.25		
HC160B1CAA	160B	04/03/2002	SOIL GRID	0.50	1.00		
HC160C1AAA	160C	04/03/2002	SOIL GRID	0.00	0.25		
HC160C1BAA	160C	04/03/2002	SOIL GRID	0.25	0.25		
HC160C1CAA	160C	04/03/2002	SOIL GRID	0.50	1.00		
HC161A1AAA	161A	04/03/2002	SOIL GRID	0.00	0.25		
HC161A1BAA	161A	04/03/2002	SOIL GRID	0.25	0.25		
HC161A1CAA	161A	04/03/2002	SOIL GRID	0.50	1.00		
HC161B1AAA	161B	04/04/2002	SOIL GRID	0.00	0.25		
HC161B1BAA	161B	04/04/2002	SOIL GRID	0.25	0.25		
HC161B1CAA	161B	04/04/2002	SOIL GRID	0.50	1.00		
HC161C1AAA	161C	04/04/2002	SOIL GRID	0.00	0.25		
HC161C1AAA	161C	04/04/2002	SOIL GRID	0.50	1.00		
HC161C1BAA	161C	04/04/2002	SOIL GRID	0.25	0.25		
HC162A1AAA	162A	04/04/2002	SOIL GRID	0.00	0.25		
HC162A1BAA	162A	04/04/2002	SOIL GRID	0.25	0.25		

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TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC162A1CAA	162A	04/04/2002	SOIL GRID	0.50	1.00		
HC162B1AAA	162B	04/04/2002	SOIL GRID	0.00	0.25		
HC162B1BAA	162B	04/04/2002	SOIL GRID	0.25	0.25		
HC162B1CAA	162B	04/04/2002	SOIL GRID	0.50	1.00		
HC162C1AAA	162C	04/05/2002	SOIL GRID	0.00	0.25		
HC162C1BAA	162C	04/05/2002	SOIL GRID	0.25	0.25		
HC162C1CAA	162C	04/05/2002	SOIL GRID	0.50	1.00		
HC162D1AAA	162D	04/05/2002	SOIL GRID	0.00	0.25		
HC162D1BAA	162D	04/05/2002	SOIL GRID	0.25	0.25		
HC162D1CAA	162D	04/05/2002	SOIL GRID	0.50	1.00		
HC162E1AAA	162E	04/05/2002	SOIL GRID	0.00	0.20		
HC162E1BAA	162E	04/05/2002	SOIL GRID	0.25	0.25		
HC162E1CAA	162E	04/05/2002	SOIL GRID	0.50	1.00		
HC162E1CAD	162E	04/05/2002	SOIL GRID	0.50	1.00		
HC162F1AAA	162F	04/05/2002	SOIL GRID	0.00	0.25		
HC162F1BAA	162F	04/05/2002	SOIL GRID	0.25	0.25		
HC162F1CAA	162F	04/05/2002	SOIL GRID	0.50	1.00		
HC162F1CAD	162F	04/05/2002	SOIL GRID	0.50	1.00		
HC162G1AAA	162G	04/05/2002	SOIL GRID	0.00	0.25		
HC162G1BAA	162G	04/05/2002	SOIL GRID	0.25	0.25		
HC162G1CAA	162G	04/05/2002	SOIL GRID	0.50	1.00		
HC162H1AAA	162H	04/05/2002	SOIL GRID	0.00	0.25		
HC162H1BAA	162H	04/05/2002	SOIL GRID	0.25	0.25		
HC162H1CAA	162H	04/05/2002	SOIL GRID	0.50	1.00		
HC162H1CAD	162H	04/05/2002	SOIL GRID	0.50	1.00		
HC162I1AAA	162I	04/08/2002	SOIL GRID	0.00	0.25		
HC162I1BAA	162I	04/08/2002	SOIL GRID	0.25	0.50		
HC162I1CAA	162I	04/08/2002	SOIL GRID	0.50	1.00		
HC162I1CAD	162I	04/08/2002	SOIL GRID	0.50	1.00		
HC162K1AAA	162K	04/08/2002	SOIL GRID	0.00	0.25		
HC162K1BAA	162K	04/08/2002	SOIL GRID	0.25	0.50		
HC162K1CAA	162K	04/08/2002	SOIL GRID	0.50	1.00		
HC163A1AAA	163A	04/08/2002	SOIL GRID	0.00	0.25		
HC163A1BAA	163A	04/08/2002	SOIL GRID	0.25	0.50		
HC163A1CAA	163A	04/08/2002	SOIL GRID	0.50	1.00		
HC163B1AAA	163B	04/08/2002	SOIL GRID	0.00	0.25		
HC163B1AAD	163B	04/08/2002	SOIL GRID	0.00	0.25		
HC163B1BAA	163B	04/08/2002	SOIL GRID	0.25	0.50		
HC163B1CAA	163B	04/08/2002	SOIL GRID	0.50	1.00		
HC164K1AAA	164K	04/09/2002	SOIL GRID	0.00	0.50		
HC164K1BAA	164K	04/09/2002	SOIL GRID	1.50	2.00		
HC164L1AAA	164L	04/09/2002	SOIL GRID	0.00	0.50		
HC164L1BAA	164L	04/09/2002	SOIL GRID	1.50	2.00		
HC166A1AAA	166A	04/09/2002	SOIL GRID	0.00	0.25		
HC166A1BAA	166A	04/09/2002	SOIL GRID	0.25	0.50		
HC166A1CAA	166A	04/09/2002	SOIL GRID	0.50	1.00		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
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
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC166B1AAA	166B	04/09/2002	SOIL GRID	0.00	0.25		
HC166B1BAA	166B	04/09/2002	SOIL GRID	0.25	0.50		
HC166B1CAA	166B	04/09/2002	SOIL GRID	0.50	1.00		
HC166C1AAA	166C	04/10/2002	SOIL GRID	0.00	0.25		
HC166C1BAA	166C	04/10/2002	SOIL GRID	0.25	0.50		
HC166C1CAA	166C	04/10/2002	SOIL GRID	0.50	1.00		
HC166D1AAA	166D	04/10/2002	SOIL GRID	0.00	0.25		
HC166D1BAA	166D	04/10/2002	SOIL GRID	0.25	0.50		
HC166D1CAA	166D	04/10/2002	SOIL GRID	0.50	1.00		
HC166E1AAA	166E	04/10/2002	SOIL GRID	0.00	0.25		
HC166E1BAA	166E	04/10/2002	SOIL GRID	0.25	0.50		
HC166E1CAA	166E	04/10/2002	SOIL GRID	0.50	1.00		
HC166F1AAA	166F	04/10/2002	SOIL GRID	0.00	0.25		
HC166F1BAA	166F	04/10/2002	SOIL GRID	0.25	0.50		
HC166F1CAA	166F	04/10/2002	SOIL GRID	0.50	1.00		
HC166G1AAA	166G	04/10/2002	SOIL GRID	0.00	0.25		
HC166G1BAA	166G	04/10/2002	SOIL GRID	0.25	0.50		
HC166G1CAA	166G	04/10/2002	SOIL GRID	0.50	1.00		
HC166H1AAA	166H	04/10/2002	SOIL GRID	0.00	0.25		
HC166H1BAA	166H	04/10/2002	SOIL GRID	0.25	0.50		
HC166H1CAA	166H	04/10/2002	SOIL GRID	0.50	1.00		
HC166I1AAA	166I	04/10/2002	SOIL GRID	0.00	0.25		
HC166I1BAA	166I	04/10/2002	SOIL GRID	0.25	0.50		
HC166I1CAA	166I	04/10/2002	SOIL GRID	0.50	1.00		
HC167A1AAA	167A	04/11/2002	SOIL GRID	0.00	0.25		
HC167A1BAA	167A	04/11/2002	SOIL GRID	0.25	0.50		
HC167A1CAA	167A	04/11/2002	SOIL GRID	0.50	1.00		
HC167B1AAA	167B	04/11/2002	SOIL GRID	0.00	0.25		
HC167B1BAA	167B	04/11/2002	SOIL GRID	0.25	0.50		
HC167B1CAA	167B	04/11/2002	SOIL GRID	0.50	1.00		
HC167C1AAA	167C	04/11/2002	SOIL GRID	0.00	0.25		
HC167C1BAA	167C	04/11/2002	SOIL GRID	0.25	0.50		
HC167C1CAA	167C	04/11/2002	SOIL GRID	0.50	1.00		
HC167D1AAA	167D	04/11/2002	SOIL GRID	0.00	0.25		
HC167D1BAA	167D	04/11/2002	SOIL GRID	0.25	0.50		
HC167D1CAA	167D	04/11/2002	SOIL GRID	0.50	1.00		
HC167E1AAA	167E	04/10/2002	SOIL GRID	0.00	0.25		
HC167E1BAA	167E	04/10/2002	SOIL GRID	0.25	0.50		
HC167E1CAA	167E	04/10/2002	SOIL GRID	0.50	1.00		
HC168A1AAA	168A	04/26/2002	SOIL GRID	0.00	0.25		
HC168A1BAA	168A	04/26/2002	SOIL GRID	0.25	0.50		
HC168A1CAA	168A	04/26/2002	SOIL GRID	0.50	1.00		
HC169A1AAA	169A	04/12/2002	SOIL GRID	0.00	0.25		
HC169A1BAA	169A	04/12/2002	SOIL GRID	0.25	0.50		
HC169A1CAA	169A	04/12/2002	SOIL GRID	0.50	1.00		
HC169B1AAA	169B	04/12/2002	SOIL GRID	0.00	0.25		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
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TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC169B1BAA	169B	04/12/2002	SOIL GRID	0.25	0.50		
HC169B1CAA	169B	04/12/2002	SOIL GRID	0.50	1.00		
HC169C1AAA	169C	04/12/2002	SOIL GRID	0.00	0.25		
HC169C1BAA	169C	04/12/2002	SOIL GRID	0.25	0.50		
HC169C1CAA	169C	04/12/2002	SOIL GRID	0.50	1.00		
HC169D1AAA	169D	04/12/2002	SOIL GRID	0.00	0.25		
HC169D1BAA	169D	04/12/2002	SOIL GRID	0.25	0.50		
HC169D1CAA	169D	04/12/2002	SOIL GRID	0.50	1.00		
HC169E1AAA	169E	04/12/2002	SOIL GRID	0.00	0.25		
HC169E1BAA	169E	04/12/2002	SOIL GRID	0.25	0.50		
HC169E1CAA	169E	04/12/2002	SOIL GRID	0.50	1.00		
HC169F1AAA	169F	04/12/2002	SOIL GRID	0.00	0.25		
HC169F1BAA	169F	04/12/2002	SOIL GRID	0.25	0.50		
HC169F1CAA	169F	04/12/2002	SOIL GRID	0.50	1.00		
HC170A1AAA	170A	04/22/2002	SOIL GRID	0.00	0.50		
HC170A1BAA	170A	04/22/2002	SOIL GRID	1.50	2.00		
HC170B1AAA	170B	04/22/2002	SOIL GRID	0.00	0.50		
HC170B1BAA	170B	04/22/2002	SOIL GRID	1.50	2.00		
HC171A1AAA	171A	04/22/2002	SOIL GRID	0.00	0.25		
HC171A1BAA	171A	04/22/2002	SOIL GRID	0.25	0.50		
HC171A1CAA	171A	04/22/2002	SOIL GRID	0.50	1.00		
HC171B1AAA	171B	04/22/2002	SOIL GRID	0.00	0.25		
HC171B1BAA	171B	04/22/2002	SOIL GRID	0.25	0.50		
HC171B1CAA	171B	04/22/2002	SOIL GRID	0.50	1.00		
HC171C1AAA	171C	04/22/2002	SOIL GRID	0.00	0.25		
HC171C1BAA	171C	04/22/2002	SOIL GRID	0.25	0.50		
HC171C1CAA	171C	04/22/2002	SOIL GRID	0.50	1.00		
HC171D1AAA	171D	04/23/2002	SOIL GRID	0.00	0.25		
HC171D1BAA	171D	04/23/2002	SOIL GRID	0.25	0.50		
HC171D1CAA	171D	04/23/2002	SOIL GRID	0.50	1.00		
HC171E1AAA	171E	04/23/2002	SOIL GRID	0.00	0.25		
HC171E1BAA	171E	04/23/2002	SOIL GRID	0.25	0.50		
HC171E1CAA	171E	04/23/2002	SOIL GRID	0.50	1.00		
HC171F1AAA	171F	04/23/2002	SOIL GRID	0.00	0.25		
HC171F1BAA	171F	04/23/2002	SOIL GRID	0.25	0.50		
HC171F1CAA	171F	04/23/2002	SOIL GRID	0.50	1.00		
HC174A1AAA	174A	04/17/2002	SOIL GRID	0.00	0.25		
HC174A1BAA	174A	04/17/2002	SOIL GRID	0.25	0.50		
HC174A1CAA	174A	04/17/2002	SOIL GRID	0.50	1.00		
HC174B1AAA	174B	04/18/2002	SOIL GRID	0.00	0.25		
HC174B1BAA	174B	04/18/2002	SOIL GRID	0.25	0.50		
HC174B1CAA	174B	04/18/2002	SOIL GRID	0.50	1.00		
HC175A1AAA	175A	04/18/2002	SOIL GRID	0.00	0.25		
HC175A1BAA	175A	04/18/2002	SOIL GRID	0.25	0.50		
HC175A1CAA	175A	04/18/2002	SOIL GRID	0.50	1.00		
HC175B1AAA	175B	04/18/2002	SOIL GRID	0.00	0.25		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
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TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC175B1BAA	175B	04/18/2002	SOIL GRID	0.25	0.50		
HC175B1CAA	175B	04/18/2002	SOIL GRID	0.50	1.00		
HC176A1AAA	176A	04/19/2002	SOIL GRID	0.00	0.25		
HC176A1BAA	176A	04/19/2002	SOIL GRID	0.25	0.50		
HC176A1CAA	176A	04/19/2002	SOIL GRID	0.50	1.00		
HC176B1AAA	176B	04/19/2002	SOIL GRID	0.00	0.25		
HC176B1BAA	176B	04/19/2002	SOIL GRID	0.25	0.50		
HC176B1CAA	176B	04/19/2002	SOIL GRID	0.50	1.00		
HC17F1AAA	17F	04/25/2002	SOIL GRID	0.00	0.50		
HC17F1BAA	17F	04/25/2002	SOIL GRID	1.50	2.00		
HC17K1AAA	17K	04/25/2002	SOIL GRID	0.00	0.50		
HC17K1BAA	17K	04/25/2002	SOIL GRID	1.50	2.00		
HC17L1AAA	17L	04/25/2002	SOIL GRID	0.00	0.50		
HC17L1BAA	17L	04/25/2002	SOIL GRID	1.50	2.00		
HC17LB1AAA	17LB	04/26/2002	SOIL GRID	1.50	2.00		
HC17LB1AAD	17LB	04/25/2002	SOIL GRID	1.50	2.00		
HC17LB1BAA	17LB	04/26/2002	SOIL GRID	0.00	0.50		
HC17O1AAA	17O	04/25/2002	SOIL GRID	0.00	0.50		
HC17O1BAA	17O	04/25/2002	SOIL GRID	1.50	2.00		
HC17P1AAA	17P	04/26/2002	SOIL GRID	0.00	0.50		
HC17P1BAA	17P	04/26/2002	SOIL GRID	1.50	2.00		
HC17Q1AAA	17Q	04/25/2002	SOIL GRID	0.00	0.50		
HC17Q1BAA	17Q	04/25/2002	SOIL GRID	1.50	2.00		
HC58A1AAA	58A	04/26/2002	SOIL GRID	0.00	0.50		
HC58A1BAA	58A	04/26/2002	SOIL GRID	1.50	2.00		
HC58C1AAA	58C	04/26/2002	SOIL GRID	0.00	0.50		
HC58C1BAA	58C	04/26/2002	SOIL GRID	1.50	2.00		
HC58E1AAA	58E	04/26/2002	SOIL GRID	0.00	0.50		
HC58E1BAA	58E	04/26/2002	SOIL GRID	1.50	2.00		
HC58G1AAA	58G	04/26/2002	SOIL GRID	0.00	0.50		
HC58G1AAD	58G	04/26/2002	SOIL GRID	0.00	0.50		
HC58G1BAA	58G	04/26/2002	SOIL GRID	1.50	2.00		
HC58H1AAA	58H	04/26/2002	SOIL GRID	0.00	0.50		
HC58H1BAA	58H	04/26/2002	SOIL GRID	1.50	2.00		
HC58I1AAA	58I	04/26/2002	SOIL GRID	0.00	0.50		
HC58I1BAA	58I	04/26/2002	SOIL GRID	1.50	2.00		
HC59A1AAA	59A	04/29/2002	SOIL GRID	0.00	0.50		
HC59A1BAA	59A	04/29/2002	SOIL GRID	1.50	2.00		
HC59B1AAA	59B	04/26/2002	SOIL GRID	0.00	0.50		
HC59B1BAA	59B	04/29/2002	SOIL GRID	1.50	2.00		
HC59G1AAA	59G	04/29/2002	SOIL GRID	0.00	0.50		
HC59G1BAA	59G	04/29/2002	SOIL GRID	1.50	2.00		
HC59H1AAA	59H	04/29/2002	SOIL GRID	0.00	0.50		
HC59H1BAA	59H	04/29/2002	SOIL GRID	1.50	2.00		
HC59I1AAA	59I	04/26/2002	SOIL GRID	0.00	0.50		
HC59I1BAA	59I	04/26/2002	SOIL GRID	1.50	2.00		

Profiling methods include: Volatiles and Explosives
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TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC60A1AAA	60A	04/29/2002	SOIL GRID	0.00	0.50		
HC60A1BAA	60A	04/29/2002	SOIL GRID	1.50	2.00		
HC60B1AAA	60B	04/29/2002	SOIL GRID	0.00	0.50		
HC60B1BAA	60B	04/29/2002	SOIL GRID	1.50	2.00		
HC60C1AAA	60C	04/30/2002	SOIL GRID	0.00	0.50		
HC60C1BAA	60C	04/30/2002	SOIL GRID	1.50	2.00		
HC60D1AAA	60D	04/30/2002	SOIL GRID	0.00	0.50		
HC60D1BAA	60D	04/30/2002	SOIL GRID	1.50	2.00		
HC60D1BAD	60D	04/30/2002	SOIL GRID	1.50	2.00		
HC60E1AAA	60E	04/29/2002	SOIL GRID	0.00	0.50		
HC60E1BAA	60E	04/29/2002	SOIL GRID	1.50	2.00		
HC60I1AAA	60I	04/29/2002	SOIL GRID	0.00	0.50		
HC60I1BAA	60I	04/29/2002	SOIL GRID	1.50	2.00		
HC60J1AAA	60J	04/29/2002	SOIL GRID	0.00	0.50		
HC60J1BAA	60J	04/29/2002	SOIL GRID	1.50	2.00		
HC60K1AAA	60K	04/30/2002	SOIL GRID	0.00	0.50		
HC60K1BAA	60K	04/30/2002	SOIL GRID	1.50	2.00		
HC64J1AAA	64J	04/30/2002	SOIL GRID	0.00	0.50		
HC64J1BAA	64J	04/30/2002	SOIL GRID	1.50	2.00		
HC64M1AAA	64M	04/30/2002	SOIL GRID	0.00	0.50		
HC64M1BAA	64M	04/30/2002	SOIL GRID	1.50	2.00		
HD05P1B5CAA	05P1B	04/30/2002	SOIL GRID	1.00	2.00		
HD05TA1AAA	05TA	04/30/2002	SOIL GRID	0.00	0.50		
HD08F1AAA	08F	04/23/2002	SOIL GRID	0.00	0.50		
HD08G1AAA	08G	04/23/2002	SOIL GRID	0.00	0.50		
HD08H1AAA	08H	04/23/2002	SOIL GRID	0.00	0.50		
HD127C3AAA	127C	04/11/2002	SOIL GRID	0.00	0.25		
HD127C3BAA	127C	04/11/2002	SOIL GRID	0.25	0.50		
HD127C3CAA	127C	04/11/2002	SOIL GRID	0.50	1.00		
HD127D3AAA	127D	04/11/2002	SOIL GRID	0.00	0.25		
HD127D3BAA	127D	04/11/2002	SOIL GRID	0.25	0.50		
HD127D3CAA	127D	04/11/2002	SOIL GRID	0.50	1.00		
HD127D3CAD	127D	04/11/2002	SOIL GRID	0.50	1.00		
HD127E3AAA	127E	04/11/2002	SOIL GRID	0.00	0.25		
HD127E3BAA	127E	04/11/2002	SOIL GRID	0.25	0.50		
HD127E3CAA	127E	04/11/2002	SOIL GRID	0.50	1.00		
HD127E3CAD	127E	04/11/2002	SOIL GRID	0.50	1.00		
HD127F3AAA	127F	04/11/2002	SOIL GRID	0.00	0.25		
HD127F3BAA	127F	04/11/2002	SOIL GRID	0.25	0.50		
HD127F3CAA	127F	04/11/2002	SOIL GRID	0.50	1.00		
HD127G3AAA	127G	04/11/2002	SOIL GRID	0.00	0.25		
HD127G3BAA	127G	04/11/2002	SOIL GRID	0.25	0.50		
HD127G3CAA	127G	04/11/2002	SOIL GRID	0.50	1.00		
HD127G3CAD	127G	04/11/2002	SOIL GRID	0.50	1.00		
HD128C3AAA	128C	04/02/2002	SOIL GRID	0.00	0.25		
HD128C3BAA	128C	04/02/2002	SOIL GRID	0.25	0.25		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
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TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD128C3CAA	128C	04/02/2002	SOIL GRID	0.50	1.00		
HD128D3AAA	128D	04/02/2002	SOIL GRID	0.00	0.25		
HD128D3BAA	128D	04/02/2002	SOIL GRID	0.25	0.50		
HD128D3CAA	128D	04/02/2002	SOIL GRID	0.50	1.00		
HD128E1AAA	128E	04/03/2002	SOIL GRID	0.00	0.50		
HD128E1BAA	128E	04/03/2002	SOIL GRID	1.50	2.00		
HD128E1BAD	128E	04/03/2002	SOIL GRID	1.50	2.00		
HD128F1AAA	128F	04/03/2002	SOIL GRID	0.00	0.50		
HD128F1BAA	128F	04/03/2002	SOIL GRID	1.50	2.00		
HD128G1AAA	128G	04/03/2002	SOIL GRID	0.00	0.50		
HD128G1BAA	128G	04/03/2002	SOIL GRID	1.50	2.00		
HD129E1AAA	129E	04/24/2002	SOIL GRID	0.00	0.50		
HD129E1BAA	129E	04/24/2002	SOIL GRID	1.50	2.00		
HD129F1AAA	129F	04/24/2002	SOIL GRID	0.00	0.50		
HD129F1BAA	129F	04/24/2002	SOIL GRID	1.50	2.00		
HD129G1AAA	129G	04/24/2002	SOIL GRID	0.00	0.50		
HD129G1BAA	129G	04/24/2002	SOIL GRID	1.50	2.00		
HD135I1AAA	135I	04/16/2002	SOIL GRID	0.00	0.50		
HD135I1BAA	135I	04/16/2002	SOIL GRID	1.50	2.00		
HD135J1AAA	135J	04/16/2002	SOIL GRID	0.00	0.50		
HD135J1BAA	135J	04/16/2002	SOIL GRID	1.50	2.00		
HD135K1AAA	135K	04/16/2002	SOIL GRID	0.00	0.50		
HD135K1BAA	135K	04/16/2002	SOIL GRID	1.50	2.00		
HD135L1AAA	135L	04/16/2002	SOIL GRID	0.00	0.50		
HD135L1BAA	135L	04/16/2002	SOIL GRID	1.50	2.00		
HD135M1AAA	135M	04/16/2002	SOIL GRID	0.00	0.50		
HD135M1BAA	135M	04/16/2002	SOIL GRID	1.50	2.00		
HD135N1AAA	135N	04/16/2002	SOIL GRID	0.00	0.50		
HD135N1BAA	135N	04/16/2002	SOIL GRID	1.50	2.00		
HD135O1AAA	135O	04/16/2002	SOIL GRID	0.00	0.50		
HD135O1BAA	135O	04/16/2002	SOIL GRID	1.50	2.00		
HD135P1AAA	135P	04/16/2002	SOIL GRID	0.00	0.50		
HD135P1BAA	135P	04/16/2002	SOIL GRID	1.50	2.00		
HD135Q1AAA	135Q	04/16/2002	SOIL GRID	0.00	0.50		
HD135Q1BAA	135Q	04/16/2002	SOIL GRID	1.50	2.00		
HD135R1AAA	135R	04/16/2002	SOIL GRID	0.00	0.50		
HD135R1BAA	135R	04/16/2002	SOIL GRID	1.50	2.00		
HD135S1AAA	135S	04/16/2002	SOIL GRID	0.00	0.50		
HD135S1BAA	135S	04/16/2002	SOIL GRID	1.50	2.00		
HD135T1AAA	135T	04/16/2002	SOIL GRID	0.00	0.50		
HD135T1BAA	135T	04/16/2002	SOIL GRID	1.50	2.00		
HD135U1AAA	135U	04/16/2002	SOIL GRID	0.00	0.50		
HD135U1BAA	135U	04/16/2002	SOIL GRID	1.50	2.00		
HD135V1AAA	135V	04/16/2002	SOIL GRID	0.00	0.50		
HD135V1BAA	135V	04/16/2002	SOIL GRID	1.50	2.00		
HD135W1AAA	135W	04/16/2002	SOIL GRID	0.00	0.50		

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

TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD135W1BAA	135W	04/16/2002	SOIL GRID	1.50	2.00		
HD136AA1AAA	136AA	04/15/2002	SOIL GRID	0.00	0.50		
HD136AA1BAA	136AA	04/15/2002	SOIL GRID	1.50	2.00		
HD136AB1AAA	136AB	04/15/2002	SOIL GRID	0.00	0.50		
HD136AB1BAA	136AB	04/15/2002	SOIL GRID	1.50	2.00		
HD136AC1AAA	136AC	04/15/2002	SOIL GRID	0.00	0.50		
HD136AC1BAA	136AC	04/15/2002	SOIL GRID	1.50	2.00		
HD136AD1AAA	136AD	04/15/2002	SOIL GRID	0.00	0.50		
HD136AD1BAA	136AD	04/15/2002	SOIL GRID	1.50	2.00		
HD136S1AAA	136S	04/16/2002	SOIL GRID	0.00	0.50		
HD136S1BAA	136S	04/16/2002	SOIL GRID	1.50	2.00		
HD136T1AAA	136T	04/16/2002	SOIL GRID	0.00	0.50		
HD136T1BAA	136T	04/16/2002	SOIL GRID	1.50	2.00		
HD136U1AAA	136U	04/16/2002	SOIL GRID	0.00	0.50		
HD136U1BAA	136U	04/16/2002	SOIL GRID	1.50	2.00		
HD136V1AAA	136V	04/16/2002	SOIL GRID	0.00	0.50		
HD136V1BAA	136V	04/16/2002	SOIL GRID	1.50	2.00		
HD136W1AAA	136W	04/15/2002	SOIL GRID	0.00	0.50		
HD136W1BAA	136W	04/15/2002	SOIL GRID	1.50	2.00		
HD136X1AAA	136X	04/15/2002	SOIL GRID	0.00	0.50		
HD136X1BAA	136X	04/15/2002	SOIL GRID	1.50	2.00		
HD136Y1AAA	136Y	04/15/2002	SOIL GRID	0.00	0.50		
HD136Y1BAA	136Y	04/15/2002	SOIL GRID	1.50	2.00		
HD136Z1AAA	136Z	04/15/2002	SOIL GRID	0.00	0.50		
HD136Z1BAA	136Z	04/15/2002	SOIL GRID	1.50	2.00		
HD137C3AAA	137C	04/25/2002	SOIL GRID	0.00	0.25		
HD137C3BAA	137C	04/25/2002	SOIL GRID	0.25	0.50		
HD137C3CAA	137C	04/25/2002	SOIL GRID	0.50	1.00		
HD137D3AAA	137D	04/25/2002	SOIL GRID	0.00	0.25		
HD137D3BAA	137D	04/25/2002	SOIL GRID	0.25	0.50		
HD137D3CAA	137D	04/25/2002	SOIL GRID	0.50	1.00		
HD137E1AAA	137E	04/24/2002	SOIL GRID	0.00	0.50		
HD137F1AAA	137F	04/24/2002	SOIL GRID	0.00	0.50		
HD138A1DAA	138A	04/23/2002	SOIL GRID	2.00	3.00		
HD138C1AAA	138C	04/23/2002	SOIL GRID	0.00	0.50		
HD138C1BAA	138C	04/23/2002	SOIL GRID	1.50	2.00		
HD138D1AAA	138D	04/23/2002	SOIL GRID	0.00	0.50		
HD138D1BAA	138D	04/23/2002	SOIL GRID	1.50	2.00		
HD140K1AAA	140K	04/15/2002	SOIL GRID	0.00	0.50		
HD140K1BAA	140K	04/15/2002	SOIL GRID	1.50	2.00		
HD140L1AAA	140L	04/15/2002	SOIL GRID	0.00	0.50		
HD140L1BAA	140L	04/15/2002	SOIL GRID	1.50	2.00		
HD140M1AAA	140M	04/15/2002	SOIL GRID	0.00	0.00		
HD140M1BAA	140M	04/15/2002	SOIL GRID	1.50	2.00		
HD140N1AAA	140N	04/15/2002	SOIL GRID	0.00	0.50		
HD140N1BAA	140N	04/15/2002	SOIL GRID	1.50	2.00		

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
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD140O1AAA	140O	04/15/2002	SOIL GRID	0.00	0.50		
HD140O1BAA	140O	04/15/2002	SOIL GRID	1.50	2.00		
HD140P1AAA	140P	04/15/2002	SOIL GRID	0.00	0.50		
HD140P1BAA	140P	04/15/2002	SOIL GRID	1.50	2.00		
HD140Q1AAA	140Q	04/15/2002	SOIL GRID	0.00	0.50		
HD140Q1BAA	140Q	04/15/2002	SOIL GRID	1.50	2.00		
HD140Q1BAD	140Q	04/15/2002	SOIL GRID	1.50	2.00		
HD140R1AAA	140R	04/15/2002	SOIL GRID	0.00	0.50		
HD140R1BAA	140R	04/15/2002	SOIL GRID	1.50	2.00		
HD140S1AAA	140S	04/12/2002	SOIL GRID	0.00	0.50		
HD140S1BAA	140S	04/12/2002	SOIL GRID	1.50	2.00		
HD140T1AAA	140T	04/12/2002	SOIL GRID	0.00	0.50		
HD140T1BAA	140T	04/12/2002	SOIL GRID	1.50	2.00		
HD140U1AAA	140U	04/12/2002	SOIL GRID	0.00	0.50		
HD140U1BAA	140U	04/12/2002	SOIL GRID	1.50	2.00		
HD140V1AAA	140V	04/12/2002	SOIL GRID	0.00	0.50		
HD140V1BAA	140V	04/12/2002	SOIL GRID	1.50	2.00		
HD140V1BAD	140V	04/12/2002	SOIL GRID	1.50	2.00		
HD144E1AAA	144E	04/26/2002	SOIL GRID	0.00	0.50		
HD144E1BAA	144E	04/26/2002	SOIL GRID	1.50	2.00		
HD144E1BAD	144E	04/26/2002	SOIL GRID	1.50	2.00		
HD144F1AAA	144F	04/26/2002	SOIL GRID	0.00	0.50		
HD144F1BAA	144F	04/26/2002	SOIL GRID	1.50	2.00		
HD159A1AAA	159A	04/01/2002	SOIL GRID	0.00	0.25		
HD159A1BAA	159A	04/01/2002	SOIL GRID	0.25	0.25		
HD159A1CAA	159A	04/01/2002	SOIL GRID	0.50	1.00		
HD159B1AAA	159B	04/01/2002	SOIL GRID	0.00	0.25		
HD159B1BAA	159B	04/01/2002	SOIL GRID	0.25	0.25		
HD159B1CAA	159B	04/01/2002	SOIL GRID	0.50	1.00		
HD159B1CAD	159B	04/01/2002	SOIL GRID	0.50	1.00		
HD159C1AAA	159C	04/01/2002	SOIL GRID	0.00	0.25		
HD159C1BAA	159C	04/01/2002	SOIL GRID	0.25	0.25		
HD159C1CAA	159C	04/01/2002	SOIL GRID	0.50	1.00		
HD159C1CAD	159C	04/01/2002	SOIL GRID	0.50	1.00		
HD159D3AAA	159D	04/02/2002	SOIL GRID	0.00	0.25		
HD159D3BAA	159D	04/02/2002	SOIL GRID	0.25	0.25		
HD159D3CAA	159D	04/02/2002	SOIL GRID	0.50	1.00		
HD159E3AAA	159E	04/02/2002	SOIL GRID	0.00	0.25		
HD159E3BAA	159E	04/02/2002	SOIL GRID	0.25	0.25		
HD159E3CAA	159E	04/02/2002	SOIL GRID	0.50	1.00		
HD160A3AAA	160A	04/03/2002	SOIL GRID	0.00	0.25		
HD160A3BAA	160A	04/03/2002	SOIL GRID	0.25	0.25		
HD160A3CAA	160A	04/03/2002	SOIL GRID	0.50	1.00		
HD160B3AAA	160B	04/03/2002	SOIL GRID	0.00	0.25		
HD160B3BAA	160B	04/03/2002	SOIL GRID	0.25	0.25		
HD160B3CAA	160B	04/03/2002	SOIL GRID	0.50	1.00		

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Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
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TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD160C3AAA	160C	04/03/2002	SOIL GRID	0.00	0.25		
HD160C3BAA	160C	04/03/2002	SOIL GRID	0.25	0.25		
HD160C3CAA	160C	04/03/2002	SOIL GRID	0.50	1.00		
HD161A1AAA	161A	04/03/2002	SOIL GRID	0.00	0.25		
HD161A1BAA	161A	04/03/2002	SOIL GRID	0.25	0.25		
HD161A1CAA	161A	04/03/2002	SOIL GRID	0.50	1.00		
HD161B1AAA	161B	04/04/2002	SOIL GRID	0.00	0.25		
HD161B1BAA	161B	04/04/2002	SOIL GRID	0.25	0.25		
HD161B1CAA	161B	04/04/2002	SOIL GRID	0.50	1.00		
HD161C1AAA	161C	04/04/2002	SOIL GRID	0.00	0.25		
HD161C1BAA	161C	04/04/2002	SOIL GRID	0.25	0.25		
HD161C1CAA	161C	04/04/2002	SOIL GRID	0.50	1.00		
HD161D3AAA	161D	04/04/2002	SOIL GRID	0.00	0.50		
HD161D3BAA	161D	04/04/2002	SOIL GRID	1.50	2.00		
HD161E3AAA	161E	04/04/2002	SOIL GRID	0.00	0.50		
HD161E3BAA	161E	04/04/2002	SOIL GRID	1.50	2.00		
HD161F3AAA	161F	04/04/2002	SOIL GRID	0.00	0.50		
HD161F3BAA	161F	04/04/2002	SOIL GRID	1.50	2.00		
HD161F3BAD	161F	04/04/2002	SOIL GRID	1.50	2.00		
HD162A1AAA	162A	04/04/2002	SOIL GRID	0.00	0.25		
HD162A1BAA	162A	04/04/2002	SOIL GRID	0.25	0.25		
HD162A1CAA	162A	04/04/2002	SOIL GRID	0.50	1.00		
HD162B1AAA	162B	04/04/2002	SOIL GRID	0.00	0.25		
HD162B1BAA	162B	04/04/2002	SOIL GRID	0.25	0.25		
HD162B1CAA	162B	04/04/2002	SOIL GRID	0.50	1.00		
HD162C1AAA	162C	04/05/2002	SOIL GRID	0.00	0.25		
HD162C1BAA	162C	04/05/2002	SOIL GRID	0.25	0.25		
HD162C1CAA	162C	04/05/2002	SOIL GRID	0.50	1.00		
HD162D3AAA	162D	04/05/2002	SOIL GRID	0.00	0.25		
HD162D3BAA	162D	04/05/2002	SOIL GRID	0.25	0.25		
HD162D3CAA	162D	04/05/2002	SOIL GRID	0.50	1.00		
HD162E3AAA	162E	04/05/2002	SOIL GRID	0.00	0.25		
HD162E3BAA	162E	04/05/2002	SOIL GRID	0.25	0.25		
HD162E3CAA	162E	04/05/2002	SOIL GRID	0.50	1.00		
HD162F3AAA	162F	04/05/2002	SOIL GRID	0.00	0.25		
HD162F3BAA	162F	04/05/2002	SOIL GRID	0.25	0.25		
HD162F3CAA	162F	04/05/2002	SOIL GRID	0.50	1.00		
HD162G3AAA	162G	04/05/2002	SOIL GRID	0.00	0.25		
HD162G3BAA	162G	04/05/2002	SOIL GRID	0.25	0.25		
HD162G3CAA	162G	04/05/2002	SOIL GRID	0.50	1.00		
HD162H3AAA	162H	04/05/2002	SOIL GRID	0.00	0.25		
HD162H3BAA	162H	04/05/2002	SOIL GRID	0.25	0.25		
HD162H3CAA	162H	04/05/2002	SOIL GRID	0.50	1.00		
HD162I3AAA	162I	04/08/2002	SOIL GRID	0.00	0.25		
HD162I3BAA	162I	04/08/2002	SOIL GRID	0.25	0.50		
HD162I3CAA	162I	04/08/2002	SOIL GRID	0.50	1.00		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
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TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD162J1AAA	162J	04/08/2002	SOIL GRID	0.00	0.25		
HD162J1BAA	162J	04/08/2002	SOIL GRID	0.25	0.50		
HD162J1CAA	162J	04/08/2002	SOIL GRID	0.50	1.00		
HD162J1CAD	162J	04/08/2002	SOIL GRID	0.50	1.00		
HD162K3AAA	162K	04/08/2002	SOIL GRID	0.00	0.25		
HD162K3BAA	162K	04/08/2002	SOIL GRID	0.25	0.50		
HD162K3CAA	162K	04/08/2002	SOIL GRID	0.50	1.00		
HD163A2BAA	163A	04/08/2002	SOIL GRID	0.25	0.50		
HD163A3AAA	163A	04/08/2002	SOIL GRID	0.00	0.25		
HD163A3BAA	163A	04/08/2002	SOIL GRID	0.25	0.50		
HD163A3CAA	163A	04/08/2002	SOIL GRID	0.50	1.00		
HD163A4AAA	163A	04/08/2002	SOIL GRID	0.00	0.25		
HD163B2AAA	163B	04/08/2002	SOIL GRID	0.00	0.25		
HD163B3AAA	163B	04/08/2002	SOIL GRID	0.00	0.25		
HD163B3BAA	163B	04/08/2002	SOIL GRID	0.25	0.50		
HD163B3CAA	163B	04/08/2002	SOIL GRID	0.50	1.00		
HD163B4CAA	163B	04/08/2002	SOIL GRID	0.50	1.00		
HD164A1AAA	164A	04/09/2002	SOIL GRID	0.00	0.50		
HD164A1BAA	164A	04/09/2002	SOIL GRID	1.50	2.00		
HD164B1AAA	164B	04/09/2002	SOIL GRID	0.00	0.50		
HD164B1BAA	164B	04/09/2002	SOIL GRID	1.50	2.00		
HD164C1AAA	164C	04/09/2002	SOIL GRID	0.00	0.50		
HD164C1BAA	164C	04/09/2002	SOIL GRID	1.50	2.00		
HD164D1AAA	164D	04/09/2002	SOIL GRID	0.00	0.50		
HD164D1BAA	164D	04/09/2002	SOIL GRID	1.50	2.00		
HD164E1AAA	164E	04/09/2002	SOIL GRID	0.00	0.50		
HD164E1BAA	164E	04/09/2002	SOIL GRID	1.50	2.00		
HD164F1AAA	164F	04/09/2002	SOIL GRID	0.00	0.50		
HD164F1BAA	164F	04/09/2002	SOIL GRID	1.50	2.00		
HD164G1AAA	164G	04/09/2002	SOIL GRID	0.00	0.50		
HD164G1BAA	164G	04/09/2002	SOIL GRID	1.50	2.00		
HD164H1AAA	164H	04/09/2002	SOIL GRID	0.00	0.50		
HD164H1BAA	164H	04/09/2002	SOIL GRID	1.50	2.00		
HD164I1AAA	164I	04/09/2002	SOIL GRID	0.00	0.50		
HD164I1BAA	164I	04/09/2002	SOIL GRID	1.50	2.00		
HD164J1AAA	164J	04/09/2002	SOIL GRID	0.00	0.50		
HD164J1AAD	164J	04/09/2002	SOIL GRID	0.00	0.50		
HD164J1BAA	164J	04/09/2002	SOIL GRID	1.50	2.00		
HD164J1BAD	164J	04/09/2002	SOIL GRID	1.50	2.00		
HD164K3AAA	164K	04/09/2002	SOIL GRID	0.00	0.50		
HD164K3BAA	164K	04/09/2002	SOIL GRID	1.50	2.00		
HD164L3AAA	164L	04/09/2002	SOIL GRID	0.00	0.50		
HD164L3BAA	164L	04/09/2002	SOIL GRID	1.50	2.00		
HD166A3AAA	166A	04/09/2002	SOIL GRID	0.00	0.25		
HD166A3BAA	166A	04/09/2002	SOIL GRID	0.25	0.50		
HD166A3CAA	166A	04/09/2002	SOIL GRID	0.50	1.00		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
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SBD = Sample Begin Depth, measured in feet bgs
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TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD166A3CAD	166A	04/09/2002	SOIL GRID	0.50	1.00		
HD166B3AAA	166B	04/09/2002	SOIL GRID	0.00	0.25		
HD166B3BAA	166B	04/09/2002	SOIL GRID	0.25	0.50		
HD166B3CAA	166B	04/09/2002	SOIL GRID	0.50	1.00		
HD166C3AAA	166C	04/10/2002	SOIL GRID	0.00	0.25		
HD166C3BAA	166C	04/10/2002	SOIL GRID	0.25	0.50		
HD166C3CAA	166C	04/10/2002	SOIL GRID	0.50	1.00		
HD166D3AAA	166D	04/10/2002	SOIL GRID	0.00	0.25		
HD166D3BAA	166D	04/10/2002	SOIL GRID	0.25	0.50		
HD166D3CAA	166D	04/10/2002	SOIL GRID	0.50	1.00		
HD166D3CAD	166D	04/10/2002	SOIL GRID	0.50	1.00		
HD166E3AAA	166E	04/10/2002	SOIL GRID	0.00	0.25		
HD166E3BAA	166E	04/10/2002	SOIL GRID	0.25	0.25		
HD166E3CAA	166E	04/10/2002	SOIL GRID	0.50	1.00		
HD166F3AAA	166F	04/10/2002	SOIL GRID	0.00	0.25		
HD166F3BAA	166F	04/10/2002	SOIL GRID	0.25	0.50		
HD166F3CAA	166F	04/10/2002	SOIL GRID	0.50	1.00		
HD166G3AAA	166G	04/10/2002	SOIL GRID	0.00	0.25		
HD166G3BAA	166G	04/10/2002	SOIL GRID	0.25	0.50		
HD166G3CAA	166G	04/10/2002	SOIL GRID	0.50	1.00		
HD166G3CAD	166G	04/10/2002	SOIL GRID	0.50	1.00		
HD166H3AAA	166H	04/10/2002	SOIL GRID	0.00	0.25		
HD166H3BAA	166H	04/10/2002	SOIL GRID	0.25	0.50		
HD166H3CAA	166H	04/10/2002	SOIL GRID	0.50	1.00		
HD166I2BAA	166I	04/10/2002	SOIL GRID	0.25	0.50		
HD166I3AAA	166I	04/10/2002	SOIL GRID	0.00	0.25		
HD166I3BAA	166I	04/10/2002	SOIL GRID	0.25	0.50		
HD166I3CAA	166I	04/10/2002	SOIL GRID	0.50	1.00		
HD167A3AAA	167A	04/11/2002	SOIL GRID	0.00	0.25		
HD167A3BAA	167A	04/11/2002	SOIL GRID	0.25	0.50		
HD167A3CAA	167A	04/11/2002	SOIL GRID	0.50	1.00		
HD167B3AAA	167B	04/11/2002	SOIL GRID	0.00	0.25		
HD167B3BAA	167B	04/11/2002	SOIL GRID	0.25	0.50		
HD167B3CAA	167B	04/11/2002	SOIL GRID	0.50	1.00		
HD167C3AAA	167C	04/11/2002	SOIL GRID	0.00	0.25		
HD167C3BAA	167C	04/11/2002	SOIL GRID	0.25	0.50		
HD167C3CAA	167C	04/11/2002	SOIL GRID	0.50	1.00		
HD167C4AAA	167C	04/11/2002	SOIL GRID	0.00	0.25		
HD167D3AAA	167D	04/11/2002	SOIL GRID	0.00	0.25		
HD167D3BAA	167D	04/11/2002	SOIL GRID	0.25	0.50		
HD167D3CAA	167D	04/11/2002	SOIL GRID	0.50	1.00		
HD167D3CAD	167D	04/11/2002	SOIL GRID	0.50	1.00		
HD167E3AAA	167E	04/10/2002	SOIL GRID	0.00	0.25		
HD167E3BAA	167E	04/10/2002	SOIL GRID	0.25	0.50		
HD167E3CAA	167E	04/10/2002	SOIL GRID	0.50	1.00		
HD167E3CAD	167E	04/10/2002	SOIL GRID	0.50	1.00		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
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
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD168A3AAA	168A	04/26/2002	SOIL GRID	0.00	0.25		
HD168A3BAA	168A	04/26/2002	SOIL GRID	0.25	0.50		
HD168A3CAA	168A	04/26/2002	SOIL GRID	0.50	1.00		
HD169A3AAA	169A	04/12/2002	SOIL GRID	0.00	0.25		
HD169A3BAA	169A	04/12/2002	SOIL GRID	0.25	0.50		
HD169A3CAA	169A	04/12/2002	SOIL GRID	0.50	1.00		
HD169B3AAA	169B	04/12/2002	SOIL GRID	0.00	0.25		
HD169B3BAA	169B	04/12/2002	SOIL GRID	0.25	0.50		
HD169B3CAA	169B	04/12/2002	SOIL GRID	0.50	1.00		
HD169C3AAA	169C	04/12/2002	SOIL GRID	0.00	0.25		
HD169C3BAA	169C	04/12/2002	SOIL GRID	0.25	0.50		
HD169C3CAA	169C	04/12/2002	SOIL GRID	0.50	1.00		
HD169D3AAA	169D	04/12/2002	SOIL GRID	0.00	0.25		
HD169D3BAA	169D	04/12/2002	SOIL GRID	0.25	0.50		
HD169D3CAA	169D	04/12/2002	SOIL GRID	0.50	1.00		
HD169E3AAA	169E	04/12/2002	SOIL GRID	0.00	0.25		
HD169E3BAA	169E	04/12/2002	SOIL GRID	0.25	0.50		
HD169E3CAA	169E	04/12/2002	SOIL GRID	0.50	1.00		
HD169F3AAA	169F	04/12/2002	SOIL GRID	0.00	0.25		
HD169F3BAA	169F	04/12/2002	SOIL GRID	0.25	0.50		
HD169F3CAA	169F	04/12/2002	SOIL GRID	0.50	1.00		
HD169F3CAD	169F	04/12/2002	SOIL GRID	0.50	1.00		
HD170A3AAA	170A	04/22/2002	SOIL GRID	0.00	0.50		
HD170A3BAA	170A	04/22/2002	SOIL GRID	1.50	2.00		
HD170B3AAA	170B	04/22/2002	SOIL GRID	0.00	0.50		
HD170B3BAA	170B	04/22/2002	SOIL GRID	1.50	2.00		
HD171A3AAA	171A	04/22/2002	SOIL GRID	0.00	0.25		
HD171A3BAA	171A	04/22/2002	SOIL GRID	0.25	0.50		
HD171A3CAA	171A	04/22/2002	SOIL GRID	0.50	1.00		
HD171B2AAA	171B	04/22/2002	SOIL GRID	0.00	0.25		
HD171B3AAA	171B	04/22/2002	SOIL GRID	0.00	0.25		
HD171B3BAA	171B	04/22/2002	SOIL GRID	0.25	0.50		
HD171B3CAA	171B	04/22/2002	SOIL GRID	0.50	1.00		
HD171B3CAD	171B	04/22/2002	SOIL GRID	0.50	1.00		
HD171B4BAA	171B	04/22/2002	SOIL GRID	0.25	0.50		
HD171B5AAA	171B	04/22/2002	SOIL GRID	0.00	0.25		
HD171C3AAA	171C	04/22/2002	SOIL GRID	0.00	0.25		
HD171C3BAA	171C	04/22/2002	SOIL GRID	0.25	0.50		
HD171C3CAA	171C	04/22/2002	SOIL GRID	0.50	1.00		
HD171D1AAA	171D	04/23/2002	SOIL GRID	0.00	0.25		
HD171D3AAA	171D	04/23/2002	SOIL GRID	0.00	0.25		
HD171D3BAA	171D	04/23/2002	SOIL GRID	0.25	0.50		
HD171D3CAA	171D	04/23/2002	SOIL GRID	0.50	1.00		
HD171D3CAD	171D	04/23/2002	SOIL GRID	0.50	1.00		
HD171E3AAA	171E	04/23/2002	SOIL GRID	0.00	0.25		
HD171E3BAA	171E	04/23/2002	SOIL GRID	0.25	0.50		

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

TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD171E3CAA	171E	04/23/2002	SOIL GRID	0.50	1.00		
HD171F3AAA	171F	04/23/2002	SOIL GRID	0.00	0.25		
HD171F3BAA	171F	04/23/2002	SOIL GRID	0.25	0.50		
HD171F3CAA	171F	04/23/2002	SOIL GRID	0.50	1.00		
HD172A1AAA	172A	04/26/2002	SOIL GRID	0.00	0.50		
HD172B1AAA	172A	04/26/2002	SOIL GRID	0.00	0.50		
HD172C1AAA	172A	04/26/2002	SOIL GRID	0.00	0.50		
HD173A1AAA	173A	04/26/2002	SOIL GRID	0.00	0.50		
HD173B1AAA	173B	04/26/2002	SOIL GRID	0.00	0.50		
HD173C1AAA	173C	04/26/2002	SOIL GRID	0.00	0.50		
HD173D1AAA	173D	04/26/2002	SOIL GRID	0.00	0.50		
HD173E1AAA	173E	04/25/2002	SOIL GRID	0.00	0.50		
HD173F1AAA	173F	04/26/2002	SOIL GRID	0.00	0.50		
HD173G1AAA	173G	04/25/2002	SOIL GRID	0.00	0.50		
HD174A1AAA	174A	04/17/2002	SOIL GRID	0.00	0.25		
HD174A1BAA	174A	04/17/2002	SOIL GRID	0.25	0.50		
HD174A1CAA	174A	04/17/2002	SOIL GRID	0.50	1.00		
HD174A1CAD	174A	04/17/2002	SOIL GRID	0.50	1.00		
HD174A3AAA	174A	04/17/2002	SOIL GRID	0.00	0.25		
HD174A3BAA	174A	04/17/2002	SOIL GRID	0.25	0.50		
HD174A3CAA	174A	04/17/2002	SOIL GRID	0.50	1.00		
HD174A5AAA	174A	04/17/2002	SOIL GRID	0.00	0.25		
HD174A5BAA	174A	04/17/2002	SOIL GRID	0.25	0.50		
HD174A5CAA	174A	04/17/2002	SOIL GRID	0.50	1.00		
HD174A7AAA	174A	04/17/2002	SOIL GRID	0.00	0.25		
HD174A7BAA	174A	04/17/2002	SOIL GRID	0.25	0.50		
HD174A7CAA	174A	04/17/2002	SOIL GRID	0.50	1.00		
HD174B1AAA	174B	04/18/2002	SOIL GRID	0.00	0.25		
HD174B1BAA	174B	04/18/2002	SOIL GRID	0.25	0.50		
HD174B1CAA	174B	04/18/2002	SOIL GRID	0.50	1.00		
HD174B1CAD	174B	04/18/2002	SOIL GRID	0.50	1.00		
HD174B3AAA	174B	04/18/2002	SOIL GRID	0.00	0.25		
HD174B3BAA	174B	04/18/2002	SOIL GRID	0.25	0.50		
HD174B3CAA	174B	04/18/2002	SOIL GRID	0.50	1.00		
HD174B5AAA	174B	04/18/2002	SOIL GRID	0.00	0.25		
HD174B5BAA	174B	04/18/2002	SOIL GRID	0.25	0.50		
HD174B5CAA	174B	04/18/2002	SOIL GRID	0.50	1.00		
HD174B7AAA	174B	04/18/2002	SOIL GRID	0.00	0.25		
HD174B7BAA	174B	04/18/2002	SOIL GRID	0.25	0.50		
HD174B7CAA	174B	04/18/2002	SOIL GRID	0.50	1.00		
HD175A1AAA	175A	04/18/2002	SOIL GRID	0.00	0.25		
HD175A1BAA	175A	04/18/2002	SOIL GRID	0.25	0.50		
HD175A1CAA	175A	04/18/2002	SOIL GRID	0.50	1.00		
HD175A1CAD	175A	04/18/2002	SOIL GRID	0.50	1.00		
HD175A3AAA	175A	04/18/2002	SOIL GRID	0.00	0.25		
HD175A3BAA	175A	04/18/2002	SOIL GRID	0.25	0.50		

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

TABLE 2
SAMPLING PROGRESS
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD175A3CAA	175A	04/18/2002	SOIL GRID	0.50	1.00		
HD175A5AAA	175A	04/18/2002	SOIL GRID	0.00	0.25		
HD175A5BAA	175A	04/18/2002	SOIL GRID	0.25	0.50		
HD175A5CAA	175A	04/18/2002	SOIL GRID	0.50	1.00		
HD175A7AAA	175A	04/18/2002	SOIL GRID	0.00	0.25		
HD175A7BAA	175A	04/18/2002	SOIL GRID	0.25	0.50		
HD175A7CAA	175A	04/18/2002	SOIL GRID	0.50	1.00		
HD175B1AAA	175B	04/18/2002	SOIL GRID	0.00	0.25		
HD175B1BAA	175B	04/18/2002	SOIL GRID	0.25	0.50		
HD175B1CAA	175B	04/18/2002	SOIL GRID	0.50	1.00		
HD175B1CAD	175B	04/18/2002	SOIL GRID	0.50	1.00		
HD175B3AAA	175B	04/18/2002	SOIL GRID	0.00	0.25		
HD175B3BAA	175B	04/18/2002	SOIL GRID	0.25	0.50		
HD175B3CAA	175B	04/18/2002	SOIL GRID	0.50	1.00		
HD175B5AAA	175B	04/18/2002	SOIL GRID	0.00	0.25		
HD175B5BAA	175B	04/18/2002	SOIL GRID	0.25	0.50		
HD175B5CAA	175B	04/18/2002	SOIL GRID	0.50	1.00		
HD175B7AAA	175B	04/18/2002	SOIL GRID	0.00	0.25		
HD175B7BAA	175B	04/18/2002	SOIL GRID	0.25	0.50		
HD175B7CAA	175B	04/18/2002	SOIL GRID	0.50	1.00		
HD176A1AAA	176A	04/19/2002	SOIL GRID	0.00	0.25		
HD176A1BAA	176A	04/19/2002	SOIL GRID	0.25	0.50		
HD176A1CAA	176A	04/19/2002	SOIL GRID	0.50	1.00		
HD176A1CAD	176A	04/19/2002	SOIL GRID	0.50	1.00		
HD176A3AAA	176A	04/19/2002	SOIL GRID	0.00	0.25		
HD176A3BAA	176A	04/19/2002	SOIL GRID	0.25	0.50		
HD176A3CAA	176A	04/19/2002	SOIL GRID	0.50	1.00		
HD176A5AAA	176A	04/19/2002	SOIL GRID	0.00	0.25		
HD176A5BAA	176A	04/19/2002	SOIL GRID	0.25	0.50		
HD176A5CAA	176A	04/19/2002	SOIL GRID	0.50	1.00		
HD176A7AAA	176A	04/19/2002	SOIL GRID	0.00	0.25		
HD176A7BAA	176A	04/19/2002	SOIL GRID	0.25	0.50		
HD176A7CAA	176A	04/19/2002	SOIL GRID	0.50	1.00		
HD176B1AAA	176B	04/19/2002	SOIL GRID	0.00	0.25		
HD176B1BAA	176B	04/19/2002	SOIL GRID	0.25	0.50		
HD176B1CAA	176B	04/19/2002	SOIL GRID	0.50	1.00		
HD176B1CAD	176B	04/19/2002	SOIL GRID	0.50	1.00		
HD176B3AAA	176B	04/19/2002	SOIL GRID	0.00	0.25		
HD176B3BAA	176B	04/19/2002	SOIL GRID	0.25	0.50		
HD176B3CAA	176B	04/19/2002	SOIL GRID	0.50	1.00		
HD176B5AAA	176B	04/19/2002	SOIL GRID	0.00	0.25		
HD176B5BAA	176B	04/19/2002	SOIL GRID	0.25	0.50		
HD176B5CAA	176B	04/19/2002	SOIL GRID	0.50	1.00		
HD176B7AAA	176B	04/19/2002	SOIL GRID	0.00	0.25		
HD176B7BAA	176B	04/19/2002	SOIL GRID	0.25	0.50		
HD176B7CAA	176B	04/19/2002	SOIL GRID	0.50	1.00		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
Other Sample Types methods are variable
SBD = Sample Begin Depth, measured in feet bgs
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
4/1/2002 - 4/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HD59E1AAA	59E	04/29/2002	SOIL GRID	0.00	0.50		
HD59E3AAA	59E	04/29/2002	SOIL GRID	0.00	0.50		
HD59E5AAA	59E	04/29/2002	SOIL GRID	0.00	0.50		
J2.F.T2A.XC1.1.0	N/A	04/17/2002	SOIL GRID	0.00	2.92		
J2.F.T2A.XC1.2.0	N/A	04/17/2002	SOIL GRID	2.67	2.92		
J2.F.T2E.001.3.0	N/A	04/15/2002	SOIL GRID	1.75	2.00		
J2.F.T2I.XC1.1.0	J2 Target 21 Soil	04/22/2002	SOIL GRID	0.00	1.50		
J2.F.T2I.XC1.2.0	J2 Target 21 Soil	04/22/2002	SOIL GRID	1.25	1.50		
J2.F.T32.XC1.1.0	N/A	04/29/2002	SOIL GRID	0.00	3.00		
J2.F.T32.XC1.2.0	N/A	04/29/2002	SOIL GRID	2.75	3.00		
J2.F.T33.XC1.1.0	J2 Target 33 Soil	04/23/2002	SOIL GRID	0.00	2.75		
J2.F.T33.XC1.1.D	J2 Target 33 Soil	04/23/2002	SOIL GRID	0.00	2.75		
J2.F.T33.XC1.2.0	J2 Target 33 Soil	04/23/2002	SOIL GRID	2.50	2.75		
LKSNK0005AAA	LKSNK0005	04/17/2002	SURFACE WATER				
LKSNK0006AAA	LKSNK0006	04/17/2002	SURFACE WATER				
LKSNK0007AAA	LKSNK0007	04/17/2002	SURFACE WATER				
LKSNK0007AAD	LKSNK0007	04/17/2002	SURFACE WATER				

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 APRIL 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	79.90	84.90	0.05	X
MW-41	W41M1A	05/18/2000	8151	PENTACHLOROPHENOL	1.80	J	UG/L	108.00	118.00	1.00	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-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
58MW0002	WC2XXA	02/26/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	19.00		UG/L	4.00	9.00	2.00	X
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

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 APRIL 2002

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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	29.50	39.50	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
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
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-101	W101M1A	06/06/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		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-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-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

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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 APRIL 2002

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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-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	W114M1A	03/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.00	J	UG/L	96.00	106.00	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-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	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-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-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-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-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	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-171	W171M2A	05/31/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10		UG/L	83.00	88.00	2.00	X
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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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-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	W02M1A	08/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10		UG/L	75.00	80.00	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
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

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>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 APRIL 2002

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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
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-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-58	W58SSA	11/23/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.70	J	UG/L	0.00	10.00	2.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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-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
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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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-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-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-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-89	W89M2A	05/26/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.30		UG/L	72.00	82.00	2.00	X
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-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	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-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	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

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1997 THROUGH APRIL 2002

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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-95	W95M1A	05/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20		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
MW-31	W31SSA	08/24/2001	8330NX	2,4,6-TRINITROTOLUENE	5.40		UG/L	13.00	18.00	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	W01M2A	08/15/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	11.00		UG/L	44.00	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-23	W23M1A	07/30/2001	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-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	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	W76M1A	08/13/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	90.00		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
ASPWELL	ASPWELL	07/20/1999	E200.8	LEAD	53.00		UG/L	0.00	0.00	15.00	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
90MW0022	90MW0022	01/16/2002	E314.0	PERCHLORATE	1.63	J	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
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

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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	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-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-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-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-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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-162	W162M2A	01/18/2002	E314.0	PERCHLORATE	1.55	J	UG/L	49.70	59.70	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	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-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-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
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-193	W193M1A	02/20/2002	E314.0	PERCHLORATE	7.02		UG/L	23.80	28.80	1.50	X
MW-193	W193M1D	02/20/2002	E314.0	PERCHLORATE	7.30		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-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	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-33	W33DDA	12/26/2001	E314.0	PERCHLORATE	1.54	J	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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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
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-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-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-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-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	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
MW-76	W76M2A	01/07/2002	E314.0	PERCHLORATE	126.00		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

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1997 THROUGH APRIL 2002

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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-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-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-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	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
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
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

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1997 THROUGH APRIL 2002

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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-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
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-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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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
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	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-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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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
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	01/07/1999	IM40MB	THALLIUM	5.20	J	UG/L	107.00	117.00	2.00	X
MW-1	W01SSA	09/07/1999	IM40MB	THALLIUM	2.90	J	UG/L	0.00	10.00	2.00	X
MW-127	W127SSA	11/15/2000	IM40MB	THALLIUM	2.40	J	UG/L	0.00	10.00	2.00	X
MW-132	W132SSA	02/16/2001	IM40MB	THALLIUM	2.10	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	W19DDL	02/11/1999	IM40MB	THALLIUM	3.10	J	UG/L	254.00	259.00	2.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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-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-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

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1997 THROUGH APRIL 2002

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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
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-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-94	W94M2A	01/11/2001	IM40MB	THALLIUM	2.00	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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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
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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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
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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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
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	01/23/2002	OC21V	CHLOROMETHANE	75.00	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
27MW0017B	27MW0017B	04/30/1999	OC21V	VINYL CHLORIDE	2.00		UG/L	21.00	26.00	2.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
PPAWSMW-1	PPAWSMW-1	06/22/1999	OL21P	DIELDRIN	3.00		UG/L	10.00	20.00	0.50	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-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-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

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 3/15/02 - 04/30/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
4036000-01G	4036000-01G	03/20/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-01G	4036000-01G	04/03/2002	GROUNDWATER					OC21V	ACETONE	
4036000-01G	4036000-01G	04/03/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-01G	4036000-01G	04/10/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-01G	4036000-01G	04/17/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-01G	4036000-01G	04/24/2002	GROUNDWATER					OM31V	CHLOROFORM	
4036000-03G	4036000-03G	03/20/2002	GROUNDWATER					E314.0	PERCHLORATE	
4036000-03G	4036000-03G	03/27/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-03G	4036000-03G	04/03/2002	GROUNDWATER					OC21V	ACETONE	
4036000-03G	4036000-03G	04/03/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-03G	4036000-03G	04/03/2002	GROUNDWATER					OC21V	TOLUENE	
4036000-03G	4036000-03G	04/10/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-03G	4036000-03G	04/17/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-03G	4036000-03G	04/24/2002	GROUNDWATER					OM31V	CHLOROFORM	
4036000-04G	4036000-04G	03/27/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-04G	4036000-04G	04/03/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-04G	4036000-04G	04/10/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-04G	4036000-04G	04/17/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-04G	4036000-04G	04/24/2002	GROUNDWATER					OC21V	2-CHLOROETHYL VINYL ETHER	
4036000-04G	4036000-04G	04/24/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-06G	4036000-06G	03/27/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-06G	4036000-06G	04/03/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-06G	4036000-06G	04/10/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-06G	4036000-06G	04/17/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-06G	4036000-06G	04/24/2002	GROUNDWATER					OC21V	CHLOROFORM	
4036000-06GD	4036000-06G	04/10/2002	GROUNDWATER					OC21V	CHLOROFORM	
58MW0015B	58MW0015B	04/11/2002	GROUNDWATER	131.96	140.22	12.70	22.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
90MP0059B	90MP0059	04/11/2002	GROUNDWATER	116.00	119.00	110.00	113.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
90MW0014	90MW0014	04/15/2002	GROUNDWATER	103.00	108.00	78.00	83.00	E314.0	PERCHLORATE	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
90MW0022	90MW0022	04/15/2002	GROUNDWATER	112.00	117.00	72.79	77.79	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
90MW0022	90MW0022	04/15/2002	GROUNDWATER	112.00	117.00	72.79	77.79	E314.0	PERCHLORATE	
90MW0054	90MW0054	04/20/2002	GROUNDWATER	107.00	112.00	91.83	96.83	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
90MW0054	90MW0054	04/20/2002	GROUNDWATER	107.00	112.00	91.83	96.83	E314.0	PERCHLORATE	
97-2BA	97-2B	04/01/2002	GROUNDWATER		121.00		75.40	OC21V	CHLOROFORM	
97-2BA	97-2B	04/17/2002	GROUNDWATER		121.70		75.40	OC21V	CHLOROFORM	
97-2BA	97-2B	04/30/2002	GROUNDWATER		121.70		74.00	OC21V	CHLOROFORM	
97-2CA	97-2C	04/02/2002	GROUNDWATER		132.00		68.00	E314.0	PERCHLORATE	
97-2CA	97-2C	04/02/2002	GROUNDWATER		132.00		68.00	OC21V	CHLOROFORM	
97-2CA	97-2C	04/18/2002	GROUNDWATER		132.00		68.00	OC21V	CHLOROFORM	
97-2CA	97-2C	04/30/2002	GROUNDWATER		132.00		72.93	OC21V	CHLOROFORM	
97-2DA	97-2D	03/29/2002	GROUNDWATER		115.40		82.90	OC21V	CHLOROFORM	
97-2DA	97-2D	04/30/2002	GROUNDWATER		115.40		66.57	OC21V	CHLOROFORM	
97-2EA	97-2E	03/29/2002	GROUNDWATER		94.50		49.80	OC21V	CHLOROFORM	
97-2EA	97-2E	04/30/2002	GROUNDWATER		94.50		62.94	OC21V	1,4-DICHLOROBENZENE	
97-2EA	97-2E	04/30/2002	GROUNDWATER		94.50		62.94	OC21V	CHLOROFORM	
97-2FA	97-2F	04/01/2002	GROUNDWATER		120.00		76.70	OC21V	CHLOROFORM	
97-2FA	97-2F	04/30/2002	GROUNDWATER		120.00		80.00	OC21V	CHLOROFORM	
97-2FA	97-2F	04/30/2002	GROUNDWATER		120.00		80.00	OC21V	CHLOROMETHANE	
97-2GA	97-2G	04/01/2002	GROUNDWATER		126.00		73.70	OC21V	CHLOROFORM	
97-2GA	97-2G	04/30/2002	GROUNDWATER		126.80		77.93	OC21V	CHLOROFORM	
BOULDER-DSTA	BOULDER-DST	04/24/2002	GROUNDWATER					8330N	2,6-DINITROTOLUENE	YES*
BOULDER-DSTA	BOULDER-DST	04/24/2002	GROUNDWATER					8330N	NITROGLYCERIN	NO
BOULDER-DSTD	BOULDER-DST	04/24/2002	GROUNDWATER					8330N	2-AMINO-4,6-DINITROTOLUENE	NO
BOULDER-DSTD	BOULDER-DST	04/24/2002	GROUNDWATER					8330N	NITROGLYCERIN	NO
CTPW1INF0	CTPW1INF0	04/16/2002	GROUNDWATER					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
CTPW1INF0	CTPW1INF0	04/16/2002	GROUNDWATER					8330N	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
CTPW1INF0D	CTPW1INF0	04/16/2002	GROUNDWATER					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
CTPW1INF0D	CTPW1INF0	04/16/2002	GROUNDWATER					8330N	OCTAHYDRO-1,3,5,7-TETRANITRO	YES

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CTPW1INF26	CTPW1INF26	04/17/2002	GROUNDWATER					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
CTPW1INF26	CTPW1INF26	04/17/2002	GROUNDWATER					8330N	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
CTPW1INF50	CTPW1INF50	04/18/2002	GROUNDWATER					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
CTPW1INF50	CTPW1INF50	04/18/2002	GROUNDWATER					8330N	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
CTPW1INF50D	CTPW1INF50	04/18/2002	GROUNDWATER					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
CTPW1INF50D	CTPW1INF50	04/18/2002	GROUNDWATER					8330N	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
M-1BAA	M-1	04/04/2002	GROUNDWATER		45.00		10.00	OC21V	CHLOROFORM	
M-1CAA	M-1	04/04/2002	GROUNDWATER		55.00		2.80	OC21V	CHLOROFORM	
M-1DAA	M-1	04/04/2002	GROUNDWATER		65.00		12.80	OC21V	CHLOROFORM	
M-2BAA	M-2	04/04/2002	GROUNDWATER		65.00		1.50	OC21V	CHLOROFORM	
M-2CAA	M-2	04/04/2002	GROUNDWATER		75.00		11.50	OC21V	CHLOROFORM	
M-2DAA	M-2	04/04/2002	GROUNDWATER		85.00		21.50	OC21V	CHLOROFORM	
M-3BAA	M-3	04/02/2002	GROUNDWATER		65.00		6.80	OC21V	CHLOROFORM	
M-3CAA	M-3	04/02/2002	GROUNDWATER		75.00		16.80	OC21V	CHLOROFORM	
M-3DAA	M-3	04/02/2002	GROUNDWATER		85.00		26.80	E314.0	PERCHLORATE	
M-3DAA	M-3	04/02/2002	GROUNDWATER		85.00		26.80	OC21V	CHLOROFORM	
M-4BAA	M-4	04/02/2002	GROUNDWATER		69.00		8.20	OC21V	CHLOROFORM	
M-4CAA	M-4	04/02/2002	GROUNDWATER		79.00		18.20	OC21V	CHLOROFORM	
M-4DAA	M-4	04/02/2002	GROUNDWATER		89.00		28.20	OC21V	CHLOROFORM	
M-5BAA	M-5	04/03/2002	GROUNDWATER		65.00		7.20	OC21V	CHLOROFORM	
M-5CAA	M-5	04/03/2002	GROUNDWATER		75.00		17.20	OC21V	CHLOROFORM	
M-5DAA	M-5	04/03/2002	GROUNDWATER		85.00		27.20	OC21V	CHLOROFORM	
M-6BAA	M-6	04/03/2002	GROUNDWATER		59.00		6.80	OC21V	ACETONE	
M-6BAA	M-6	04/03/2002	GROUNDWATER		59.00		6.80	OC21V	CHLOROFORM	
M-6CAA	M-6	04/03/2002	GROUNDWATER		69.00		16.80	OC21V	CHLOROFORM	
M-6DAA	M-6	04/03/2002	GROUNDWATER		79.00		26.80	OC21V	CHLOROFORM	
M-7BAA	M-7	04/04/2002	GROUNDWATER		43.00		14.40	OC21V	CHLOROFORM	
M-7BAD	M-7	04/04/2002	GROUNDWATER		43.00		14.40	OC21V	ACETONE	
M-7BAD	M-7	04/04/2002	GROUNDWATER		43.00		14.40	OC21V	CHLOROFORM	

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M-7CAA	M-7	04/03/2002	GROUNDWATER		65.00		7.60	OC21V	ACETONE	
M-7CAA	M-7	04/03/2002	GROUNDWATER		65.00		7.60	OC21V	CHLOROFORM	
M-7DAA	M-7	04/03/2002	GROUNDWATER		75.00		17.60	OC21V	CHLOROFORM	
MW00-4A	00-4	04/06/2002	GROUNDWATER	64.00	70.00	34.00	44.00	OC21V	CHLOROFORM	
OW00-1DA	00-1D	04/09/2002	GROUNDWATER	91.00	97.00	48.30	54.30	8330N	NITROGLYCERIN	NO
OW00-1DA	00-1D	04/09/2002	GROUNDWATER	91.00	97.00	48.30	54.30	OC21V	CHLOROFORM	
OW00-1DA	00-1D	04/09/2002	GROUNDWATER	91.00	97.00	48.30	54.30	OC21V	TRICHLOROETHYLENE (TCE)	
SANDHATCH1-EA	FH-5	03/29/2002	GROUNDWATER					OC21V	1,1,1-TRICHLOROETHANE	
SANDHATCH1-EA	FH-5	03/29/2002	GROUNDWATER					OC21V	CHLOROFORM	
SANDHATCH1-EA	FH-5	04/09/2002	GROUNDWATER					OC21V	1,1,1-TRICHLOROETHANE	
SANDHATCH1-EA	FH-5	04/09/2002	GROUNDWATER					OC21V	1,1-DICHLOROETHANE	
SANDHATCH1-EA	FH-5	04/09/2002	GROUNDWATER					OC21V	CHLOROFORM	
SANDHATCH1-ED	FH-5	03/29/2002	GROUNDWATER					OC21V	1,1,1-TRICHLOROETHANE	
SANDHATCH1-ED	FH-5	03/29/2002	GROUNDWATER					OC21V	1,1-DICHLOROETHANE	
SANDHATCH1-ED	FH-5	03/29/2002	GROUNDWATER					OC21V	CHLOROFORM	
SPRING1A	SPRING1A	04/05/2002	GROUNDWATER					OC21V	CHLOROFORM	
TW00-4DAA	00-4D	04/05/2002	GROUNDWATER	65.00	75.00	42.00	60.00	OC21V	CHLOROFORM	
TW00-4DBA	00-4D	04/05/2002	GROUNDWATER	75.00	85.00	42.00	60.00	OC21V	CHLOROFORM	
TW00-5A	00-5	04/05/2002	GROUNDWATER	50.00	56.00	15.50	21.50	OC21V	CHLOROFORM	
TW00-6A	00-6	04/08/2002	GROUNDWATER	36.00	42.00	9.60	6.60	OC21V	CHLOROFORM	
TW00-6D	00-6	04/08/2002	GROUNDWATER	36.00	42.00	9.60	6.60	E314.0	PERCHLORATE	
TW00-6D	00-6	04/08/2002	GROUNDWATER	36.00	42.00	9.60	6.60	OC21V	CHLOROFORM	
TW00-7A	00-7	04/05/2002	GROUNDWATER	57.00	63.00	25.50	31.50	E314.0	PERCHLORATE	
TW00-7A	00-7	04/05/2002	GROUNDWATER	57.00	63.00	25.50	31.50	OC21V	CHLOROFORM	
TW01-1A	01-1	04/12/2002	GROUNDWATER	62.00	67.00	55.21	60.21	OC21V	CHLOROFORM	
TW01-2A	01-2	04/12/2002	GROUNDWATER	50.00	56.00	24.50	30.50	E314.0	PERCHLORATE	
TW01-2A	01-2	04/12/2002	GROUNDWATER	50.00	56.00	24.50	30.50	OC21V	CHLOROFORM	
TW1-88AA	1-88	04/13/2002	GROUNDWATER					E314.0	PERCHLORATE	
TW1-88AA	1-88	04/13/2002	GROUNDWATER					OC21V	ACETONE	

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TW1-88AA	1-88	04/13/2002	GROUNDWATER					OC21V	CHLOROFORM	
TW1-88AA	1-88	04/13/2002	GROUNDWATER					OC21V	TOLUENE	
TW1-88BA	1-88	04/13/2002	GROUNDWATER					8330N	NITROGLYCERIN	NO
TW1-88BA	1-88	04/13/2002	GROUNDWATER					OC21V	ACETONE	
TW1-88BA	1-88	04/13/2002	GROUNDWATER					OC21V	CHLOROFORM	
TW1-88BA	1-88	04/13/2002	GROUNDWATER					OC21V	TOLUENE	
TW1-88BD	1-88	04/13/2002	GROUNDWATER					8330N	PICRIC ACID	NO
TW1-88BD	1-88	04/13/2002	GROUNDWATER					OC21V	ACETONE	
TW1-88BD	1-88	04/13/2002	GROUNDWATER					OC21V	CHLOROFORM	
TW1-88BD	1-88	04/13/2002	GROUNDWATER					OC21V	TOLUENE	
W02-01M1A	02-01	04/10/2002	GROUNDWATER	95.00	105.00	42.90	52.90	OC21V	CHLOROFORM	
W02-01M2A	02-01	04/10/2002	GROUNDWATER	83.00	93.00	30.90	40.90	OC21V	CHLOROFORM	
W02-02M1A	02-02	04/22/2002	GROUNDWATER	114.50	124.50	63.50	73.50	OC21V	CHLOROFORM	
W02-02M2A	02-02	04/22/2002	GROUNDWATER	94.50	104.50	42.65	52.65	OC21V	CHLOROFORM	
W02-02SSA	02-02	04/22/2002	GROUNDWATER	49.50	59.50	0.00	10.00	OC21V	CHLOROFORM	
W02-03M1A	02-03	04/17/2002	GROUNDWATER	130.00	140.00	86.10	96.10	OC21V	CHLOROFORM	
W02-03M2A	02-03	04/17/2002	GROUNDWATER	92.00	102.00	48.15	58.15	E314.0	PERCHLORATE	
W02-03M2A	02-03	04/17/2002	GROUNDWATER	92.00	102.00	48.15	58.15	OC21V	CHLOROFORM	
W02-03M3A	02-03	04/17/2002	GROUNDWATER	75.00	85.00	31.05	41.05	OC21V	CHLOROFORM	
W02-04M1A	02-04	04/29/2002	GROUNDWATER	123.00	133.00	73.97	83.97	OC21V	CHLOROFORM	
W02-04M1A	02-04	04/29/2002	GROUNDWATER	123.00	133.00	73.97	83.97	OC21V	TRICHLOROETHYLENE (TCE)	
W02-04M2A	02-04	04/29/2002	GROUNDWATER	98.00	108.00	48.93	58.93	OC21V	CHLOROFORM	
W02-04M2A	02-04	04/29/2002	GROUNDWATER	98.00	108.00	48.93	58.93	OC21V	TRICHLOROETHYLENE (TCE)	
W02-04M3A	02-04	04/29/2002	GROUNDWATER	83.00	93.00	34.01	44.01	OC21V	CHLOROFORM	
W02-05M1A	02-05	04/19/2002	GROUNDWATER	110.00	120.00	81.44	91.44	E314.0	PERCHLORATE	
W02-05M1A	02-05	04/23/2002	GROUNDWATER	110.00	120.00	81.44	91.44	OC21V	CHLOROFORM	
W02-05M2A	02-05	04/23/2002	GROUNDWATER	92.00	102.00	63.41	73.41	OC21V	CHLOROFORM	
W02-05M3A	02-05	04/23/2002	GROUNDWATER	70.00	80.00	41.37	51.37	OC21V	CHLOROFORM	
W02-09M1A	02-09	04/25/2002	GROUNDWATER	74.00	84.00	65.26	75.26	OC21V	CHLOROFORM	

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W02-09M2A	02-09	04/26/2002	GROUNDWATER	59.00	69.00	50.30	60.30	E314.0	PERCHLORATE	
W02-12M1A	02-12	04/25/2002	GROUNDWATER	109.00	119.00	58.35	68.35	OC21V	CHLOROFORM	
W02-12M2A	02-12	04/25/2002	GROUNDWATER	94.00	104.00	43.21	53.21	OC21V	CHLOROFORM	
W02-12M3A	02-12	04/25/2002	GROUNDWATER	79.00	89.00	28.22	38.22	OC21V	CHLOROFORM	
W02-13M1A	02-13	04/26/2002	GROUNDWATER	98.00	108.00	58.33	68.33	E314.0	PERCHLORATE	
W02-13M2A	02-13	04/27/2002	GROUNDWATER	83.00	93.00	44.20	54.20	OC21V	CHLOROFORM	
W02-13M3A	02-13	04/27/2002	GROUNDWATER	68.00	78.00	28.30	38.30	OC21V	CHLOROFORM	
W129M1A	MW-129	04/12/2002	GROUNDWATER	136.00	146.00	66.00	76.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
W129M1A	MW-129	04/12/2002	GROUNDWATER	136.00	146.00	66.00	76.00	E314.0	PERCHLORATE	
W129M2A	MW-129	04/12/2002	GROUNDWATER	116.00	126.00	46.00	56.00	E314.0	PERCHLORATE	
W129M3A	MW-129	04/15/2002	GROUNDWATER	96.00	106.00	26.00	36.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
W129M3A	MW-129	04/15/2002	GROUNDWATER	96.00	106.00	26.00	36.00	E314.0	PERCHLORATE	
W139M1A	MW-139	04/17/2002	GROUNDWATER	194.00	204.00	110.00	120.00	E314.0	PERCHLORATE	
W139M2A	MW-139	04/17/2002	GROUNDWATER	154.00	164.00	70.00	80.00	E314.0	PERCHLORATE	
W142M2A	MW-142	04/16/2002	GROUNDWATER	140.00	150.00	100.00	110.00	E314.0	PERCHLORATE	
W143M1A	MW-143	04/15/2002	GROUNDWATER	144.00	154.00	114.00	124.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
W143M2A	MW-143	04/16/2002	GROUNDWATER	117.00	122.00	87.00	92.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
W143M2A	MW-143	04/16/2002	GROUNDWATER	117.00	122.00	87.00	92.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
W143M3A	MW-143	04/16/2002	GROUNDWATER	107.00	112.00	77.00	82.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
W162M2A	MW-162	04/18/2002	GROUNDWATER	125.50	135.50	49.29	59.29	E314.0	PERCHLORATE	
W165M2A	MW-165	04/18/2002	GROUNDWATER	124.50	134.50	46.00	56.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
W165M2A	MW-165	04/18/2002	GROUNDWATER	124.50	134.50	46.00	56.00	8330NX	HEXAHYDRO-1-MONONITROSO-3,5	YES
W165M2A	MW-165	04/18/2002	GROUNDWATER	124.50	134.50	46.00	56.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
W171M2A	MW-171	04/11/2002	GROUNDWATER	81.00	86.00	83.00	88.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
W204M1A	MW-204	04/10/2002	GROUNDWATER	141.00	151.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
W204M2A	MW-204	04/10/2002	GROUNDWATER	76.00	86.00	17.20	27.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
W205M1A	MW-205	04/10/2002	GROUNDWATER	166.00	176.00	67.60	77.60	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
W207M1A	MW-207	04/16/2002	GROUNDWATER	245.00	264.00	100.52	119.52	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
W207M2A	MW-207	04/16/2002	GROUNDWATER	224.00	234.00	79.33	89.33	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES

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SAMPLES COLLECTED 3/15/02 - 04/30/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W209M1A	MW-209	04/30/2002	GROUNDWATER	240.00	250.00	121.00	131.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
W31MMA	MW-31	04/22/2002	GROUNDWATER	113.00	123.00	28.00	38.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
W31MMA	MW-31	04/22/2002	GROUNDWATER	113.00	123.00	28.00	38.00	8330NX	HEXAHYDRO-1-MONONITROSO-3,!	YES
W31MMA	MW-31	04/22/2002	GROUNDWATER	113.00	123.00	28.00	38.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
W31MMD	MW-31	04/22/2002	GROUNDWATER	113.00	123.00	28.00	38.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
W31MMD	MW-31	04/22/2002	GROUNDWATER	113.00	123.00	28.00	38.00	8330NX	HEXAHYDRO-1-MONONITROSO-3,!	YES
W31MMD	MW-31	04/22/2002	GROUNDWATER	113.00	123.00	28.00	38.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
W37M3A	MW-37	04/11/2002	GROUNDWATER	130.00	140.00	11.00	21.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
W80M1A	MW-80	04/04/2002	GROUNDWATER	130.00	140.00	86.00	96.00	E314.0	PERCHLORATE	
W80M1A	MW-80	04/04/2002	GROUNDWATER	130.00	140.00	86.00	96.00	OC21V	CHLOROFORM	
W80M2A	MW-80	03/27/2002	GROUNDWATER	100.00	110.00	56.00	66.00	E314.0	PERCHLORATE	
W80M2A	MW-80	03/27/2002	GROUNDWATER	100.00	110.00	56.00	66.00	OC21V	CHLOROFORM	
W80SSA	MW-80	03/27/2002	GROUNDWATER	43.00	53.00	0.00	10.00	OC21V	CHLOROFORM	
W81M3A	MW-81	03/28/2002	GROUNDWATER	53.00	58.00	25.00	30.00	OC21V	CHLOROFORM	
W82DDA	MW-82	04/06/2002	GROUNDWATER	125.00	135.00	97.00	107.00	OC21V	CHLOROFORM	
W82M1A	MW-82	04/05/2002	GROUNDWATER	104.00	114.00	76.00	86.00	OC21V	CHLOROFORM	
W82M2A	MW-82	04/05/2002	GROUNDWATER	78.00	88.00	50.00	60.00	OC21V	CHLOROFORM	
W82M3A	MW-82	04/06/2002	GROUNDWATER	54.00	64.00	26.00	36.00	OC21V	CHLOROFORM	
W82SSA	MW-82	04/05/2002	GROUNDWATER	25.00	35.00	0.00	10.00	OC21V	CHLOROFORM	
WS-4ADA	WS-4AD	04/08/2002	GROUNDWATER	218.00	228.00	148.30	158.30	OC21V	CHLOROFORM	
WS-4ASA	WS-4AS	04/06/2002	GROUNDWATER	155.00	165.00	85.50	95.50	OC21V	CHLOROFORM	
WS4-AAA	WS-4	04/12/2002	GROUNDWATER		210.00		139.85	OC21V	CHLOROFORM	
WS4-BAA	WS-4	04/12/2002	GROUNDWATER		210.00		139.85	OC21V	CHLOROFORM	
G02-04DAA	02-04	04/08/2002	PROFILE	60.00	60.00	12.00	12.00	OC21V	ACETONE	
G02-04DAA	02-04	04/08/2002	PROFILE	60.00	60.00	12.00	12.00	OC21V	CHLOROFORM	
G02-04DAA	02-04	04/08/2002	PROFILE	60.00	60.00	12.00	12.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-04DBA	02-04	04/08/2002	PROFILE	70.00	70.00	22.00	22.00	OC21V	ACETONE	
G02-04DBA	02-04	04/08/2002	PROFILE	70.00	70.00	22.00	22.00	OC21V	CHLOROFORM	
G02-04DBA	02-04	04/08/2002	PROFILE	70.00	70.00	22.00	22.00	OC21V	METHYL ETHYL KETONE (2-BUTA	

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G02-04DCA	02-04	04/08/2002	PROFILE	80.00	80.00	32.00	32.00	OC21V	ACETONE	
G02-04DCA	02-04	04/08/2002	PROFILE	80.00	80.00	32.00	32.00	OC21V	CHLOROFORM	
G02-04DCA	02-04	04/08/2002	PROFILE	80.00	80.00	32.00	32.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-04DDA	02-04	04/08/2002	PROFILE	90.00	90.00	42.00	42.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES*
G02-04DDA	02-04	04/08/2002	PROFILE	90.00	90.00	42.00	42.00	8330N	NITROGLYCERIN	NO
G02-04DDA	02-04	04/08/2002	PROFILE	90.00	90.00	42.00	42.00	OC21V	ACETONE	
G02-04DDA	02-04	04/08/2002	PROFILE	90.00	90.00	42.00	42.00	OC21V	CHLOROFORM	
G02-04DDA	02-04	04/08/2002	PROFILE	90.00	90.00	42.00	42.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-04DEA	02-04	04/08/2002	PROFILE	100.00	100.00	52.00	52.00	OC21V	2-HEXANONE	
G02-04DEA	02-04	04/08/2002	PROFILE	100.00	100.00	52.00	52.00	OC21V	ACETONE	
G02-04DEA	02-04	04/08/2002	PROFILE	100.00	100.00	52.00	52.00	OC21V	CHLOROFORM	
G02-04DEA	02-04	04/08/2002	PROFILE	100.00	100.00	52.00	52.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-04DFA	02-04	04/08/2002	PROFILE	110.00	110.00	62.00	62.00	OC21V	ACETONE	
G02-04DFA	02-04	04/08/2002	PROFILE	110.00	110.00	62.00	62.00	OC21V	CHLOROFORM	
G02-04DFA	02-04	04/08/2002	PROFILE	110.00	110.00	62.00	62.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-04DFA	02-04	04/08/2002	PROFILE	110.00	110.00	62.00	62.00	OC21V	TRICHLOROETHYLENE (TCE)	
G02-04DGA	02-04	04/08/2002	PROFILE	120.00	120.00	72.00	72.00	OC21V	ACETONE	
G02-04DGA	02-04	04/08/2002	PROFILE	120.00	120.00	72.00	72.00	OC21V	CHLOROFORM	
G02-04DGA	02-04	04/08/2002	PROFILE	120.00	120.00	72.00	72.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-04DGA	02-04	04/08/2002	PROFILE	120.00	120.00	72.00	72.00	OC21V	TRICHLOROETHYLENE (TCE)	
G02-04DHA	02-04	04/08/2002	PROFILE	130.00	130.00	82.00	82.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES*
G02-04DHA	02-04	04/08/2002	PROFILE	130.00	130.00	82.00	82.00	OC21V	ACETONE	
G02-04DHA	02-04	04/08/2002	PROFILE	130.00	130.00	82.00	82.00	OC21V	CHLOROFORM	
G02-04DHA	02-04	04/08/2002	PROFILE	130.00	130.00	82.00	82.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-04DHA	02-04	04/08/2002	PROFILE	130.00	130.00	82.00	82.00	OC21V	TRICHLOROETHYLENE (TCE)	
G02-04DIA	02-04	04/08/2002	PROFILE	140.00	140.00	92.00	92.00	OC21V	ACETONE	
G02-04DIA	02-04	04/08/2002	PROFILE	140.00	140.00	92.00	92.00	OC21V	CHLOROFORM	
G02-04DIA	02-04	04/08/2002	PROFILE	140.00	140.00	92.00	92.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-04DIA	02-04	04/08/2002	PROFILE	140.00	140.00	92.00	92.00	OC21V	TRICHLOROETHYLENE (TCE)	

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G02-04DJA	02-04	04/08/2002	PROFILE	150.00	150.00	102.00	102.00	8330N	PICRIC ACID	NO
G02-04DJA	02-04	04/08/2002	PROFILE	150.00	150.00	102.00	102.00	OC21V	2-HEXANONE	
G02-04DJA	02-04	04/08/2002	PROFILE	150.00	150.00	102.00	102.00	OC21V	ACETONE	
G02-04DJA	02-04	04/08/2002	PROFILE	150.00	150.00	102.00	102.00	OC21V	CHLOROFORM	
G02-04DJA	02-04	04/08/2002	PROFILE	150.00	150.00	102.00	102.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-04DJA	02-04	04/08/2002	PROFILE	150.00	150.00	102.00	102.00	OC21V	TRICHLOROETHYLENE (TCE)	
G02-07DAA	02-07	04/09/2002	PROFILE	33.00	35.00	0.80	2.80	8330N	2,6-DINITROTOLUENE	YES*
G02-07DAA	02-07	04/09/2002	PROFILE	33.00	35.00	0.80	2.80	8330N	4-NITROTOLUENE	NO
G02-07DAA	02-07	04/09/2002	PROFILE	33.00	35.00	0.80	2.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES*
G02-07DAA	02-07	04/09/2002	PROFILE	33.00	35.00	0.80	2.80	8330N	NITROGLYCERIN	NO
G02-07DAA	02-07	04/09/2002	PROFILE	33.00	35.00	0.80	2.80	8330N	PICRIC ACID	NO
G02-07DAA	02-07	04/09/2002	PROFILE	33.00	35.00	0.80	2.80	OC21V	CHLOROFORM	
G02-07DBA	02-07	04/09/2002	PROFILE	40.00	40.00	7.80	7.80	8330N	2,4,6-TRINITROTOLUENE	NO
G02-07DBA	02-07	04/09/2002	PROFILE	40.00	40.00	7.80	7.80	8330N	2,6-DINITROTOLUENE	YES*
G02-07DBA	02-07	04/09/2002	PROFILE	40.00	40.00	7.80	7.80	8330N	4-NITROTOLUENE	NO
G02-07DBA	02-07	04/09/2002	PROFILE	40.00	40.00	7.80	7.80	8330N	NITROGLYCERIN	NO
G02-07DBA	02-07	04/09/2002	PROFILE	40.00	40.00	7.80	7.80	8330N	PICRIC ACID	NO
G02-07DBA	02-07	04/09/2002	PROFILE	40.00	40.00	7.80	7.80	OC21V	ACETONE	
G02-07DBA	02-07	04/09/2002	PROFILE	40.00	40.00	7.80	7.80	OC21V	CHLOROFORM	
G02-07DCA	02-07	04/09/2002	PROFILE	50.00	50.00	17.80	17.80	E314.0	PERCHLORATE	
G02-07DCA	02-07	04/09/2002	PROFILE	50.00	50.00	17.80	17.80	OC21V	ACETONE	
G02-07DCA	02-07	04/09/2002	PROFILE	50.00	50.00	17.80	17.80	OC21V	CHLOROFORM	
G02-07DDA	02-07	04/09/2002	PROFILE	60.00	60.00	27.70	27.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	NO*
G02-07DDA	02-07	04/09/2002	PROFILE	60.00	60.00	27.70	27.80	8330N	NITROGLYCERIN	NO
G02-07DDA	02-07	04/09/2002	PROFILE	60.00	60.00	27.70	27.80	8330N	PICRIC ACID	NO
G02-07DDA	02-07	04/09/2002	PROFILE	60.00	60.00	27.70	27.80	OC21V	BENZENE	
G02-07DDA	02-07	04/09/2002	PROFILE	60.00	60.00	27.70	27.80	OC21V	CHLOROFORM	
G02-07DEA	02-07	04/09/2002	PROFILE	70.00	70.00	37.80	37.80	OC21V	CHLOROFORM	
G02-07DFA	02-07	04/09/2002	PROFILE	80.00	80.00	47.80	47.80	OC21V	1,2,4-TRICHLOROBENZENE	

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G02-07DFA	02-07	04/09/2002	PROFILE	80.00	80.00	47.80	47.80	OC21V	CHLOROFORM	
G02-07DGA	02-07	04/09/2002	PROFILE	90.00	90.00	57.80	57.80	8330N	NITROGLYCERIN	NO
G02-07DGA	02-07	04/09/2002	PROFILE	90.00	90.00	57.80	57.80	OC21V	CHLOROFORM	
G02-07DHA	02-07	04/09/2002	PROFILE	100.00	100.00	67.80	67.80	OC21V	CHLOROFORM	
G02-07DIA	02-07	04/09/2002	PROFILE	110.00	110.00	77.80	77.80	8330N	2,4-DIAMINO-6-NITROTOLUENE	YES
G02-07DIA	02-07	04/09/2002	PROFILE	110.00	110.00	77.80	77.80	8330N	2,6-DINITROTOLUENE	YES*
G02-07DIA	02-07	04/09/2002	PROFILE	110.00	110.00	77.80	77.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	NO*
G02-07DIA	02-07	04/09/2002	PROFILE	110.00	110.00	77.80	77.80	8330N	NITROGLYCERIN	NO
G02-07DIA	02-07	04/09/2002	PROFILE	110.00	110.00	77.80	77.80	8330N	PICRIC ACID	NO
G02-07DIA	02-07	04/09/2002	PROFILE	110.00	110.00	77.80	77.80	OC21V	ACETONE	
G02-07DIA	02-07	04/09/2002	PROFILE	110.00	110.00	77.80	77.80	OC21V	BENZENE	
G02-07DIA	02-07	04/09/2002	PROFILE	110.00	110.00	77.80	77.80	OC21V	CHLOROFORM	
G02-07DJA	02-07	04/09/2002	PROFILE	120.00	120.00	87.80	87.80	OC21V	CHLOROFORM	
G02-07DKA	02-07	04/09/2002	PROFILE	130.00	130.00	97.80	97.80	8330N	2,4,6-TRINITROTOLUENE	YES*
G02-07DKA	02-07	04/09/2002	PROFILE	130.00	130.00	97.80	97.80	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G02-07DKA	02-07	04/09/2002	PROFILE	130.00	130.00	97.80	97.80	8330N	2,6-DINITROTOLUENE	YES*
G02-07DKA	02-07	04/09/2002	PROFILE	130.00	130.00	97.80	97.80	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G02-07DKA	02-07	04/09/2002	PROFILE	130.00	130.00	97.80	97.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	NO*
G02-07DKA	02-07	04/09/2002	PROFILE	130.00	130.00	97.80	97.80	8330N	NITROGLYCERIN	NO
G02-07DKA	02-07	04/09/2002	PROFILE	130.00	130.00	97.80	97.80	8330N	PICRIC ACID	NO
G02-07DKA	02-07	04/09/2002	PROFILE	130.00	130.00	97.80	97.80	OC21V	CHLOROFORM	
G02-07DLA	02-07	04/09/2002	PROFILE	140.00	140.00	107.80	107.80	E314.0	PERCHLORATE	
G02-07DLA	02-07	04/09/2002	PROFILE	140.00	140.00	107.80	107.80	OC21V	CHLOROFORM	
G02-07DMA	02-07	04/10/2002	PROFILE	150.00	150.00	117.80	117.80	8330N	3-NITROTOLUENE	YES*
G02-07DMA	02-07	04/10/2002	PROFILE	150.00	150.00	117.80	117.80	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G02-07DMA	02-07	04/10/2002	PROFILE	150.00	150.00	117.80	117.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	NO*
G02-07DMA	02-07	04/10/2002	PROFILE	150.00	150.00	117.80	117.80	8330N	NITROGLYCERIN	NO
G02-07DMA	02-07	04/10/2002	PROFILE	150.00	150.00	117.80	117.80	8330N	PICRIC ACID	NO
G02-07DMA	02-07	04/10/2002	PROFILE	150.00	150.00	117.80	117.80	OC21V	ACETONE	

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SAMPLES COLLECTED 3/15/02 - 04/30/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G02-07DMA	02-07	04/10/2002	PROFILE	150.00	150.00	117.80	117.80	OC21V	BENZENE	
G02-07DMA	02-07	04/10/2002	PROFILE	150.00	150.00	117.80	117.80	OC21V	CHLOROFORM	
G02-08DAA	02-08	04/01/2002	PROFILE	30.00	30.00	10.00	10.00	8330N	NITROBENZENE	NO
G02-08DAA	02-08	04/01/2002	PROFILE	30.00	30.00	10.00	10.00	OC21V	ACETONE	
G02-08DAA	02-08	04/01/2002	PROFILE	30.00	30.00	10.00	10.00	OC21V	CHLOROFORM	
G02-08DAA	02-08	04/01/2002	PROFILE	30.00	30.00	10.00	10.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-08DBA	02-08	04/02/2002	PROFILE	40.00	40.00	20.00	20.00	8330N	1,3,5-TRINITROBENZENE	NO
G02-08DBA	02-08	04/02/2002	PROFILE	40.00	40.00	20.00	20.00	8330N	1,3-DINITROBENZENE	NO
G02-08DBA	02-08	04/02/2002	PROFILE	40.00	40.00	20.00	20.00	8330N	NITROGLYCERIN	NO
G02-08DBA	02-08	04/02/2002	PROFILE	40.00	40.00	20.00	20.00	OC21V	ACETONE	
G02-08DBA	02-08	04/02/2002	PROFILE	40.00	40.00	20.00	20.00	OC21V	CHLOROETHANE	
G02-08DBA	02-08	04/02/2002	PROFILE	40.00	40.00	20.00	20.00	OC21V	CHLOROFORM	
G02-08DBA	02-08	04/02/2002	PROFILE	40.00	40.00	20.00	20.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-08DCA	02-08	04/02/2002	PROFILE	50.00	50.00	30.00	30.00	OC21V	ACETONE	
G02-08DCA	02-08	04/02/2002	PROFILE	50.00	50.00	30.00	30.00	OC21V	CHLOROETHANE	
G02-08DCA	02-08	04/02/2002	PROFILE	50.00	50.00	30.00	30.00	OC21V	CHLOROFORM	
G02-08DCA	02-08	04/02/2002	PROFILE	50.00	50.00	30.00	30.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-08DDA	02-08	04/02/2002	PROFILE	60.00	60.00	40.00	40.00	E314.0	PERCHLORATE	
G02-08DDA	02-08	04/02/2002	PROFILE	60.00	60.00	40.00	40.00	OC21V	ACETONE	
G02-08DDA	02-08	04/02/2002	PROFILE	60.00	60.00	40.00	40.00	OC21V	CHLOROFORM	
G02-08DDA	02-08	04/02/2002	PROFILE	60.00	60.00	40.00	40.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-08DEA	02-08	04/02/2002	PROFILE	70.00	70.00	50.00	50.00	E314.0	PERCHLORATE	
G02-08DEA	02-08	04/02/2002	PROFILE	70.00	70.00	50.00	50.00	OC21V	ACETONE	
G02-08DEA	02-08	04/02/2002	PROFILE	70.00	70.00	50.00	50.00	OC21V	CHLOROFORM	
G02-08DEA	02-08	04/02/2002	PROFILE	70.00	70.00	50.00	50.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-08DFA	02-08	04/02/2002	PROFILE	80.00	80.00	60.00	60.00	OC21V	ACETONE	
G02-08DFA	02-08	04/02/2002	PROFILE	80.00	80.00	60.00	60.00	OC21V	CHLOROFORM	
G02-08DFA	02-08	04/02/2002	PROFILE	80.00	80.00	60.00	60.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-08DGA	02-08	04/02/2002	PROFILE	90.00	90.00	70.00	70.00	OC21V	ACETONE	

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SAMPLES COLLECTED 3/15/02 - 04/30/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G02-08DGA	02-08	04/02/2002	PROFILE	90.00	90.00	70.00	70.00	OC21V	CHLOROFORM	
G02-08DGA	02-08	04/02/2002	PROFILE	90.00	90.00	70.00	70.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-08DHA	02-08	04/02/2002	PROFILE	100.00	100.00	80.00	80.00	OC21V	ACETONE	
G02-08DIA	02-08	04/02/2002	PROFILE	110.00	110.00	90.00	90.00	OC21V	ACETONE	
G02-08DIA	02-08	04/02/2002	PROFILE	110.00	110.00	90.00	90.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-08DID	02-08	04/02/2002	PROFILE	110.00	110.00	90.00	90.00	E314.0	PERCHLORATE	
G02-08DID	02-08	04/02/2002	PROFILE	110.00	110.00	90.00	90.00	OC21V	ACETONE	
G02-08DID	02-08	04/02/2002	PROFILE	110.00	110.00	90.00	90.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-08DJA	02-08	04/03/2002	PROFILE	120.00	120.00	100.00	100.00	8330N	NITROGLYCERIN	NO
G02-08DJA	02-08	04/03/2002	PROFILE	120.00	120.00	100.00	100.00	OC21V	ACETONE	
G02-08DKA	02-08	04/03/2002	PROFILE	130.00	130.00	110.00	110.00	8330N	NITROGLYCERIN	NO
G02-08DKA	02-08	04/03/2002	PROFILE	130.00	130.00	110.00	110.00	OC21V	ACETONE	
G02-08DKA	02-08	04/03/2002	PROFILE	130.00	130.00	110.00	110.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-09DFA	02-09	03/27/2002	PROFILE	60.00	60.00	50.90	50.90	E314.0	PERCHLORATE	
G02-09DGA	02-09	03/27/2002	PROFILE	70.00	70.00	60.90	60.90	E314.0	PERCHLORATE	
G02-09DOA	02-09	03/29/2002	PROFILE	150.00	150.00	140.90	140.90	8330N	NITROGLYCERIN	NO
G02-09DOA	02-09	03/29/2002	PROFILE	150.00	150.00	140.90	140.90	OC21V	ACETONE	
G02-09DOA	02-09	03/29/2002	PROFILE	150.00	150.00	140.90	140.90	OC21V	CHLOROETHANE	
G02-09DOA	02-09	03/29/2002	PROFILE	150.00	150.00	140.90	140.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-10DAA	02-10	04/11/2002	PROFILE	50.00	50.00	10.50	10.50	8330N	NITROGLYCERIN	NO
G02-10DAA	02-10	04/11/2002	PROFILE	50.00	50.00	10.50	10.50	8330N	PICRIC ACID	NO
G02-10DAA	02-10	04/11/2002	PROFILE	50.00	50.00	10.50	10.50	OC21V	ACETONE	
G02-10DAA	02-10	04/11/2002	PROFILE	50.00	50.00	10.50	10.50	OC21V	CHLOROFORM	
G02-10DBA	02-10	04/11/2002	PROFILE	60.00	60.00	20.50	20.50	OC21V	ACETONE	
G02-10DBA	02-10	04/11/2002	PROFILE	60.00	60.00	20.50	20.50	OC21V	CHLOROFORM	
G02-10DCA	02-10	04/11/2002	PROFILE	70.00	70.00	30.50	30.50	OC21V	CHLOROFORM	
G02-10DDA	02-10	04/12/2002	PROFILE	80.00	80.00	40.50	40.50	8330N	NITROGLYCERIN	NO
G02-10DDA	02-10	04/12/2002	PROFILE	80.00	80.00	40.50	40.50	OC21V	CHLOROFORM	
G02-10DEA	02-10	04/12/2002	PROFILE	90.00	90.00	50.50	50.50	8330N	NITROGLYCERIN	NO

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G02-10DEA	02-10	04/12/2002	PROFILE	90.00	90.00	50.50	50.50	E314.0	PERCHLORATE	
G02-10DEA	02-10	04/12/2002	PROFILE	90.00	90.00	50.50	50.50	OC21V	CHLOROFORM	
G02-10DFA	02-10	04/12/2002	PROFILE	100.00	100.00	60.50	60.50	8330N	NITROGLYCERIN	NO
G02-10DFA	02-10	04/12/2002	PROFILE	100.00	100.00	60.50	60.50	OC21V	CHLOROFORM	
G02-10DGA	02-10	04/12/2002	PROFILE	110.00	110.00	70.50	70.50	8330N	NITROGLYCERIN	NO
G02-10DGA	02-10	04/12/2002	PROFILE	110.00	110.00	70.50	70.50	8330N	PICRIC ACID	NO
G02-10DGA	02-10	04/12/2002	PROFILE	110.00	110.00	70.50	70.50	OC21V	CHLOROFORM	
G02-10DHA	02-10	04/15/2002	PROFILE	120.00	120.00	80.50	80.50	8330N	NITROGLYCERIN	NO
G02-10DHA	02-10	04/15/2002	PROFILE	120.00	120.00	80.50	80.50	OC21V	CHLOROFORM	
G02-10DHD	02-10	04/15/2002	PROFILE	120.00	120.00	80.50	80.50	OC21V	ACETONE	
G02-10DHD	02-10	04/15/2002	PROFILE	120.00	120.00	80.50	80.50	OC21V	CHLOROFORM	
G02-10DIA	02-10	04/15/2002	PROFILE	130.00	130.00	90.50	90.50	8330N	NITROGLYCERIN	NO
G02-10DIA	02-10	04/15/2002	PROFILE	130.00	130.00	90.50	90.50	8330N	PICRIC ACID	NO
G02-10DIA	02-10	04/15/2002	PROFILE	130.00	130.00	90.50	90.50	OC21V	ACETONE	
G02-10DIA	02-10	04/15/2002	PROFILE	130.00	130.00	90.50	90.50	OC21V	CHLOROFORM	
G02-10DJA	02-10	04/15/2002	PROFILE	140.00	140.00	100.00	100.00	OC21V	ACETONE	
G02-10DJA	02-10	04/15/2002	PROFILE	140.00	140.00	100.00	100.00	OC21V	CHLOROFORM	
G02-10DJA	02-10	04/15/2002	PROFILE	140.00	140.00	100.50	100.50	E314.0	PERCHLORATE	
G02-10DKA	02-10	04/15/2002	PROFILE	150.00	150.00	110.50	110.50	8330N	NITROGLYCERIN	NO
G02-10DKA	02-10	04/15/2002	PROFILE	150.00	150.00	110.50	110.50	OC21V	ACETONE	
G02-10DKA	02-10	04/15/2002	PROFILE	150.00	150.00	110.50	110.50	OC21V	CHLOROFORM	
G02-10DLA	02-10	04/15/2002	PROFILE	159.30	159.30	120.50	120.50	OC21V	CHLOROFORM	
G02-13DAA	02-13	03/29/2002	PROFILE	44.00	46.00	6.20	8.20	8330N	NITROGLYCERIN	NO
G02-13DAA	02-13	03/29/2002	PROFILE	44.00	46.00	6.20	8.20	OC21V	ACETONE	
G02-13DAA	02-13	03/29/2002	PROFILE	44.00	46.00	6.20	8.20	OC21V	CHLOROFORM	
G02-13DBA	02-13	03/29/2002	PROFILE	50.00	50.00	12.20	12.20	OC21V	ACETONE	
G02-13DBA	02-13	03/29/2002	PROFILE	50.00	50.00	12.20	12.20	OC21V	CHLOROFORM	
G02-13DCA	02-13	04/01/2002	PROFILE	60.00	60.00	22.20	22.20	8330N	2,6-DINITROTOLUENE	YES
G02-13DCA	02-13	04/01/2002	PROFILE	60.00	60.00	22.20	22.20	8330N	NITROGLYCERIN	NO

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G02-13DCA	02-13	04/01/2002	PROFILE	60.00	60.00	22.20	22.20	OC21V	ACETONE	
G02-13DCA	02-13	04/01/2002	PROFILE	60.00	60.00	22.20	22.20	OC21V	CHLOROFORM	
G02-13DDA	02-13	04/01/2002	PROFILE	70.00	70.00	32.20	32.20	OC21V	ACETONE	
G02-13DDA	02-13	04/01/2002	PROFILE	70.00	70.00	32.20	32.20	OC21V	CHLOROFORM	
G02-13DDA	02-13	04/01/2002	PROFILE	70.00	70.00	32.20	32.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-13DEA	02-13	04/01/2002	PROFILE	80.00	80.00	42.20	42.20	8330N	NITROGLYCERIN	NO
G02-13DEA	02-13	04/01/2002	PROFILE	80.00	80.00	42.20	42.20	OC21V	CHLOROFORM	
G02-13DEA	02-13	04/01/2002	PROFILE	80.00	80.00	42.20	42.20	OC21V	CHLOROMETHANE	
G02-13DFA	02-13	04/01/2002	PROFILE	90.00	90.00	52.20	52.20	8330N	NITROGLYCERIN	NO
G02-13DFA	02-13	04/01/2002	PROFILE	90.00	90.00	52.20	52.20	OC21V	ACETONE	
G02-13DFA	02-13	04/01/2002	PROFILE	90.00	90.00	52.20	52.20	OC21V	CHLOROFORM	
G02-13DGA	02-13	04/01/2002	PROFILE	100.00	100.00	62.20	62.20	OC21V	CHLOROFORM	
G02-13DHA	02-13	04/01/2002	PROFILE	110.00	100.00	72.20	72.20	8330N	NITROGLYCERIN	NO
G02-13DHA	02-13	04/01/2002	PROFILE	110.00	100.00	72.20	72.20	OC21V	CHLOROFORM	
G02-13DIA	02-13	04/02/2002	PROFILE	120.00	120.00	82.20	82.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	NO
G02-13DIA	02-13	04/02/2002	PROFILE	120.00	120.00	82.20	82.20	8330N	NITROGLYCERIN	NO
G02-13DIA	02-13	04/02/2002	PROFILE	120.00	120.00	82.20	82.20	8330N	PICRIC ACID	NO
G02-13DIA	02-13	04/02/2002	PROFILE	120.00	120.00	82.20	82.20	OC21V	ACETONE	
G02-13DIA	02-13	04/02/2002	PROFILE	120.00	120.00	82.20	82.20	OC21V	CHLOROFORM	
G02-13DKA	02-13	04/03/2002	PROFILE	140.00	140.00	102.20	102.20	8330N	NITROGLYCERIN	NO
G02-13DKA	02-13	04/03/2002	PROFILE	140.00	140.00	102.20	102.20	OC21V	ACETONE	
G02-13DKA	02-13	04/03/2002	PROFILE	140.00	140.00	102.20	102.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-13DLA	02-13	04/03/2002	PROFILE	148.00	148.00	110.20	110.20	8330N	NITROGLYCERIN	NO
G02-13DLA	02-13	04/03/2002	PROFILE	148.00	148.00	110.20	110.20	OC21V	ACETONE	
G02-15DAA	02-15	04/25/2002	PROFILE	50.00	50.00	0.00	10.00	OC21V	CHLOROFORM	
G02-15DBA	02-15	04/26/2002	PROFILE	60.00	60.00	9.80	9.80	8330N	NITROGLYCERIN	NO
G02-15DBA	02-15	04/26/2002	PROFILE	60.00	60.00	9.80	9.80	OC21V	ACETONE	
G02-15DBA	02-15	04/26/2002	PROFILE	60.00	60.00	9.80	9.80	OC21V	CHLOROFORM	
G02-15DCA	02-15	04/29/2002	PROFILE	70.00	70.00	19.80	19.80	8330N	3-NITROTOLUENE	NO*

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G02-15DCA	02-15	04/29/2002	PROFILE	70.00	70.00	19.80	19.80	8330N	4-NITROTOLUENE	NO
G02-15DCA	02-15	04/29/2002	PROFILE	70.00	70.00	19.80	19.80	8330N	NITROGLYCERIN	NO
G02-15DCA	02-15	04/29/2002	PROFILE	70.00	70.00	19.80	19.80	OC21V	ACETONE	
G02-15DCA	02-15	04/29/2002	PROFILE	70.00	70.00	19.80	19.80	OC21V	CHLOROFORM	
G02-15DDA	02-15	04/29/2002	PROFILE	80.00	80.00	29.80	29.80	OC21V	CHLOROFORM	
G02-15DEA	02-15	04/29/2002	PROFILE	90.00	90.00	39.80	39.80	OC21V	CHLOROFORM	
G02-15DFA	02-15	04/29/2002	PROFILE	100.00	100.00	49.80	49.80	OC21V	CHLOROFORM	
G02-15DGA	02-15	04/29/2002	PROFILE	110.00	110.00	59.80	59.80	OC21V	CHLOROFORM	
G02-15DHA	02-15	04/30/2002	PROFILE	120.00	120.00	69.80	69.80	8330N	2,6-DINITROTOLUENE	YES*
G02-15DHA	02-15	04/30/2002	PROFILE	120.00	120.00	69.80	69.80	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G02-15DHA	02-15	04/30/2002	PROFILE	120.00	120.00	69.80	69.80	8330N	NITROGLYCERIN	NO
G02-15DHA	02-15	04/30/2002	PROFILE	120.00	120.00	69.80	69.80	OC21V	ACETONE	
G02-15DHA	02-15	04/30/2002	PROFILE	120.00	120.00	69.80	69.80	OC21V	CHLOROFORM	
G02-15DIA	02-15	04/30/2002	PROFILE	130.00	130.00	79.80	79.80	OC21V	CHLOROFORM	
G02-15DJA	02-15	04/30/2002	PROFILE	140.00	140.00	89.80	89.80	OC21V	CHLOROFORM	
G02-15DKA	02-15	04/30/2002	PROFILE	150.00	150.00	99.80	99.80	8330N	NITROGLYCERIN	NO
G02-15DKA	02-15	04/30/2002	PROFILE	150.00	150.00	99.80	99.80	OC21V	ACETONE	
G02-15DKA	02-15	04/30/2002	PROFILE	150.00	150.00	99.80	99.80	OC21V	CHLOROFORM	
G02-15DKA	02-15	04/30/2002	PROFILE	150.00	150.00	99.80	99.80	OC21V	METHYL ETHYL KETONE (2-BUTA	
G02-15DLA	02-15	04/30/2002	PROFILE	160.00	160.00	109.80	109.80	8330N	NITROGLYCERIN	NO
G02-15DLA	02-15	04/30/2002	PROFILE	160.00	160.00	109.80	109.80	OC21V	CHLOROFORM	
G02-15DMA	02-15	04/30/2002	PROFILE	164.00	164.00	113.80	113.80	8330N	NITROGLYCERIN	NO
G02-15DMA	02-15	04/30/2002	PROFILE	164.00	164.00	113.80	113.80	OC21V	CHLOROFORM	
G211DAA	MW-211	04/10/2002	PROFILE	150.00	150.00	7.00	7.00	8330N	2,6-DINITROTOLUENE	YES
G211DAA	MW-211	04/10/2002	PROFILE	150.00	150.00	7.00	7.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G211DAA	MW-211	04/10/2002	PROFILE	150.00	150.00	7.00	7.00	8330N	PICRIC ACID	NO
G211DBA	MW-211	04/10/2002	PROFILE	160.00	160.00	17.00	17.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G211DBA	MW-211	04/10/2002	PROFILE	160.00	160.00	17.00	17.00	8330N	PICRIC ACID	NO
G211DCA	MW-211	04/10/2002	PROFILE	170.00	170.00	27.00	27.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 3/15/02 - 04/30/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G211DCA	MW-211	04/10/2002	PROFILE	170.00	170.00	27.00	27.00	8330N	NITROGLYCERIN	NO
G211DCA	MW-211	04/10/2002	PROFILE	170.00	170.00	27.00	27.00	8330N	PICRIC ACID	NO
G211DCA	MW-211	04/10/2002	PROFILE	170.00	170.00	27.00	27.00	E314.0	PERCHLORATE	
G211DDA	MW-211	04/10/2002	PROFILE	180.00	180.00	37.00	37.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G211DDA	MW-211	04/10/2002	PROFILE	180.00	180.00	37.00	37.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
G211DDA	MW-211	04/10/2002	PROFILE	180.00	180.00	37.00	37.00	E314.0	PERCHLORATE	
G211DEA	MW-211	04/10/2002	PROFILE	190.00	190.00	47.00	47.00	E314.0	PERCHLORATE	
G211DFA	MW-211	04/11/2002	PROFILE	200.00	200.00	57.00	57.00	8330N	3-NITROTOLUENE	YES*
G211DFA	MW-211	04/11/2002	PROFILE	200.00	200.00	57.00	57.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G211DFA	MW-211	04/11/2002	PROFILE	200.00	200.00	57.00	57.00	8330N	NITROGLYCERIN	NO
G211DFA	MW-211	04/11/2002	PROFILE	200.00	200.00	57.00	57.00	8330N	PICRIC ACID	NO
G211DFA	MW-211	04/11/2002	PROFILE	200.00	200.00	57.00	57.00	E314.0	PERCHLORATE	
G211DGA	MW-211	04/11/2002	PROFILE	210.00	210.00	67.00	67.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	YES
G211DGA	MW-211	04/11/2002	PROFILE	210.00	210.00	67.00	67.00	E314.0	PERCHLORATE	
G211DJA	MW-211	04/12/2002	PROFILE	240.00	240.00	97.00	97.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G211DJA	MW-211	04/12/2002	PROFILE	240.00	240.00	97.00	97.00	8330N	PENTAERYTHRITOL TETRANITRAT	NO
G211DJA	MW-211	04/12/2002	PROFILE	240.00	240.00	97.00	97.00	8330N	PICRIC ACID	NO
G211DKA	MW-211	04/12/2002	PROFILE	250.00	250.00	107.00	107.00	8330N	3-NITROTOLUENE	YES
G211DKA	MW-211	04/12/2002	PROFILE	250.00	250.00	107.00	107.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G211DKA	MW-211	04/12/2002	PROFILE	250.00	250.00	107.00	107.00	8330N	PICRIC ACID	NO
G211DNA	MW-211	04/15/2002	PROFILE	280.00	280.00	137.00	137.00	8330N	NITROGLYCERIN	NO
G211DND	MW-211	04/15/2002	PROFILE	280.00	280.00	137.00	137.00	8330N	NITROGLYCERIN	NO
G211DQA	MW-211	04/16/2002	PROFILE	310.00	310.00	167.00	167.00	8330N	3-NITROTOLUENE	NO
G211DQA	MW-211	04/16/2002	PROFILE	310.00	310.00	167.00	167.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G211DQA	MW-211	04/16/2002	PROFILE	310.00	310.00	167.00	167.00	8330N	NITROGLYCERIN	NO
G211DQA	MW-211	04/16/2002	PROFILE	310.00	310.00	167.00	167.00	8330N	PICRIC ACID	NO
G212DAA	MW-212	04/18/2002	PROFILE	220.00	220.00	11.70	11.70	8330N	4-NITROTOLUENE	NO
G212DAA	MW-212	04/18/2002	PROFILE	220.00	220.00	11.70	11.70	8330N	NITROGLYCERIN	NO
G212DBA	MW-212	04/18/2002	PROFILE	230.00	230.00	21.70	21.70	8330N	1,3,5-TRINITROBENZENE	NO

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SAMPLES COLLECTED 3/15/02 - 04/30/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G212DBA	MW-212	04/18/2002	PROFILE	230.00	230.00	21.70	21.70	8330N	1,3-DINITROBENZENE	NO
G212DBA	MW-212	04/18/2002	PROFILE	230.00	230.00	21.70	21.70	8330N	2-NITROTOLUENE	NO
G212DBA	MW-212	04/18/2002	PROFILE	230.00	230.00	21.70	21.70	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G212DBA	MW-212	04/18/2002	PROFILE	230.00	230.00	21.70	21.70	8330N	4-NITROTOLUENE	NO
G212DBA	MW-212	04/18/2002	PROFILE	230.00	230.00	21.70	21.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	NO
G212DBA	MW-212	04/18/2002	PROFILE	230.00	230.00	21.70	21.70	8330N	NITROGLYCERIN	NO
G212DBA	MW-212	04/18/2002	PROFILE	230.00	230.00	21.70	21.70	8330N	PICRIC ACID	NO
G212DCA	MW-212	04/18/2002	PROFILE	240.00	240.00	31.70	31.70	8330N	NITROGLYCERIN	NO
G212DCA	MW-212	04/18/2002	PROFILE	240.00	240.00	31.70	31.70	8330N	PICRIC ACID	NO
G212DDA	MW-212	04/18/2002	PROFILE	250.00	250.00	41.70	41.70	8330N	1,3,5-TRINITROBENZENE	NO
G212DDA	MW-212	04/18/2002	PROFILE	250.00	250.00	41.70	41.70	8330N	1,3-DINITROBENZENE	NO
G212DDA	MW-212	04/18/2002	PROFILE	250.00	250.00	41.70	41.70	8330N	2,6-DINITROTOLUENE	YES*
G212DDA	MW-212	04/18/2002	PROFILE	250.00	250.00	41.70	41.70	8330N	2-NITROTOLUENE	NO
G212DDA	MW-212	04/18/2002	PROFILE	250.00	250.00	41.70	41.70	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G212DDA	MW-212	04/18/2002	PROFILE	250.00	250.00	41.70	41.70	8330N	4-NITROTOLUENE	NO
G212DDA	MW-212	04/18/2002	PROFILE	250.00	250.00	41.70	41.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	NO
G212DDA	MW-212	04/18/2002	PROFILE	250.00	250.00	41.70	41.70	8330N	NITROBENZENE	NO
G212DDA	MW-212	04/18/2002	PROFILE	250.00	250.00	41.70	41.70	8330N	NITROGLYCERIN	NO
G212DDA	MW-212	04/18/2002	PROFILE	250.00	250.00	41.70	41.70	8330N	PICRIC ACID	NO
G212DEA	MW-212	04/18/2002	PROFILE	260.00	260.00	51.70	51.70	8330N	1,3,5-TRINITROBENZENE	NO
G212DEA	MW-212	04/18/2002	PROFILE	260.00	260.00	51.70	51.70	8330N	1,3-DINITROBENZENE	NO
G212DEA	MW-212	04/18/2002	PROFILE	260.00	260.00	51.70	51.70	8330N	2,6-DINITROTOLUENE	YES*
G212DEA	MW-212	04/18/2002	PROFILE	260.00	260.00	51.70	51.70	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G212DEA	MW-212	04/18/2002	PROFILE	260.00	260.00	51.70	51.70	8330N	4-NITROTOLUENE	NO
G212DEA	MW-212	04/18/2002	PROFILE	260.00	260.00	51.70	51.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	NO
G212DEA	MW-212	04/18/2002	PROFILE	260.00	260.00	51.70	51.70	8330N	NITROGLYCERIN	NO
G212DEA	MW-212	04/18/2002	PROFILE	260.00	260.00	51.70	51.70	8330N	PICRIC ACID	NO
G212DFA	MW-212	04/19/2002	PROFILE	270.00	270.00	61.70	61.70	8330N	2-NITROTOLUENE	NO
G212DFA	MW-212	04/19/2002	PROFILE	270.00	270.00	61.70	61.70	8330N	4-AMINO-2,6-DINITROTOLUENE	NO

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G212DFA	MW-212	04/19/2002	PROFILE	270.00	270.00	61.70	61.70	8330N	4-NITROTOLUENE	NO
G212DFA	MW-212	04/19/2002	PROFILE	270.00	270.00	61.70	61.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	NO*
G212DFA	MW-212	04/19/2002	PROFILE	270.00	270.00	61.70	61.70	8330N	NITROGLYCERIN	NO
G212DFA	MW-212	04/19/2002	PROFILE	270.00	270.00	61.70	61.70	8330N	PICRIC ACID	NO
G212DGA	MW-212	04/19/2002	PROFILE	280.00	280.00	71.70	71.70	8330N	2-NITROTOLUENE	NO
G212DGA	MW-212	04/19/2002	PROFILE	280.00	280.00	71.70	71.70	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G212DGA	MW-212	04/19/2002	PROFILE	280.00	280.00	71.70	71.70	8330N	4-NITROTOLUENE	NO
G212DGA	MW-212	04/19/2002	PROFILE	280.00	280.00	71.70	71.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	NO*
G212DGA	MW-212	04/19/2002	PROFILE	280.00	280.00	71.70	71.70	8330N	NITROGLYCERIN	NO
G212DGA	MW-212	04/19/2002	PROFILE	280.00	280.00	71.70	71.70	8330N	PICRIC ACID	NO
G212DHA	MW-212	04/19/2002	PROFILE	290.00	290.00	81.70	81.70	8330N	NITROGLYCERIN	NO
G212DIA	MW-212	04/23/2002	PROFILE	300.00	300.00	91.70	91.70	8330N	NITROGLYCERIN	NO
G212DJA	MW-212	04/23/2002	PROFILE	310.00	310.00	101.70	101.70	8330N	NITROGLYCERIN	NO
G212DKA	MW-212	04/23/2002	PROFILE	320.00	320.00	111.70	111.70	8330N	NITROGLYCERIN	NO
G212DLA	MW-212	04/23/2002	PROFILE	330.00	330.00	121.70	121.70	8330N	NITROGLYCERIN	NO
G212DMA	MW-212	04/24/2002	PROFILE	340.00	340.00	131.70	131.70	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G212DMA	MW-212	04/24/2002	PROFILE	340.00	340.00	131.70	131.70	8330N	NITROGLYCERIN	NO
G212DMA	MW-212	04/24/2002	PROFILE	340.00	340.00	131.70	131.70	8330N	PICRIC ACID	NO
G212DNA	MW-212	04/24/2002	PROFILE	350.00	350.00	141.70	141.70	8330N	NITROGLYCERIN	NO
G212DPA	MW-212	04/24/2002	PROFILE	370.00	370.00	161.70	161.70	8330N	NITROGLYCERIN	NO
G213DAA	MW-213	04/17/2002	PROFILE	50.00	50.00	1.47	1.47	8330N	2,4,6-TRINITROTOLUENE	NO
G213DAA	MW-213	04/17/2002	PROFILE	50.00	50.00	1.47	1.47	8330N	2,6-DINITROTOLUENE	NO*
G213DAA	MW-213	04/17/2002	PROFILE	50.00	50.00	1.47	1.47	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G213DAA	MW-213	04/17/2002	PROFILE	50.00	50.00	1.47	1.47	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-	NO
G213DAA	MW-213	04/17/2002	PROFILE	50.00	50.00	1.47	1.47	8330N	NITROGLYCERIN	NO
G213DAA	MW-213	04/17/2002	PROFILE	50.00	50.00	1.47	1.47	OC21V	ACETONE	
G213DAA	MW-213	04/17/2002	PROFILE	50.00	50.00	1.47	1.47	OC21V	BENZENE	
G213DBA	MW-213	04/17/2002	PROFILE	60.00	60.00	11.47	11.47	8330N	NITROGLYCERIN	NO
G213DBA	MW-213	04/17/2002	PROFILE	60.00	60.00	11.47	11.47	OC21V	ACETONE	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G213DBA	MW-213	04/17/2002	PROFILE	60.00	60.00	11.47	11.47	OC21V	CHLOROFORM	
G213DCA	MW-213	04/17/2002	PROFILE	70.00	70.00	21.47	21.47	8330N	NITROGLYCERIN	NO
G213DCA	MW-213	04/17/2002	PROFILE	70.00	70.00	21.47	21.47	E314.0	PERCHLORATE	
G213DCA	MW-213	04/17/2002	PROFILE	70.00	70.00	21.47	21.47	OC21V	CHLOROFORM	
G213DDA	MW-213	04/17/2002	PROFILE	80.00	80.00	31.47	31.47	E314.0	PERCHLORATE	
G213DDA	MW-213	04/17/2002	PROFILE	810.00	80.00	31.47	31.47	8330N	2,6-DINITROTOLUENE	YES*
G213DDA	MW-213	04/17/2002	PROFILE	810.00	80.00	31.47	31.47	8330N	4-NITROTOLUENE	NO
G213DDA	MW-213	04/17/2002	PROFILE	810.00	80.00	31.47	31.47	8330N	NITROGLYCERIN	NO
G213DDA	MW-213	04/17/2002	PROFILE	810.00	80.00	31.47	31.47	8330N	PICRIC ACID	NO
G213DDA	MW-213	04/17/2002	PROFILE	810.00	80.00	31.47	31.47	OC21V	ACETONE	
G213DDA	MW-213	04/17/2002	PROFILE	810.00	80.00	31.47	31.47	OC21V	CHLOROFORM	
G213DDA	MW-213	04/17/2002	PROFILE	810.00	80.00	31.47	31.47	OC21V	METHYL ETHYL KETONE (2-BUTA	
G213DEA	MW-213	04/17/2002	PROFILE	90.00	90.00	41.47	41.47	8330N	NITROGLYCERIN	NO
G213DEA	MW-213	04/17/2002	PROFILE	90.00	90.00	41.47	41.47	8330N	PICRIC ACID	NO
G213DEA	MW-213	04/17/2002	PROFILE	90.00	90.00	41.47	41.47	E314.0	PERCHLORATE	
G213DEA	MW-213	04/17/2002	PROFILE	90.00	90.00	41.47	41.47	OC21V	ACETONE	
G213DEA	MW-213	04/17/2002	PROFILE	90.00	90.00	41.47	41.47	OC21V	CHLOROFORM	
G213DEA	MW-213	04/17/2002	PROFILE	90.00	90.00	41.47	41.47	OC21V	METHYL ETHYL KETONE (2-BUTA	
G213DFA	MW-213	04/18/2002	PROFILE	100.00	100.00	51.47	51.47	8330N	NITROGLYCERIN	NO
G213DFA	MW-213	04/18/2002	PROFILE	100.00	100.00	51.47	51.47	8330N	PICRIC ACID	NO
G213DFA	MW-213	04/18/2002	PROFILE	100.00	100.00	51.47	51.47	E314.0	PERCHLORATE	
G213DFA	MW-213	04/18/2002	PROFILE	100.00	100.00	51.47	51.47	OC21V	ACETONE	
G213DGA	MW-213	04/18/2002	PROFILE	110.00	110.00	61.47	61.47	8330N	NITROGLYCERIN	NO
G213DGA	MW-213	04/18/2002	PROFILE	110.00	110.00	61.47	61.47	8330N	PICRIC ACID	NO
G213DGA	MW-213	04/18/2002	PROFILE	110.00	110.00	61.47	61.47	OC21V	ACETONE	
G213DGA	MW-213	04/18/2002	PROFILE	110.00	110.00	61.47	61.47	OC21V	CHLOROFORM	
G213DHA	MW-213	04/18/2002	PROFILE	120.00	120.00	71.47	71.47	OC21V	CHLOROFORM	
G213DIA	MW-213	04/18/2002	PROFILE	130.00	130.00	81.47	81.47	8330N	4-NITROTOLUENE	NO
G213DIA	MW-213	04/18/2002	PROFILE	130.00	130.00	81.47	81.47	8330N	NITROGLYCERIN	NO

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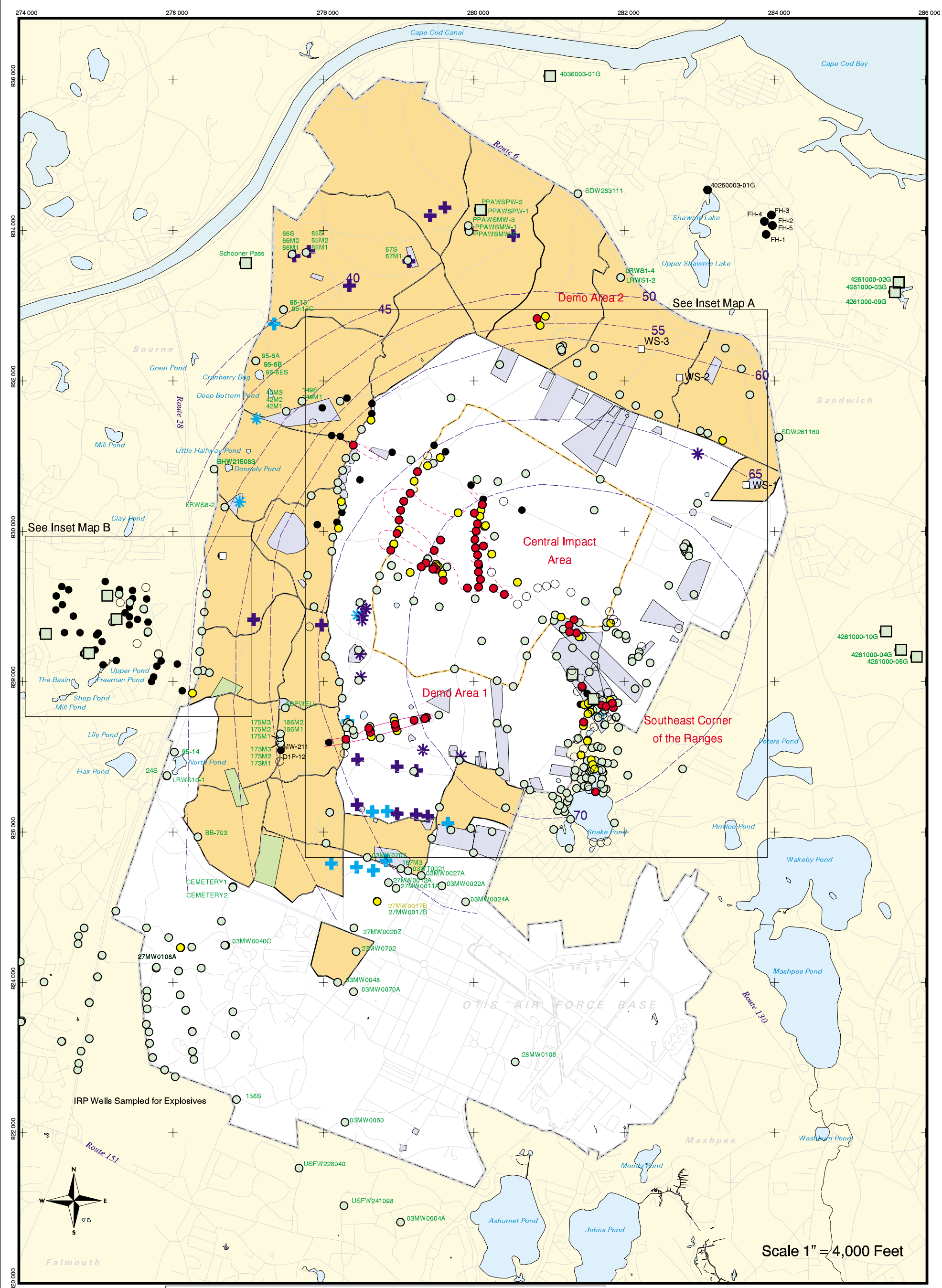
OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G213DIA	MW-213	04/18/2002	PROFILE	130.00	130.00	81.47	81.47	OC21V	ACETONE	
G213DIA	MW-213	04/18/2002	PROFILE	130.00	130.00	81.47	81.47	OC21V	CHLOROFORM	
G213DJA	MW-213	04/18/2002	PROFILE	140.00	140.00	91.47	91.47	OC21V	CHLOROFORM	
G213DKA	MW-213	04/18/2002	PROFILE	150.00	150.00	101.47	101.47	OC21V	ACETONE	
G213DKA	MW-213	04/18/2002	PROFILE	150.00	150.00	101.47	101.47	OC21V	CHLOROFORM	
G213DLA	MW-213	04/19/2002	PROFILE	160.00	160.00	111.47	111.47	8330N	4-NITROTOLUENE	NO
G213DLA	MW-213	04/19/2002	PROFILE	160.00	160.00	111.47	111.47	8330N	NITROGLYCERIN	NO
G213DLA	MW-213	04/19/2002	PROFILE	160.00	160.00	111.47	111.47	OC21V	ACETONE	
G213DLA	MW-213	04/19/2002	PROFILE	160.00	160.00	111.47	111.47	OC21V	CHLOROFORM	
G213DMA	MW-213	04/19/2002	PROFILE	170.00	170.00	121.47	121.47	OC21V	ACETONE	
G213DNA	MW-213	04/19/2002	PROFILE	180.00	180.00	131.47	131.47	8330N	NITROGLYCERIN	NO
G213DNA	MW-213	04/19/2002	PROFILE	180.00	180.00	131.47	131.47	8330N	PICRIC ACID	NO
G213DNA	MW-213	04/19/2002	PROFILE	180.00	180.00	131.47	131.47	OC21V	ACETONE	
G213DOA	MW-213	04/19/2002	PROFILE	190.00	190.00	141.47	141.47	OC21V	ACETONE	
G213DOA	MW-213	04/19/2002	PROFILE	190.00	190.00	141.47	141.47	OC21V	CHLOROFORM	
G213DPA	MW-213	04/19/2002	PROFILE	200.00	200.00	151.47	151.47	OC21V	ACETONE	
G213DPA	MW-213	04/19/2002	PROFILE	200.00	200.00	151.47	151.47	OC21V	CHLOROFORM	
G213DPD	MW-213	04/19/2002	PROFILE	200.00	200.00	151.47	151.47	OC21V	ACETONE	
G213DPD	MW-213	04/19/2002	PROFILE	200.00	200.00	151.47	151.47	OC21V	CHLOROFORM	
G213DQA	MW-213	04/19/2002	PROFILE	210.00	210.00	161.47	161.47	OC21V	CHLOROFORM	
G213DRA	MW-213	04/19/2002	PROFILE	220.00	220.00	171.47	171.47	OC21V	CHLOROFORM	
G213DSA	MW-213	04/19/2002	PROFILE	230.00	230.00	181.47	181.47	OC21V	ACETONE	
G213DTA	MW-213	04/19/2002	PROFILE	240.00	240.00	191.47	191.47	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G213DTA	MW-213	04/19/2002	PROFILE	240.00	240.00	191.47	191.47	8330N	2,6-DINITROTOLUENE	YES*
G213DTA	MW-213	04/19/2002	PROFILE	240.00	240.00	191.47	191.47	8330N	2-NITROTOLUENE	NO
G213DTA	MW-213	04/19/2002	PROFILE	240.00	240.00	191.47	191.47	8330N	4-NITROTOLUENE	NO
G213DTA	MW-213	04/19/2002	PROFILE	240.00	240.00	191.47	191.47	8330N	4-NITROTOLUENE	NO
G213DTA	MW-213	04/19/2002	PROFILE	240.00	240.00	191.47	191.47	8330N	PICRIC ACID	NO
G213DTA	MW-213	04/19/2002	PROFILE	240.00	240.00	191.47	191.47	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 3/15/02 - 04/30/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G213DTA	MW-213	04/19/2002	PROFILE	240.00	240.00	191.47	191.47	OC21V	ACETONE	
G213DTA	MW-213	04/19/2002	PROFILE	240.00	240.00	191.47	191.47	OC21V	CHLOROFORM	
G213DUA	MW-213	04/19/2002	PROFILE	246.00	246.00	197.47	197.47	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



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 May 08, 2002 DRAFT

IAGWSP Impact Area Groundwater Study Program

Figure 1

Explosives in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 4/26/02

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Demo Area 2

Central Impact Area

CS-19

Demo Area 1

Southeast Corner of the Ranges

Doughnut Pond

Gibbs Pond

Round Swamp

Baileys Pond

Grassy Pond

Succonsette Pond

Ox Pond

Opening Pond

J-3 Wetland

Snake Pond

Weeks Pond

Bypass Bog

Peters Pond

Pimlico Pond

Raccoon Ln

Burgoyne Rd

Gibbs Rd

Jefferson Rd

Spruce Swamp Rd

Pocasset Sandwich Rd

Wood Rd

Barlow Rd

Tank Alley

Turpentine Rd

Wheelock Rd

Pocasset Forestdale Rd

Greenway Rd

Arnold Rd

Snake Pond Rd

Rt 130

WS-1 WS-2 WS-3

45 50 55 60 65 70

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

852 000 851 000 850 000 829 000 828 000 827 000 826 000

160S 161S 16S 16D 53S 53M3 53M2 53M1 53D 11MW0002 11MW0003 11MW0004 11MW0001 17S 17M3 17M2 17M1 17D LRMW0003 RW-3 RW-1 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 133M2 133M1 MW-212 MW-202 MW-206 MW-178 50S 50M3 50M2 50M1 50D 51S 51M3 51M2 51M1 51D CIAP-25 MW-176 MW-207 23S 23M3 23M2 23M1 23D MW-208 MW-203 MW-185 CIAP-14 180M2 180M1 97M3 97M2 97M1 41M3 41M2 41M1 96S 96M2 96M1 124M3 124M2 124M1 72S 123S 123M2 123M1 86S 86M2 86M1 MW-209 43S 43M2 43M1 95S 95M2 95M1 03S 03M2 03M1 03D 159S 159M1 04S 11S MW-204 MW-179 CIAP-23 MW-205 05S 05M2 05M1 05D 103S 103M2 103M1 102S 102M2 102M1 183M2 183M1 89M3 89M2 89M1 88M3 88M2 88M1 141S 141M2 141M1 113M2 113M1 02S 02M2 02M1 02D 112M2 112M1 92S 92M1 98S 98M1 59S 59M2 59M1 108M4 108M3 108M2 108M1 108D 110M3 110M2 110M1 MW-201 87M3 87M2 87M1 MW-200 MW-182 39S 39M2 39M1 26S 99S 99M1 106M2 106M1 100M2 100M1 135M3 135M2 135M1 177M2 177M1 58MW0016A 58MW0018B 58MW0018C 58MW0007C 58MW0007B 58MW0007E 38S 38M4 38M3 38M2 38M1 184M2 184M1 105M2 105M1 101S 101M1 44S 44M2 44M1 22S 111M3 111M2 111M1 58MW0017A 58MW0017B 58MW0017C 38D 93M2 93M1 58MW0003 58MW0009C 58MW0009E 58MW0010A 58MW0010B 58MW0015A 58MW0015B 58MW0004 138M3 138M2 138M1 58MW0008E 58MW0011D 58MW0011E 58MW0002 58MW0001 58MW0005E 91S 91M1 OW-1 OW-3 OW-2 CIAP-24 174S 134S 134M2 134M1 15S 15M3 15M2 15M1 15D 09S 94S 94M2 94M1 58MW0016A 58MW0016B 58MW0016C 58MW0005E 25S 90S 90M1 01S 01M2 01M1 01D 37M3 37M2 37M1 85S 85M1 40S 40M1 27S 107M2 107M1 CIAP-11 J1P-18 J1P-16 J1P-17 J1P-1 CIAP-12 104S 104M2 104M1 115S 115M1 08S 71S 71M1 RANGECON RRAP-1 192M3 192M2 192M1 12S J2P-13 J2P-12 J2P-14 J2P-16 06S 187S 187M1 187D 164M3 164M2 164M1 118M2 118M1 126S 126M1 166M3 166M2 166M1 168M1 29S 130S 130M1 130D 119S 117S 137S SMR-2 120S 120M1 57S 57M3 57M2 57M1 57D 58S 191S 191M2 191M1 189S 136S 136M1 168M3 168M2 168M1 152M2 152M1 07S 07M2 07M1 07D 190M2 190M1 13S 13D 127S 116S 121S 154S 154M1 122S 158S 158M2 158M1 J2P-15 SMR-4 SMR-4 70S 70M1 21S 21M3 21M2 21M1 21D 14S 61S 28S 28M2 28M1 LP-10 128S 128M2 128M1 J3P-23 TEXTRONPW-2 J3P-21 125S 125M1 163S 132S 132M1 147M3 147M2 147M1 153M3 153M2 153M1 131S 131M2 131M1 LRWS7-1 J3P-17 MW-193 LP-9 LP-8 90LWA0007 90WT0006 45S 45M2 45M1 146S 146M1 MW-195 90MW0029B TEXTRONPW-1 197M3 30S MW-194 90MW0013 90WT0019 90WT0013 144S 144M2 144M1 MW-198 MW-196 MW-181 90MW0021 90WT0004 J3P-10 LP-7 90WT0003 90WT0015 143M3 143M2 143M1 LP-6 LP-5 140M1 90MW0041 90MW0014 90MW0038 90MW0022 145S 145M1 148S 148M1 90MW0031 90MW0019 90MW0034 142S 142M2 142M1 J3P-27 J-3 Wetland 90WT0005 J3P-18 90MW0004 155M2 155M1 157M2 157M1 157D J3P-20 90MW0070 90MW0071 90MW0003 90MW0005 J3P-19 90MW0063 90MW0054 J3P-22 90EW0003 90EW0002 90MW0080 90MW0009 90EW0001 90MP0059 90MW0101A 90MW0006 90MW0015 RS0005 90PZ021 90PZ0204 90RI0005 90RI0006 90PZ0208 J3P-24 J3P-25 90MW0010 90MW0011 90MW0102A ECMWSNP02S ECMWSNP02D RS0003 RS0039 90SNP0001 90MW0059B RS0033 RS0040 RS0036 ECMWSNP03S ECMWSNP03D RS0024 RS0034 169M2 169M1 90MP0060 90SNP0002 90WT0008 RS0015 J3P-26 171M3 171M2 171M1 RS0018 RS0003A RS0014 RS0010 56S 56M3 56M2 56M1 56D RS0012 RS0006 RS0004 RS0011 SP3-91 RS0021 SP4-91 J3P-28 J3P-30 J3P-29 4261000-05G 03MW0122A 03MW0710 03MW0007A 03MW0014A 03MW0006 03MW0709 03MW0020 151S 150S 69S 69M2 69M1 46S 46M3 46M2 46M1 46D 47S 47M3 47M2 47M1 47D 74M3 74M2 74M1 75S 75M2 75M1 31S 31M1 31D 19S 19D 79S 79M2 79M1 73S 77S 77M2 77M1 76S 76M2 76M1 20S 32S 32D 34M3 34M2 34M1 36S 36M2 36M1 33S 33D 139M3 139M2 139M1 35S 35M2 35M1 MW-210 165M3 165M2 165M1 114M2 114M1 129M3 129M2 129M1 162M3 162M2 162M1 78M3 78M2 78M1 172M3 172M2 172M1 D1P-11 64S 64M2 64M1 68S 68M1 109S 60S SMR-3 LRWS6-1 LRWS5-1 170M3 170M2 170M1 12S 90WT0010 USCGANTST 15MW0008 15MW0007 15MW0004 15MW0002 15WT0712 15MW0006 15MW0001 15WT0007 15MW0009 15MW0005 15WT0711

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

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

amec May 08, 2002 DRAFT

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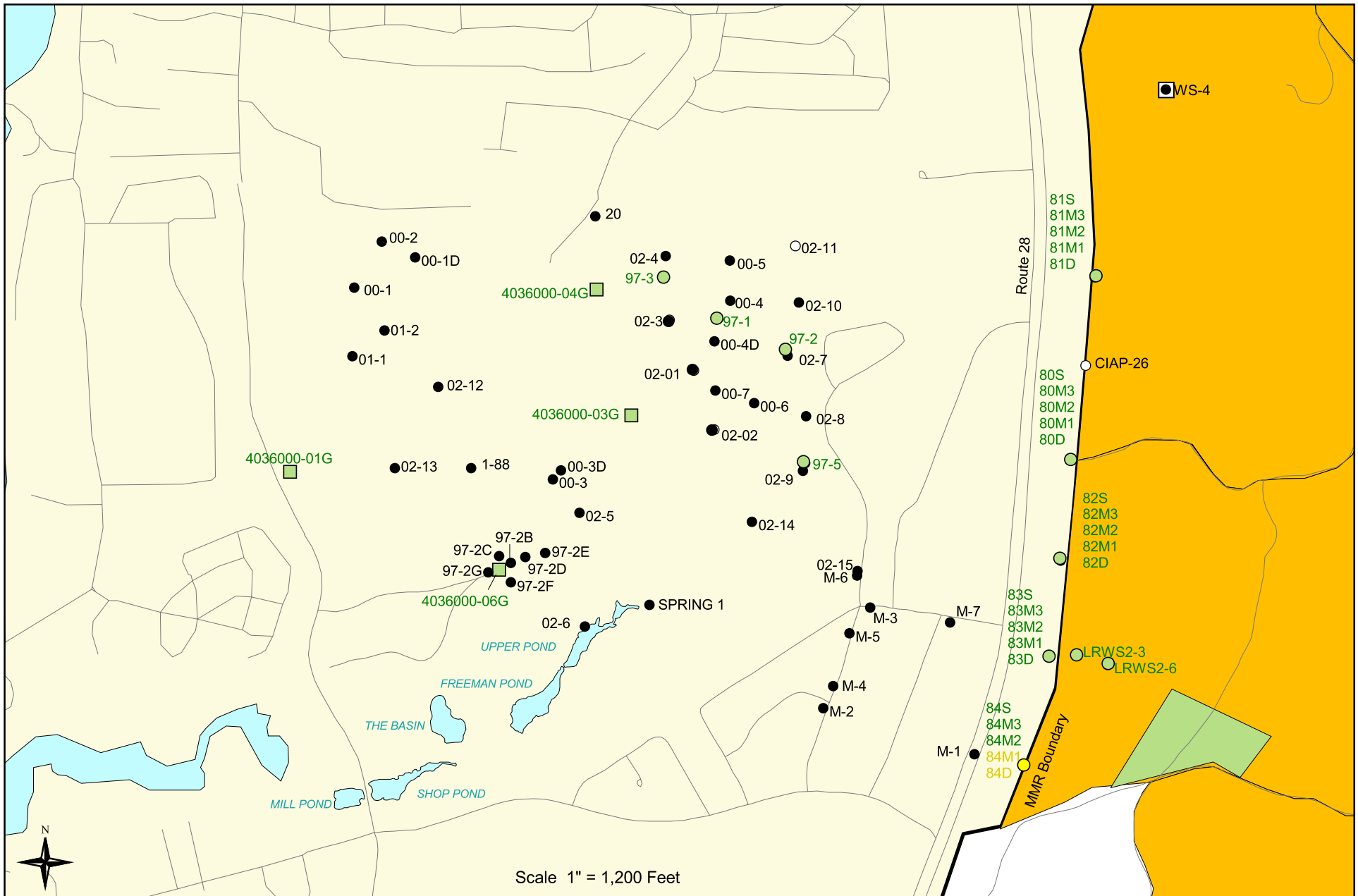
Scale 1" = 1,200 Feet

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 4/26/02



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

amec May 8, 2002 DRAFT

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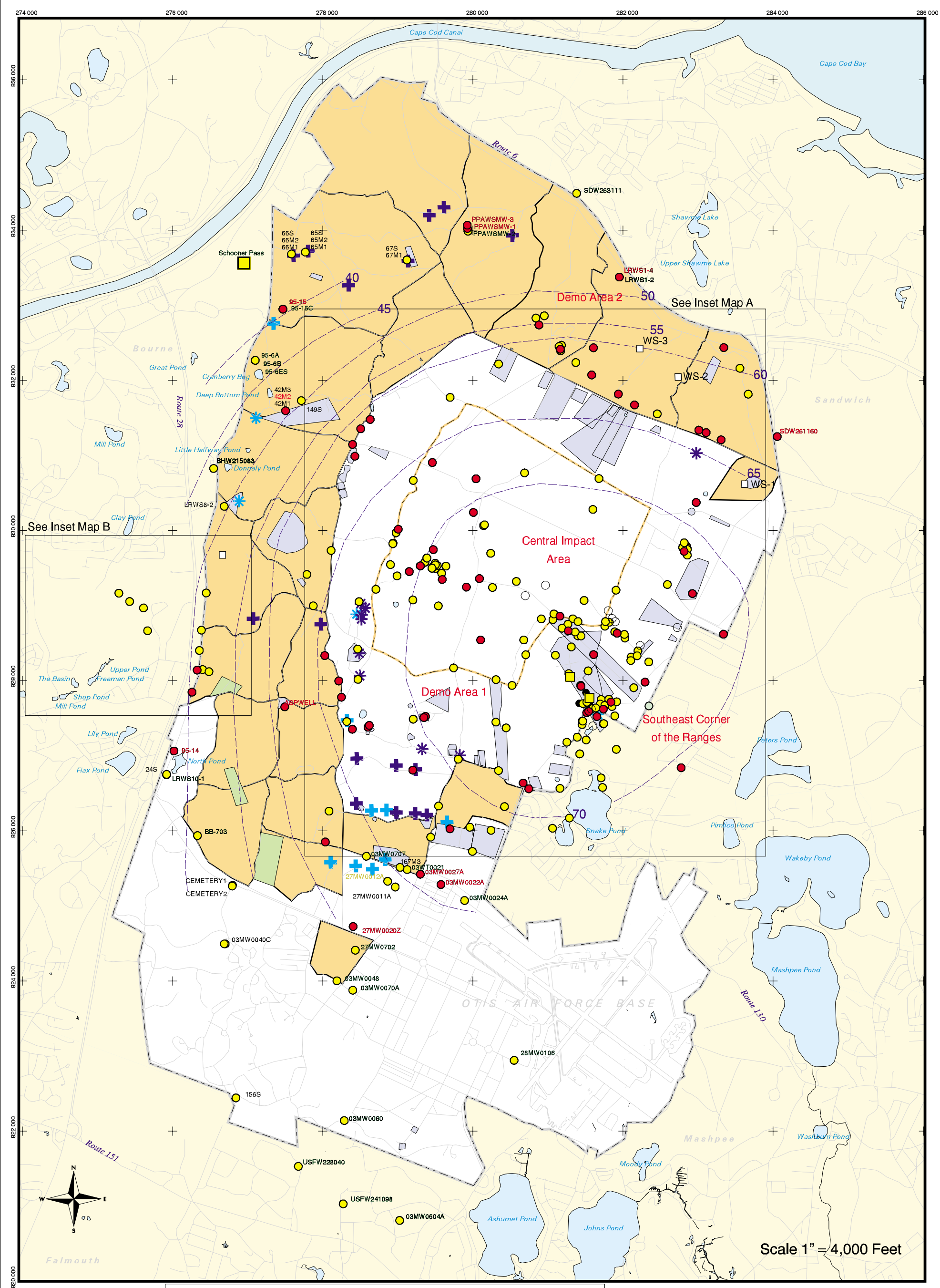
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Validated Non-Detect Water Supply Well
- Future Supply Well
- No Data Available
- Proposed Well
- Combat Training Areas
- MilitaryTraining Areas

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 4/26/02



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 May 08, 2002 DRAFT

IAGWSP Impact Area Groundwater Study Program

Figure 2

Metals in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 4/26/02

d:\work\monthly\may2002\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

WS-1 WS-2 WS-3

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

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

160S 161S 16S 16D
11MW0002 11MW0003 11MW0004 11MW0001
53S 53M3 53M2 53M1 53D
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
LRMW0003
RW-3 RW-1
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
LRWS4-1
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
58MW0005E
58MW0008E
58MW0011D 58MW0011E
58MW0002
58MW0016A 58MW0016B 58MW0016C
58MW0001
58MW0006E
25S
09S
94S 94M2 94M1
22S
174S
15S 15D
37M3 37M2 37M1
01S 01M2 01M1 01D
40S 40M1
44S 44M2 44M1
27S
J1P-18
J1P-1
104S 104M2 104M1
08S
71S 71M1
RANGECON
187S 187M1 187D
06S
118M2 118M1
126S 126M1
164M3 164M2 164M1
166M3 166M2 166M1
188M1
168M3 168M2 168M1
58S
191S 191M2 191M1
189S
136S 136M1
152M2 152M1
07S 07M2 07M1 07D
SMR-4
13S 13D
190M2 190M1
127S
128S 128M2 128M1
TEXTRONPW-2
125S 125M1
163S
132S 132M1
MW-193
MW-195 90MW0029S
MW-194
TEXTRONPW-1
90S
MW-198
MW-196
MW-181
90MW0013
90LWA0007
90MW0029D
90MW0002D
90WT0003
90WT0015
90MW0014
90MW0038
90MW0022
90MW0031
90MW0019
J3P-10
J3P-27
144S 144M2 144M1
143M3 143M2 143M1
145S 145M1
148S 148M1
142S 142M2 142M1
90WT0005
155M2 155M1
157M2 157M1 157D
90MW0003
90MW0054
90WT0010
192M3 192M2 192M1
J2P-13
J2P-12
J2P-14
J2P-16
J2P-15
29S
119S
130S 130M1 130D
117S
SMR-2
137S
120S 120M1
116S
121S
122S
154S 154M1
158S 158M2 158M1
147M3 147M2 147M1
153M3 153M2 153M1
131S 131M2 131M1
LRWS7-1
45S 45M2 45M1
146S 146M1
140M1
RS0047
15WT0712
15MW0008 15MW0006 15MW0001
15MW0007 15WT0007 15MW0009
15MW0004 15MW0002 15MW0005
15WT0711
170M3 170M2 170M1
LRWS5-1
12S
57S 57M3 57M2 57M1 57D
ECMWSNP02S ECMWSNP02D
ECMWSNP03S ECMWSNP03D
SP3-91
SP4-91
70S 70M1
21S 21M3 21M2 21M1 21D
46S 46M3 46M2 46M1 46D
69S 69M2 69M1
47S 47M3 47M2 47M1 47D
20S
34M3 34M2 34M1
36S 36M2 36M1
35S 35M2 35M1
31S
19S 19D
73S
14S
61S
28S 28M2 28M1
60S
SMR-3
109S
64S 64M2 64M1
68S 68M1
LRWS8-1
56S 56M3 56M2 56M1 56D
90WT0008
03MW0122A
03MW0710
151S
03MW0007A
03MW0014A
03MW0006
03MW0709
03MW0020
150S

N W E S

Scale 1" = 1,200 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
- 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

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

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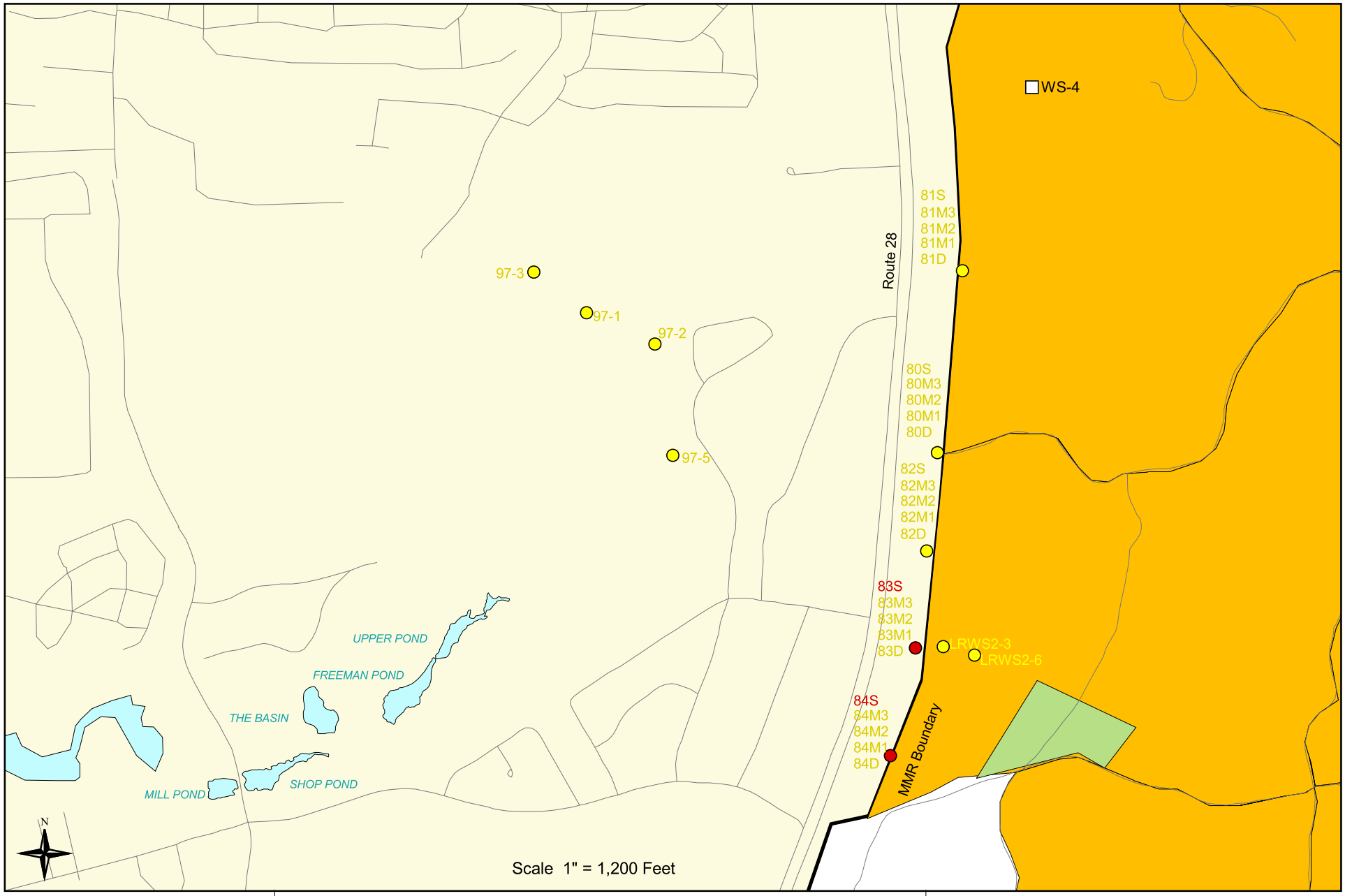
Figure 2 - INSET MAP A

Metals in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 4/26/02



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

amec

May 8, 2002 DRAFT

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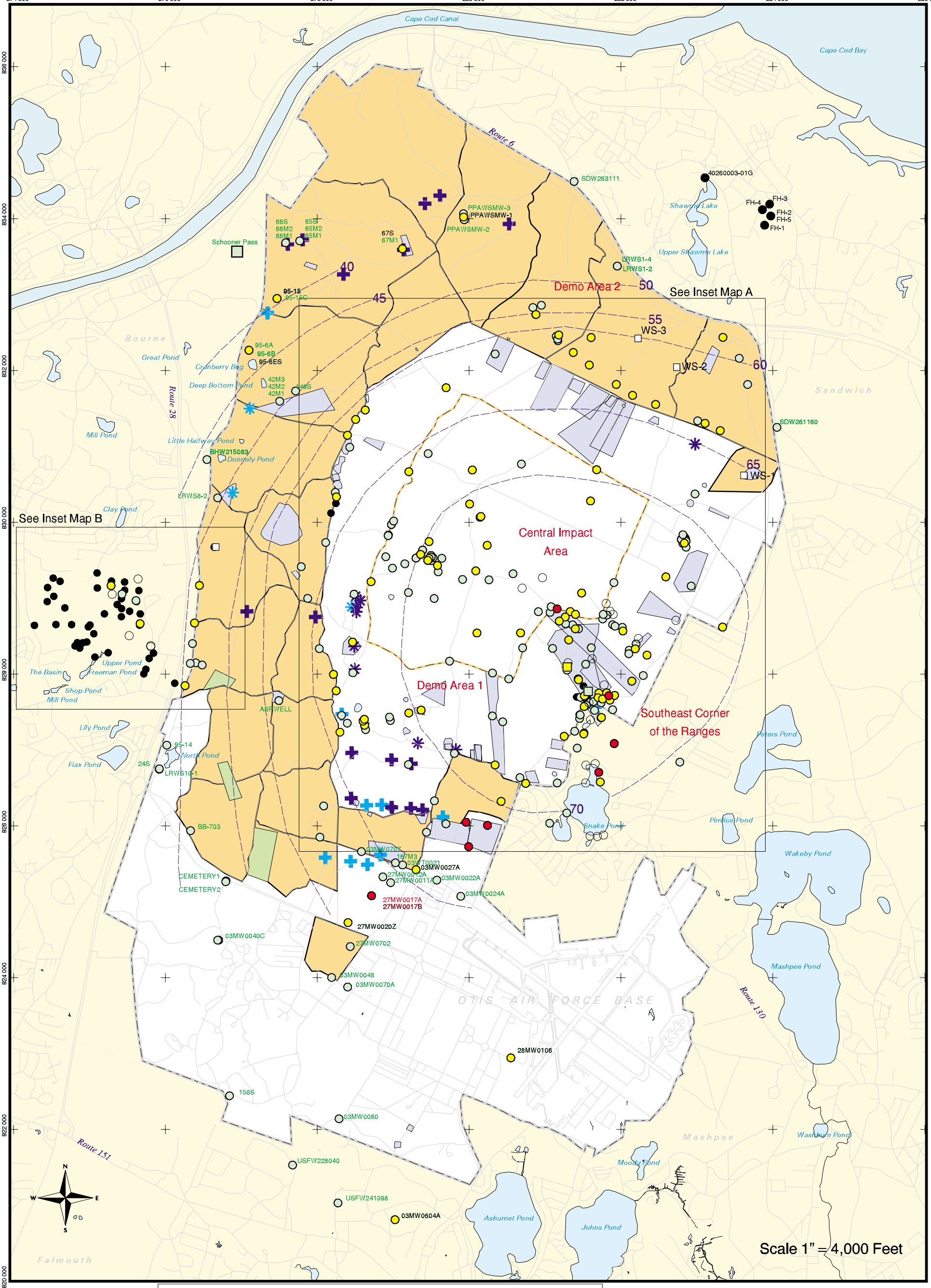
- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Validated Non-Detect Water Supply Well
- Future Supply Well
- Combat Training Areas
- MilitaryTraining Areas

IAGWSP

Figure 2 - INSET MAP B

Metals in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 4/26/02



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 May 08, 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 4/26/02

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

852 000 851 000 850 000 829 000 828 000 827 000 826 000

Demo Area 2

Central Impact Area

Demo Area 1

Southeast Corner of the Ranges

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

Burgoyne Rd
Gibbs Rd
Spruce Swamp Rd
Jefferson Rd
Pocasset Sandwich Rd
Wood Rd
Barlow Rd
Greenway Rd
Tank Alley
Turpentine Rd
Wheelock Rd
Pocasset Forestdale 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 SMR-2 SMR-3 SMR-4 LP-10 LP-9

RANGECON

160S 161S 16S 16D 11MW0002 11MW0003 11MW0004 11MW0001 LRMW0003 17S 17M3 17M2 17M1 17D 53S 53M3 53M2 53M1 53D 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 LRWS4-1 108M3 110M3 110M2 110M1 MW-201 MW-200 02S 02M2 02M1 02D 59S 59M2 59M1 26S 39S 39M2 39M1 58MW0018A 58MW0018B 58MW0018C 58MW0007C 58MW0007B 58MW0007E 38S 38M4 38M3 38M2 38M1 38D 58MW0017A 58MW0017B 58MW0017C 58MW0003 58MW0009C 58MW0009E 58MW0010A 58MW0010B 58MW0015A 58MW0015B 58MW0004 58MW0005E 58MW0008E 58MW0011D 58MW0011E 58MW0002 58MW0016A 58MW0016B 58MW0016C 58MW0001 58MW0006E 22S 174S 09S 94S 94M2 94M1 25S 15S 15D 44S 44M2 44M1 01S 01M2 01M1 01D 40S 40M1 27S 37M3 37M2 37M1 104S 104M2 104M1 08S 71S 71M1 J1P-18 J1P-1 12S 192M3 192M2 192M1 187S 187M1 187D 06S 164M3 164M2 164M1 118M2 118M1 126S 126M1 168M3 166M2 166M1 188M1 29S J2P-13 J2P-12 J2P-14 J2P-16 130S 130M1 130D 119S 117S 137S 120S 120M1 57S 57M3 57M2 57M1 57D 07S 07M2 07M1 07D 152M2 152M1 191S 191M2 191M1 189S 58S 136S 136M1 168M3 168M2 168M1 190M2 190M1 13S 13D 127S J2P-15 116S 121S 154S 154M1 158S 158M2 158M1 122S 70S 70M1 21S 21M3 21M2 21M1 21D 14S 61S 28S 28M2 28M1 J3P-23 TEXTRONPW-2 128S 128M2 128M1 125S 125M1 163S 132S 132M1 MW-193 147M3 147M2 147M1 153M3 153M2 153M1 131S 131M2 131M1 LRWS7-1 46S 46M3 46M2 46M1 46D 69S 69M2 69M1 47S 47M3 47M2 47M1 47D 19S 19D 31S 60S SMR-3 34M3 34M2 34M1 36S 36M2 36M1 114M2 114M1 129M1 77M2 77M1 76S 76M2 76M1 20S 35S 35M2 35M1 165M2 64S 64M2 64M1 68S 68M1 109S LRWS6-1 90WT0008 56S 56M3 56M2 56M1 56D 03MW0122A 03MW0710 03MW0709 03MW0006 03MW0007A 03MW0014A 03MW0020 151S 150S 144S 144M2 144M1 197M3 MW-198 MW-196 MW-181 90MW0029B 90LW0007 MW-195 MW-194 90MW0013 TEXTRONPW-1 30S 45S 45M2 45M1 146S 146M1 90WT0013 90WT0003 90WT0015 140M1 143M3 143M2 143M1 90MW0014 90MW0038 90MW0031 90MW0019 90MW0022 145S 145M1 148S 148M1 142S 142M2 142M1 J3P-10 J3P-27 90WT0005 90MW0004 155M2 155M1 157M2 157M1 157D 90MW0003 90MW0005 90MW0054 170M3 170M2 170M1 LRWS5-1 15MW0008 15MW0007 15MW0004 15MW0002 15WT0712 15MW0006 15MW0001 15WT0007 15MW0009 15MW0005 15WT0711 90WT0010 ECMWSNP02S ECMWSNP02D ECMWSNP03S ECMWSNP03D J3P-24 J3P-25 J3P-26 J3P-28 J3P-30 J3P-29 SP3-91 SP4-91

Scale 1" = 1,200 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
- 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

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

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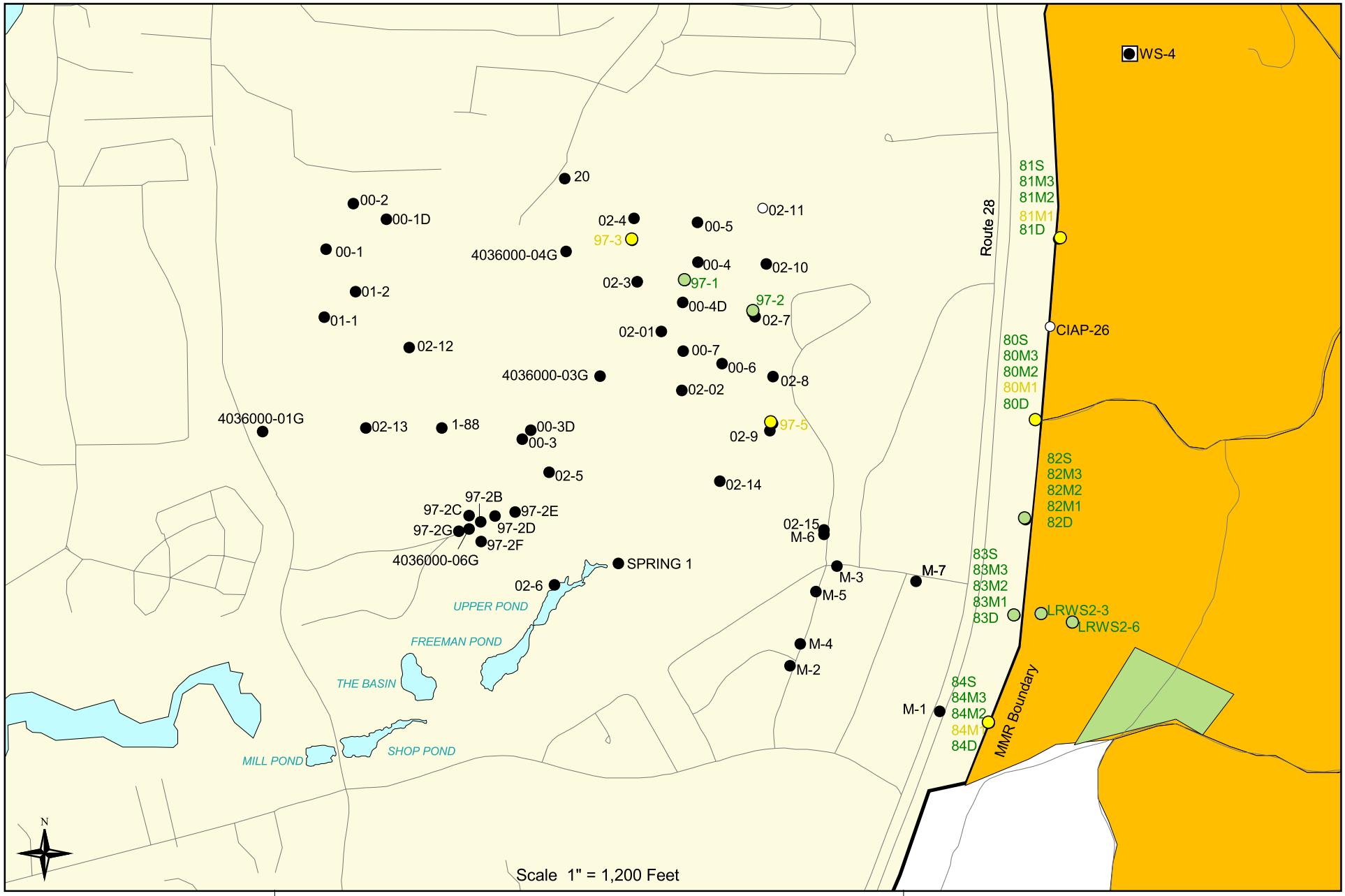
IAGWSP Impact Area Groundwater Study Program

Figure 3 - INSET MAP A

Volatile Organic Compounds (excluding Chloroform) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 4/26/02



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

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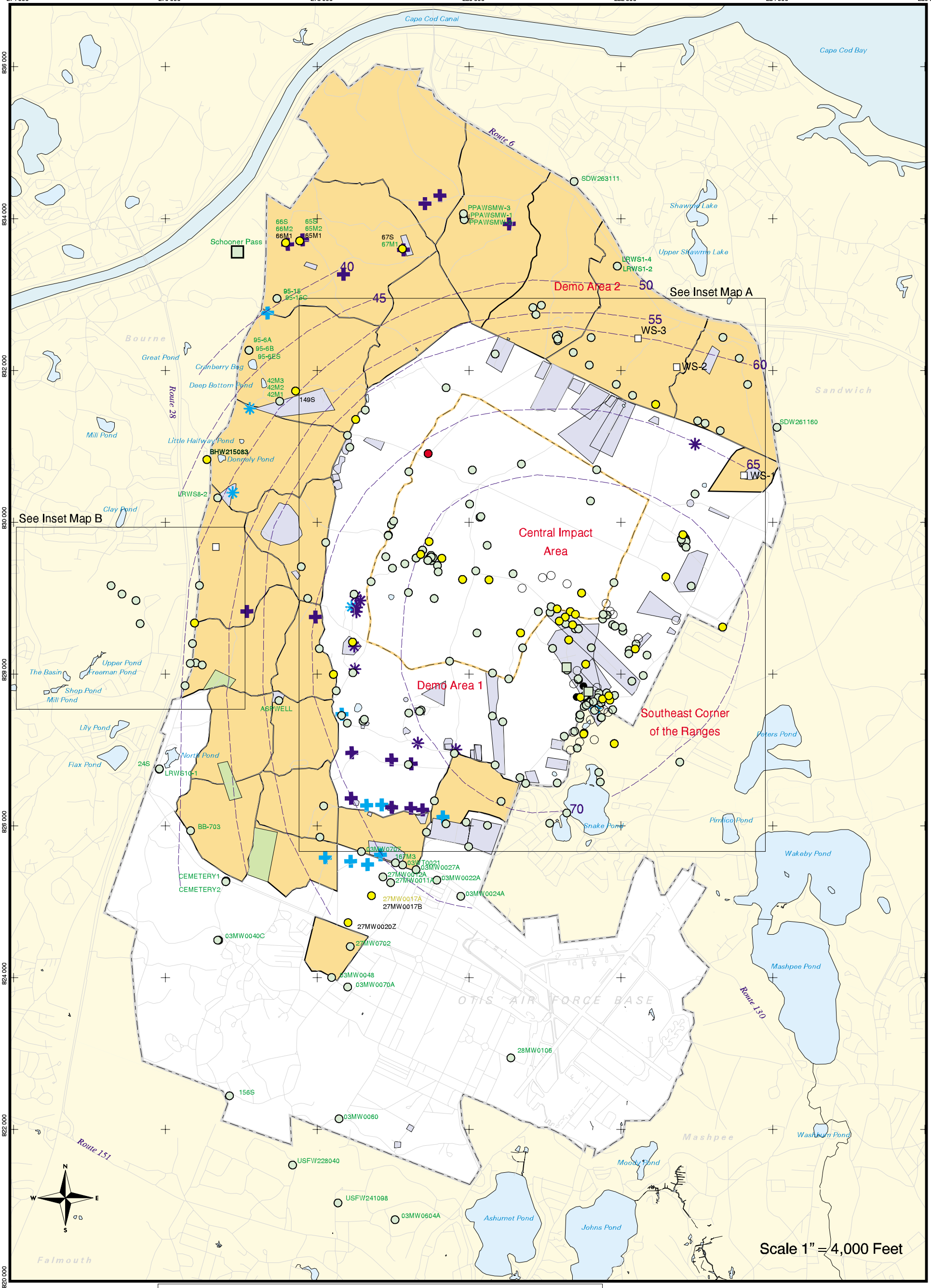
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Validated Non-Detect Water Supply Well
- Future Supply Well
- No Data Available
- Proposed Well
- Combat Training Areas
- MilitaryTraining Areas

IAGWSP

Figure 3 - INSET MAP B

Volatile Organic Compounds (excluding Chloroform) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 4/26/02



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

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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 4/26/02

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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

45 50 55 60 65 70

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
Greenway Rd
Pocasset Forestdale Rd
Raccoon Ln
Arnold Rd
Rt 130
Snake Pond Rd

WS-1 WS-2 WS-3
RW-1 RW-3
LRMW0003
LRWS4-1 LRWS5-1 LRWS6-1 LRWS7-1
SMR-2 SMR-3 SMR-4
TEXTRONPW-1 TEXTRONPW-2
RANGECON

160S 161S 16S 16D
53S 53M3 53M2 53M1 53D
11MW0002 11MW0003 11MW0004 11MW0001
17S 17M3 17M2 17M1 17D
52S 52M3 52M2 52M1 52D
62S
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
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
62S 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
58MW0009C 58MW0009E 58MW0010A 58MW0010B
58MW0003 58MW0015A 58MW0015B 58MW0004 58MW0005E
58MW0008E 58MW0011D 58MW0011E 58MW0002 58MW0001 58MW0006E
58MW0016A 58MW0016B 58MW0016C
09S 94S 94M2 94M1 25S
22S 174S 15S 15D
01S 01M2 01M1 01D
40S 40M1 27S
37M3 37M2 37M1
104S 104M2 104M1 08S
71S 71M1
J1P-1 J1P-16 J1P-17 J1P-18
192M3 192M2 192M1
12S
187S 187M1 187D 06S
164M3 164M2 164M1 188M1
118M2 118M1 126S 126M1
166M3 166M2 166M1 168M3
58S 191S 191M2 191M1 189S
136S 136M1
J2P-12 J2P-13 J2P-14 J2P-16
29S 130S 130M1 130D 119S 117S
137S 120S 120M1
07S 07M2 07M1 07D
152M2 152M1
190M2 190M1
13S 13D 127S
J2P-15 116S 121S 122S 154S 154M1 158S 158M2 158M1
128S 128M2 128M1
J3P-21 125S 125M1 163S 132S 132M1
147M3 147M2 147M1 153M3 153M2 153M1
131S 131M2 131M1
J3P-17 MW-193 MW-195 MW-194 MW-198 MW-181 MW-196 197M3
90LWA0007 90MW0029B 90MW0013 20S 144S 144M2 144M1
45S 45M2 45M1 146S 90WT0013
90WT0003 90WT0015 LP-7 LP-6 LP-5 140M1
J3P-10 90MW0014 90MW0038 90MW0019 90MW0031
143M3 143M2 143M1 90MW0022 145S 145M1 148S 148M1
142S 142M2 142M1 J3P-27
90WT0005 J3P-18 155M2 155M1 90MW0004 157M2 157M1 157D J3P-20
J3P-19 90MW0003 90MW0005 90MW0054 J3P-22
90WT0010
ECMWSNP02S ECMWSNP02D ECMWSNP03S ECMWSNP03D
SNP3-91 SNP4-91
57S 57M3 57M2 57M1 57D
15WT0712 15MW0006 15MW0001 15WT0007 15MW0009 15MW0005 15WT0711
15MW0008 15MW0007 15MW0002
170M3 170M2 170M1
15S 15D
104S 104M2 104M1
71S 71M1
70S 70M1
21S 21M3 21M2 21M1 21D
46S 46M3 46M2 46M1 46D
69S 69M2 69M1
47S 47M3 47M2 47M1 47D
20S
34M3 34M2 34M1 36S 36M1
35S 35M2 35M1
31S 73S 19S 19D
64S 64M2 64M1
68S 68M1
109S
60S
SMR-3
61S
28S 28M2 28M1
14S
151S
150S
03MW0122A
03MW0710
03MW0007A
03MW0014A
03MW0006
03MW0709
03MW0020

N W E S

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

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LEGEND

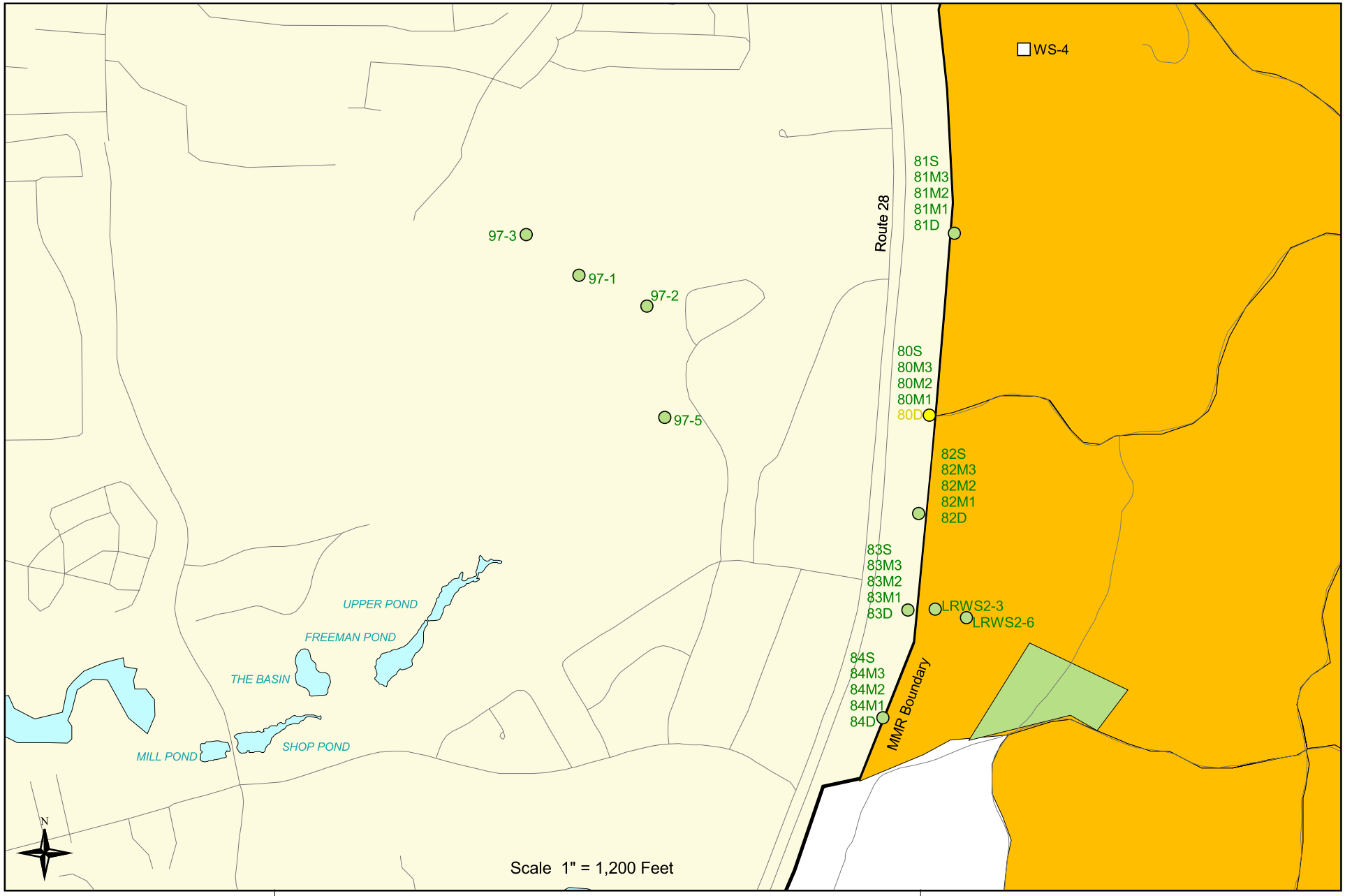
- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Water Table Contour (feet above mean sea level)
- Current Gun Position
-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

Scale 1" = 1,200 Feet

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 4/26/02



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

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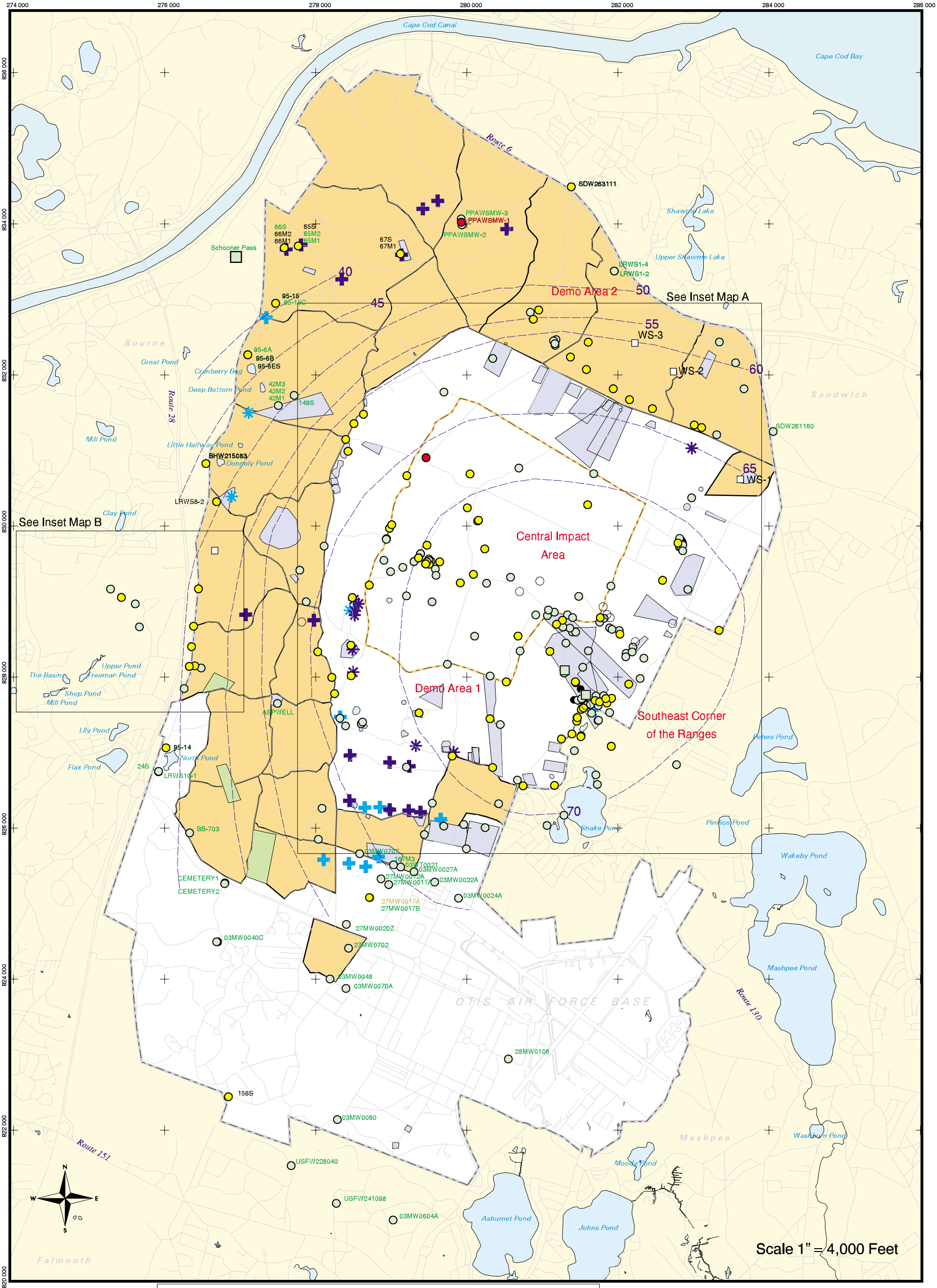
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Validated Non-Detect Water Supply Well
- Future Supply Well
- Combat Training Areas
- MilitaryTraining Areas

IAGWSP Impact Area Groundwater Study Program

Figure 5 - INSET MAP B

Semi-Volatile Organic Compounds (excluding BEHP) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 4/26/02



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

Scale 1" = 4,000 Feet

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

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Figure 7

Herbicides and Pesticides in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 4/26/02

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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
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
Greenway Rd
Tank Alley
Turpentine Rd
Wheelock Rd
Pocasset Forestdale Rd
Raccoon Ln
Arnold Rd
Snake Pond Rd
RI 130

WS-1 WS-2 WS-3
RW-1 RW-3
RANGECON
RRAP-1
SMR-2 SMR-3 SMR-4
TEXTRONPW-1 TEXTRONPW-2
J1P-1 J1P-18
J2P-12 J2P-13 J2P-14 J2P-15 J2P-16
J3P-10
MW-181 MW-193 MW-194 MW-195 MW-196 MW-198

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

11MW0002 11MW0003 11MW0004 11MW0001
15MW0008 15MW0007 15MW0004 15MW0002 15MW0006 15MW0001 15MW0009 15MW0005
58MW0018A 58MW0018B 58MW0018C 58MW0007C 58MW0007B 58MW0007E 58MW0017A 58MW0017B 58MW0017C 58MW0009C 58MW0009E 58MW0010A 58MW0010B 58MW0011D 58MW0011E 58MW0008E 58MW0003 58MW0015A 58MW0015B 58MW0004 58MW0005E 58MW0002 58MW0016A 58MW0016B 58MW0016C 58MW0001 58MW0006E
90MW0007 90MW0029B 90MW0013 90MW0038 90MW0031 90MW0019 90MW0014 90MW0022 90MW0004 90MW0003 90MW0005 90MW0054
03MW0122A 03MW0710 03MW0007A 03MW0014A 03MW0006 03MW0709 03MW0020

15WT0712 15WT0711 15WT0007 15WT0009 90WT0013 90WT0003 90WT0015 90WT0005 90WT0010 90WT0008

16S 16D
160S 161S
53S 53M3 53M2 53M1 53D
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
38S 38M4 38M3 38M2 38M1 38D
44S 44M2 44M1
22S
174S
09S
94S 94M2 94M1
15S 15D
01S 01M2 01M1 01D
25S
37M3 37M2 37M1
40S 40M1
27S
104S 104M2 104M1
08S
71S 71M1
RANGECON
RRAP-1
70S 70M1
21S 21M3 21M2 21M1 21D
46S 46M3 46M2 46M1 46D
47S 47M3 47M2 47M1 47D
69S 69M2 69M1
20S
34M3 34M2 34M1 36S 36M2 36M1
35S 35M2 35M1
19S 19D
151S
150S
14S
61S
28S 28M2 28M1
60S
SMR-3
68S 68M1
64S 64M2 64M1
109S
06S 187S 187M1 187D 164M3 164M2 164M1 188M1 166M3 166M2 166M1 168M3 168M2 168M1 118M2 118M1 126S 126M1 58S 136S 136M1 189S 190M2 190M1 13S 13D 152M2 152M1 07S 07M2 07M1 07D
29S 119S 130S 130M1 130D 117S 137S 120S 120M1 116S 121S 122S 154S 154M1 158S 158M2 158M1 127S 128S 128M2 128M1 125S 125M1 163S 132S 132M1 144S 144M2 144M1 143M3 143M2 143M1 142S 142M2 142M1 147M3 147M2 147M1 153M3 153M2 153M1 131S 131M2 131M1 145S 145M1 148S 148M1 146S 146M1 140M1 45S 45M2 45M1 90WT0003 90WT0015 90WT0005 155M2 155M1 157M2 157M1 157D 192M3 192M2 192M1 12S 170M3 170M2 170M1 57S 57M3 57M2 57M1 57D
56S 56M3 56M2 56M1 56D
90WT0008
ECMWSNP02S ECMWSNP02D ECMWSNP03S ECMWSNP03D
SNP3-91 SNP4-91

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

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LEGEND

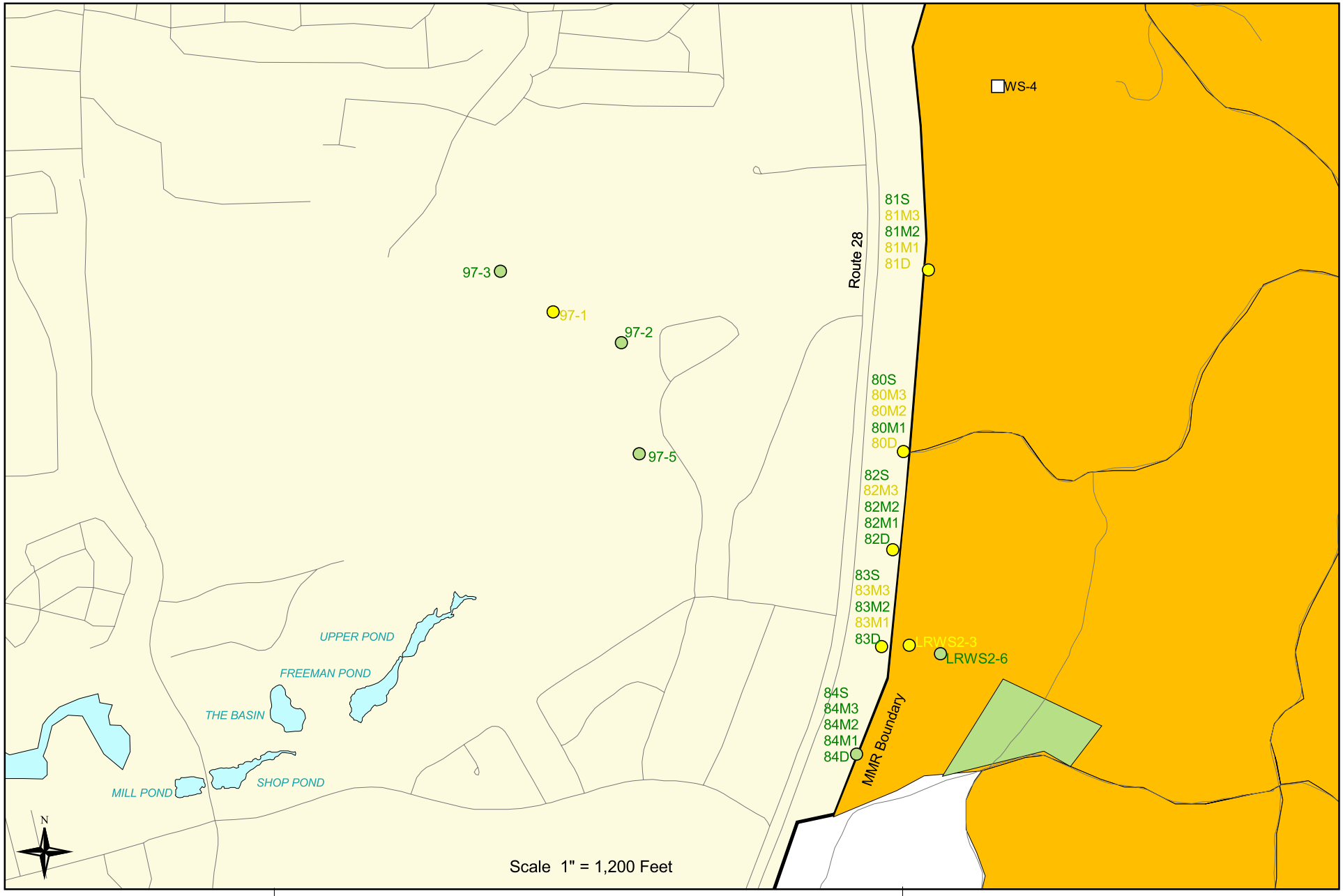
- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Water Table Contour (feet above mean sea level)
- Current Gun Position
-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

Scale 1" = 1,200 Feet

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 4/26/02



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

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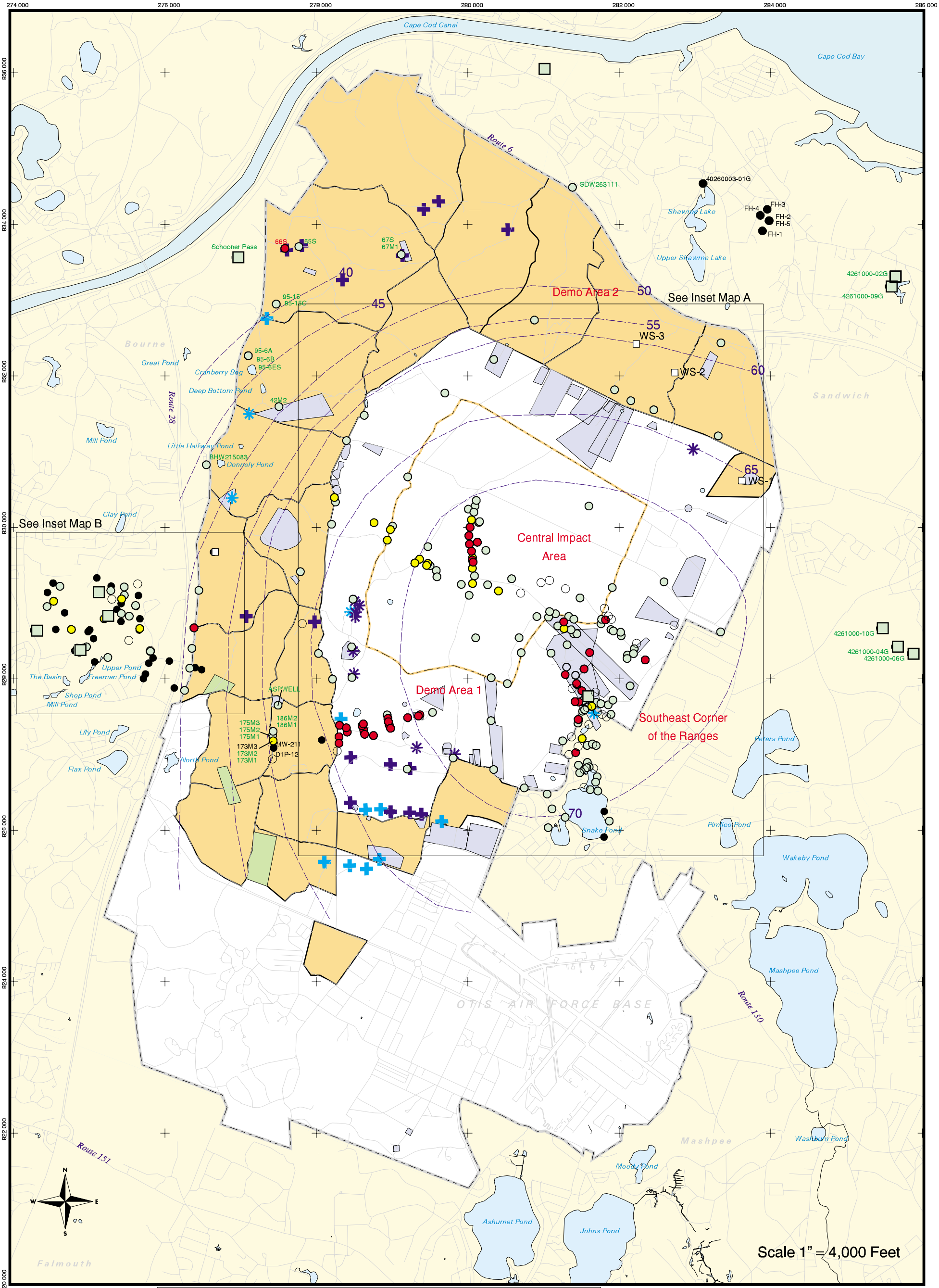
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Validated Non-Detect Water Supply Well
- Future Supply Well
- Combat Training Areas
- MilitaryTraining Areas

IAGWSP

Figure 7 - INSET MAP B

Herbicides and Pesticides in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 4/26/02



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)
- 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

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Figure 8

Perchlorate in Groundwater
Compared to EPA MMR Relevant Standard
Validated Data as of 4/26/02

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

852 000 851 000 850 000 829 000 828 000 827 000 826 000

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
Ox Pond
Succonsette Pond
Opening Pond
Bypass Bog
Peters Pond
Pimlico Pond
Weeks Pond
Snake Pond
J-3 Wetland

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

16S
62S
10S 10M1 10D
50M1
23M1
43M2
54S 54M3 54M2 54M1 54D
55S 55M3 55M2 55M1 55D
63S 63M3 63M2 63M1 63D
LRMW0003
WS-3
WS-2
WS-1
18D
108M4 108M3 108M1
110M2 110M1
135M2 135M1
58MW0020B
58MW0018A
58MW0018B
58MW0018C
39S 39M2 39M1
58MW0007C
58MW0007B
38M4 38M3 38M2 38M1 38D
58MW0009E
58MW0011D
58MW0011E
58MW0002
58MW0001
58MW0006E
58MW0016B
58MW0016C
25S
174S
71S 71M1
RRAP-1
70S
21D
46S 46M3 46M2 46M1 46D
69S
113M2 113M1
02S 02M2 02M1 02D
112M2 112M1
92M1
98S 98M1
59S 59M2 59M1
99S 99M1
26S
100M2 100M1
101S 101M1
105M2 105M1
93M2 93M1
44S
91S 91M1
OW-2 OW-3 OW-1
90S 90M1
01S 01M2
27S
37M3
85S 85M1
40M1
107M2 107M1
115S 115M1
J1P-1
J1P-16
J1P-17
J1P-18
07S 07M2 07M1 07D
152M2 152M1
SMR-4
61S
28S 28M2 28M1
60S
109S
68S
64S 64M2 64M1
74M3 74M2 74M1
75S 75M2 75M1
76S 76M2 76M1
77S 77M2 77M1
78S 78M3 78M2 78M1
31S 31M1 31D
19S
73S
79S 79M2 79M1
33M1 33S 33D
35S 35M2 35M1
MW-210
165M3 165M2 165M1
172M3 172M2 172M1
D1P-11
34M3 34M2 34M1
36S 36M2 36M1
139M3 139M2 139M1
114M2 114M1
129M3 129M2 129M1
162M3 162M2 162M1
192M3 192M2 192M1
12S
170M3 170M2 170M1
J2P-13
J2P-12
J2P-14
J2P-16
187S 187M1 187D
164M3 164M2 164M1
188M1
06S
118M2 118M1
126S 126M1
166M3 166M2 166M1
168M3 168M2 168M1
58S
191S 191M2 191M1
189S
136S 136M1
190M2 190M1
13S 13D
127S
29S
130S 130M1 130D
119S
117S
SMR-2
137S
120S 120M1
J2P-15
116S
121S
122S
154S 154M1
158S 158M2 158M1
57S 57M3 57M2 57M1 57D
128S 128M2 128M1
J3P-23
J3P-21
125S 125M1
163S
132S 132M1
J3P-17
197M3 197M1
193S 193M1
MW-195
LP-8
198M3 198M2
TEXTRONPW-1
30S
194M1
144S 144M2 144M1
MW-196
181S
90WT0004
J3P-10
LP-7
LP-6
LP-5
143M3 143M2 143M1
145S 145M1
148S 148M1
90MW0022
142S 142M2 142M1
J3P-27
J3P-18
157M2 157M1 157D
155M2 155M1
90MW0063
90MW0070
90MW0071
J3P-20
J3P-19
J3P-22
90MW0054
90MW0102A
90MP0059
90MW0101A
J3P-25
90PZ0211
90PZ0204
90PZ0208
J3P-24
169M2 169M1
90SNP001
J3P-26
90SNP002
171M3 171M2 171M1
56S 56M3 56M2 56M1 56D
RS0018
RS0011
SNP3-91
SNP4-91
90MW0105A,B
RS0021
90MW104A
147M3 147M2 147M1
153M3 153M2 153M1
131S 131M2 131M1
146S 146M1
90WT0013
140M1
07S 07M2 07M1 07D

N W E S

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 May 08, 2002 DRAFT

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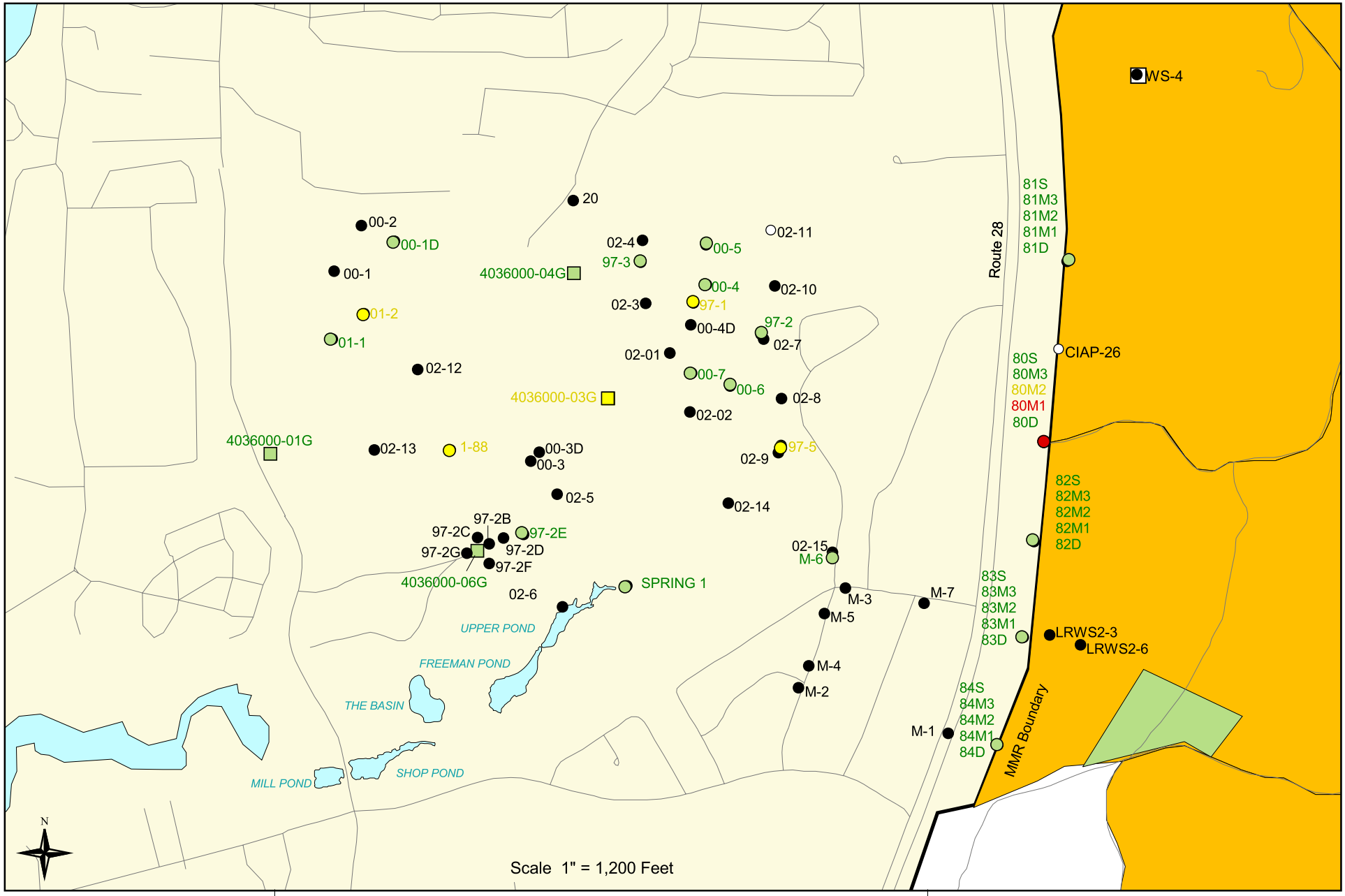
IAGWSP Impact Area Groundwater Study Program

Figure 8 - INSET MAP A
Perchlorate in Groundwater
Compared to EPA MMR Relevant Standard
Validated Data as of 4/26/02



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

amec May 8, 2002 DRAFT

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G:\MMR\MMR\ArcVprj\monthly_inset.apr

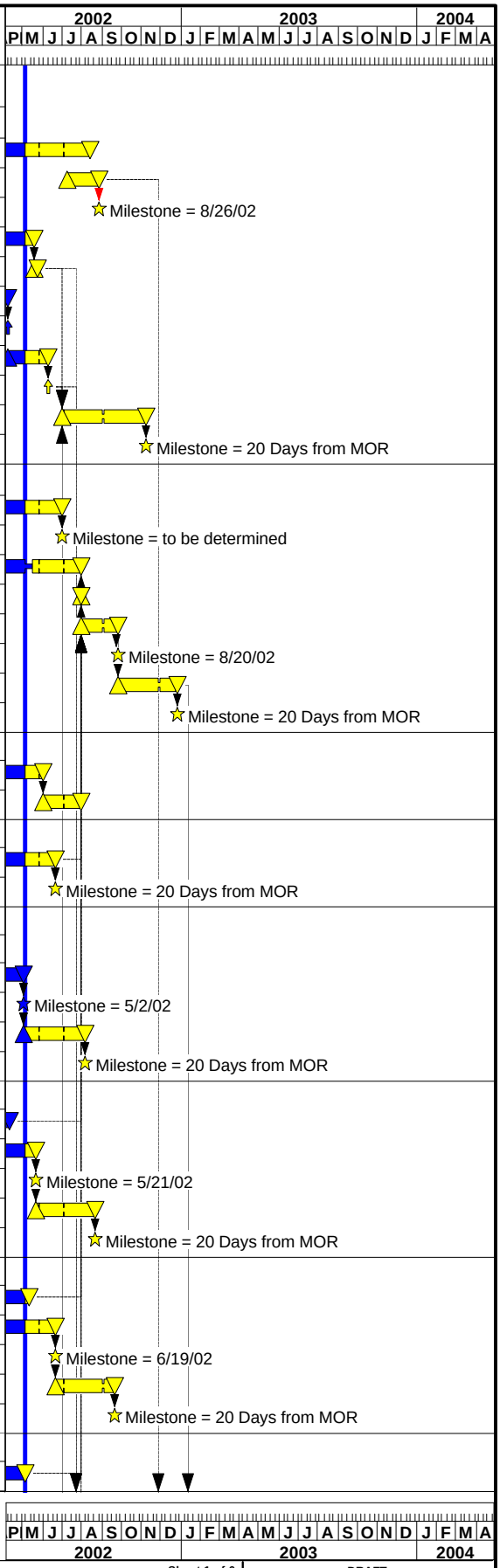
- Validated Detection Greater than or Equal to EPA MMR Relevant Standard
- Validated Detection Less than EPA MMR Relevant Standard
- Validated Non-Detect
- Validated Non-Detect Water Supply Well
- No Data Available
- Future Supply Well
- Proposed Well
- Combat Training Areas
- MilitaryTraining Areas

IAGWSP Impact Area Groundwater Study Program

Figure 8 - INSET MAP B

Perchlorate in Groundwater
Compared to EPA MMR Relevant Standard
Validated Data as of 4/26/02

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Site Characterization (AO1)					
Demo Area 1					
00190	Additional GW Delineation		70	26NOV01A	13AUG02
00193	Prepare GW Report Addendum		34	10JUL02*	26AUG02
00194	Draft GW Report Addendum	YES	0		26AUG02
00169	Guard Prepare/Submit MORs 01-10		10	01MAR02A	17MAY02
00171	Agencies Approve MORs 01-10		5	20MAY02	24MAY02
00173	Guard Prepare Env Risk Report		0	05MAR02A	08APR02A
00174	Submit Demo 1 Env Risk Report		0		08APR02A
00176	Agencies Comment on Env Risk Report		25	08APR02A	10JUN02
00177	Agencies Approve MOR Env Risk Rep		0		10JUN02
00172	Guard Prepare Final Soil Report		91	02JUL02	07NOV02
00159	Demo 1 Final Soil Report	YES	0		07NOV02
Central Impact Area					
00285	Install 17 Additional Well Nests		40	13DEC01A	01JUL02
00287	Complete 17 Additional Well Nests	YES	0		01JUL02
00290	Revise Draft Soil Report		51	17JUL01A	29JUL02
00260	Coordination Meeting CIA Soil Report		1	30JUL02	30JUL02
00261	Final Revisions CIA Soil Report		40	30JUL02	24SEP02
00262	Submit Draft Final CIA Soil Report	YES	0		24SEP02
00263	Revise Draft Final CIA Soil Report		65	25SEP02	26DEC02
00292	Final Soil Report	YES	0		26DEC02
Impact Area Targets (Phase 2)					
01850	Targets Investigation (Phase 2)		19	25FEB02A	31MAY02
01860	Lab Analysis/Data Validation		40	03JUN02	29JUL02
High Use Target Area 1					
01190	HUTA Revise Draft Report		34	01NOV01A	21JUN02
01195	HUTA Final Report	YES	0		21JUN02
High Use Target Area 2					
Site #1					
01905	Prepare Report		0	28JAN02A	03MAY02A
01907	Submit Draft Report (w/ analytical)	YES	0		03MAY02A
01908	Revise Draft Report		64	03MAY02A	05AUG02
01909	Submit Final Report	YES	0		05AUG02
Site #2					
01914	Lab Analysis/Data Validation		0	14FEB02A	11APR02A
01915	Prepare Report		12	14FEB02A	21MAY02
01917	Submit Draft Report (w/ analytical)	YES	0		21MAY02
01918	Revise Draft Report		65	22MAY02	22AUG02
01919	Submit Final Report	YES	0		22AUG02
Site #3					
01924	Lab Analysis/Data Validation		4	15MAR02A	09MAY02
01925	Prepare Report		32	15MAR02A	19JUN02
01927	Submit Draft Report (w/ analytical)	YES	0		19JUN02
01928	Revise Draft Report		65	20JUN02	20SEP02
01929	Submit Final Report	YES	0		20SEP02
Site #4					
01934	Lab Analysis/Data Validation		1	12MAR02A	06MAY02



Project Start 29FEB00
Project Finish 14AUG06
Data Date 06MAY02
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Early Bar
Progress Bar

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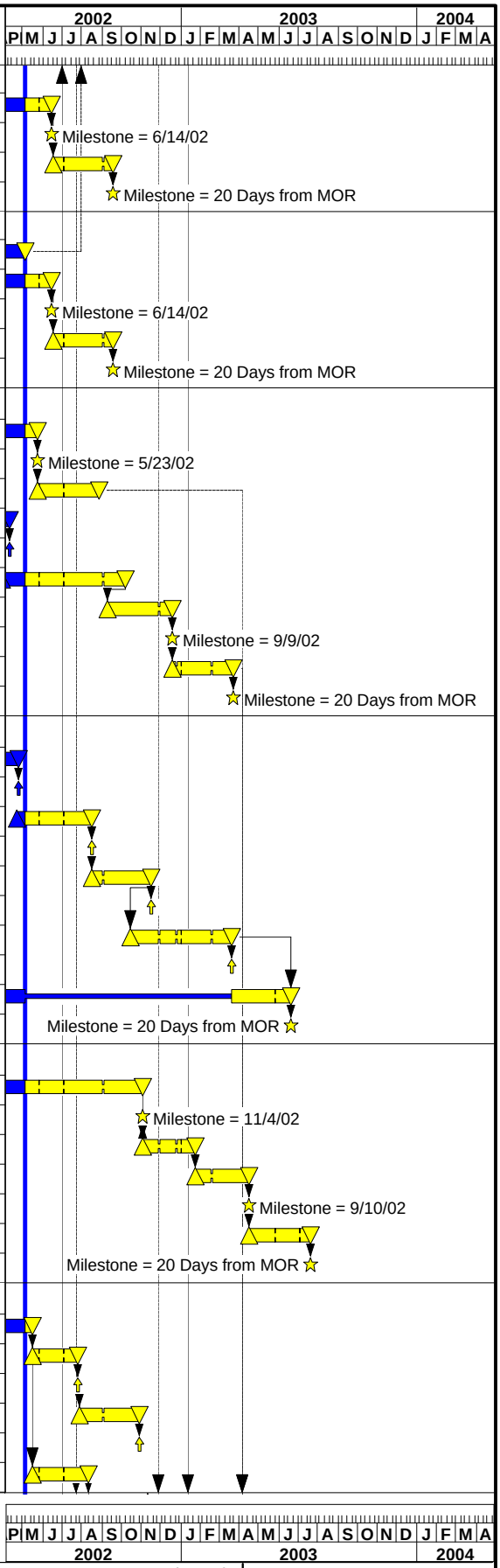
Date	Revision	Checked	Approved

Figure 9. Combined Schedule for the Impact Area GW Study Program as of 5/6/02

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Site #4					
01935	Prepare Report		29	12MAR02A	14JUN02
01937	Submit Draft Report (w/ analytical)	YES	0		14JUN02
01938	Revise Draft Report		65	17JUN02	17SEP02
01939	Submit Final Report	YES	0		17SEP02
Site #5					
01944	Lab Analysis/Data Validation		1	12MAR02A	06MAY02
01945	Prepare Report		29	12MAR02A	14JUN02
01947	Submit Draft Report (w/ analytical)	YES	0		14JUN02
01948	Revise Draft Report		65	17JUN02	17SEP02
01949	Submit Final Report	YES	0		17SEP02
J-1/J-3 Range					
00495	Additional Delineation Report Prep.		14	12NOV01A	23MAY02
00496	Additional Delineation Draft Report	YES	0		23MAY02
00497	Additional Delineation Rev. Draft Report		65	24MAY02	26AUG02
00482	Revise Draft ADWP #2		0	26DEC01A	11APR02A
00483	Submit Final ADWP #2		0		11APR02A
00485	Additional Delineation Investigation		108	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					
00567	Revise G/M Draft ACWP		0	22FEB02A	25APR02A
00568	Submit G/M Final ACWP		0		25APR02A
00570	Additional Characterization G/M		72	22APR02A	15AUG02
00575	Submit Final COCs/Draft ADWP		0		15AUG02
00577	Revise G/M Draft ADWP		65	16AUG02	15NOV02
00578	Submit G/M Final ADWP		0		15NOV02
00580	Additional Delineation G/M Positions		110	14OCT02	20MAR03
00585	Submit Draft Final G/M Report		0		20MAR03
00549	Gun/Mortar Rev. Draft Final		65	01AUG01A	20JUN03
00550	Gun/Mortar Final Report	YES	0		20JUN03
Training Areas					
00860	Training Areas Background		127	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)					
01551	Supplemental Phase 2b Investgtns		8	13MAR02A	15MAY02
01552	Prepare Draft SAR Report		50	16MAY02	26JUL02
01553	Submit Draft SAR Report		0		26JUL02
01554	Revise Draft SAR Report		65	29JUL02	28OCT02
01555	Submit SAR Final Report		0		28OCT02
01558	Prepare Draft Final 2b Report		60	16MAY02	09AUG02



Project Start 29FEB00
Project Finish 14AUG06
Data Date 06MAY02
Run Date 07MAY02

Early Bar
Progress Bar

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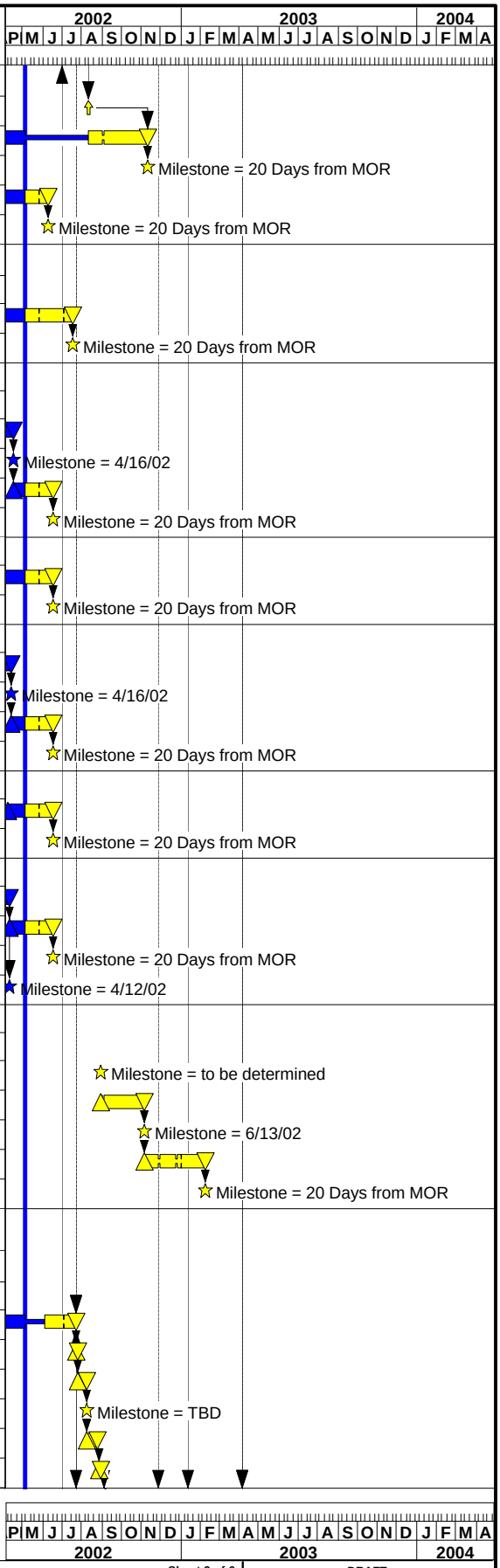
Date	Revision	Checked	Approved

Figure 9. Combined Schedule for the Impact Area GW Study Program as of 5/6/02

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Phase II(b)					
01559	Submit Draft Final 2b Report		0		09AUG02
01560	Revise Draft Final 2b Report		65	20AUG01A	11NOV02
01570	Phase II(b) Final Report	YES	0		11NOV02
01576	Revise Draft Report		25	24JAN02A	10JUN02
01578	Former A/K/Demo 2 Final Report	YES	0		10JUN02
Munition Survey Project					
MSP Phase I					
01625	Revise Revised MSP Phase I Draft		50	04SEP01A	16JUL02
01630	Submit MSP Phase I Final Report	YES	0		16JUL02
MSP Phase II					
Demo 1 Validation					
01718	Revise Draft Report		0	22OCT01A	15APR02A
01720	Submit Revised Draft Report	YES	0		15APR02A
01712	Approve MOR & Finalize		30	16APR02A	17JUN02
01719	Submit Final Report	YES	0		17JUN02
Slit Trench Validation					
01728	Revise Draft Report		30	07NOV01A	17JUN02
01729	Submit Final Report	YES	0		17JUN02
ASP Geophysics					
01748	Revise Draft Report		0	26OCT01A	12APR02A
01750	Submit Revised Draft Report	YES	0		12APR02A
01742	Approve MOR & Finalize		30	15APR02A	17JUN02
01749	Submit Final Report	YES	0		17JUN02
Former K Range					
01752	Approve MOR & Finalize		30	08APR02A	17JUN02
01759	Submit Final Report	YES	0		17JUN02
Former A Range					
01768	Revise Draft Report		0	20NOV01A	10APR02A
01762	Approve MOR & Finalize		30	11APR02A	17JUN02
01769	Submit Final Report	YES	0		17JUN02
01770	Submit Revised Draft Report	YES	0		10APR02A
MSP Phase III					
CIA MSP Sites #1 and #2					
01794	Complete Fieldwork	YES	0		29AUG02
01795	Prepare Report		47	30AUG02	05NOV02
01797	Submit Draft Report	YES	0		05NOV02
01798	Revise Draft Report		65	06NOV02	07FEB03
01799	Submit Final Report	YES	0		07FEB03
Feasibility Studies (AO3)					
Demo Area 1					
Soil Operable Unit					
21190	Revise Draft FS Screening Report		35	22JUN01A	23JUL02
21191	Coordination Meeting		1	24JUL02	24JUL02
21192	Final Revisions Demo 1 FSSR		11	25JUL02	08AUG02
21193	Submit Draft Final Demo 1 FSSR	YES	0		08AUG02
21194	Agency Review & Comment		11	09AUG02	23AUG02
21195	Guard Prepare/Submit RCL		5	26AUG02	30AUG02



Project Start 29FEB00
Project Finish 14AUG06
Data Date 06MAY02
Run Date 07MAY02

Early Bar
Progress Bar

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Figure 9. Combined Schedule for the Impact Area GW Study Program as of 5/6/02

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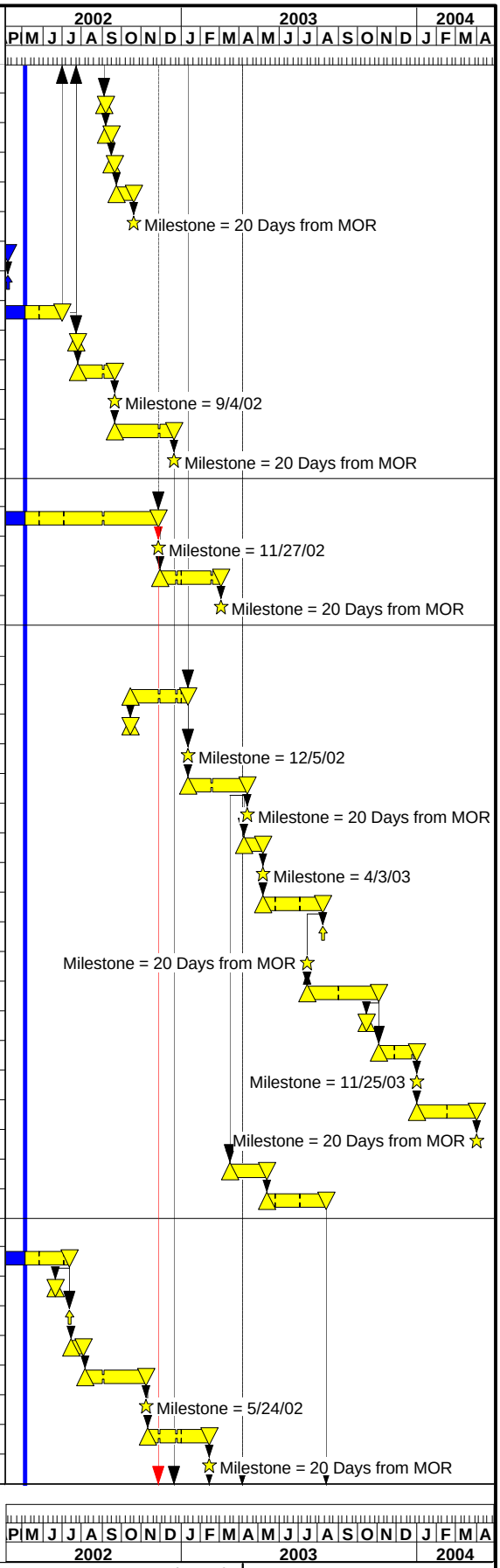
Date	Revision	Checked	Approved

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Soil Operable Unit					
21196	Resolution Meeting (if needed)		1	05SEP02	05SEP02
21197	Guard Prepare/Submit MOR (if needed)		6	06SEP02	13SEP02
21198	EPA Approve MOR (if needed)		5	16SEP02	20SEP02
21199	Guard Prepare Final FSSR (if needed)		20	23SEP02	18OCT02
21200	Final FS Screening Report	YES	0		18OCT02
21230	Revise Draft PSI Workplan		0	11JAN02A	08APR02A
21240	Final Post-Screening Workplan		0		08APR02A
21260	Post-Screening Investigation		40	18MAR02A	01JUL02
21270	FS Scoping Meeting		1	24JUL02	24JUL02
21310	FS Preparation		40	25JUL02	19SEP02
21320	Draft FS	YES	0		19SEP02
21330	Revise Draft FS		65	20SEP02	20DEC02
21340	Final FS	YES	0		20DEC02
Groundwater Operable Unit					
21670	Revise Draft FS		145	02OCT01A	27NOV02
21675	Draft Final FS	YES	0		27NOV02
21678	Revise Draft Final FS		65	29NOV02	04MAR03
21680	Final FS	YES	0		04MAR03
Central Impact Area					
Soil Operable Unit					
22110	FS Screening Report Preparation		60	16OCT02	10JAN03
22112	Scoping Meeting for FSSR		1	15OCT02	15OCT02
22120	Draft FS Screening Report	YES	0		10JAN03
22130	Revise Draft FS Screening Report		65	13JAN03	14APR03
22140	Final FS Screening Report	YES	0		14APR03
22150	Post-Screening Invest. Workplan Prep.		22	08APR03	07MAY03
22160	Draft Post-Screening Invest. Workplan	YES	0		07MAY03
22170	Revise Draft PSI Workplan		65	08MAY03	08AUG03
22180	Final Post-Screening Workplan		0		08AUG03
22190	Start Post-Screening Investigation	YES	0	14JUL03	
22200	Post-Screening Investigation		80	14JUL03	03NOV03
22202	FS Scoping Meeting		1	14OCT03	14OCT03
22210	FS Preparation		40	04NOV03	31DEC03
22220	Draft FS	YES	0		31DEC03
22230	Revise Draft FS		65	02JAN04	02APR04
22240	Final FS	YES	0		02APR04
22250	(Draft FS if no PSI)		40	18MAR03	12MAY03
22260	(Final FS if no PSI)		65	13MAY03	13AUG03
Groundwater Operable Unit					
22390	Post-Screening Investigation		48	21SEP01A	12JUL02
22391	FS Scoping Meeting		1	21JUN02	21JUN02
22392	Draft Pump Test Report		0		12JUL02
22394	Review/Approve Pump Test Report		15	15JUL02	02AUG02
22400	FS Preparation		69	05AUG02	08NOV02
22410	Draft FS	YES	0		08NOV02
22420	Revise Draft FS		65	11NOV02	12FEB03
22430	Final FS	YES	0		12FEB03



Project Start 29FEB00
Project Finish 14AUG06
Data Date 06MAY02
Run Date 07MAY02

Early Bar
Progress Bar

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Figure 9. Combined Schedule for the Impact Area GW Study Program as of 5/6/02

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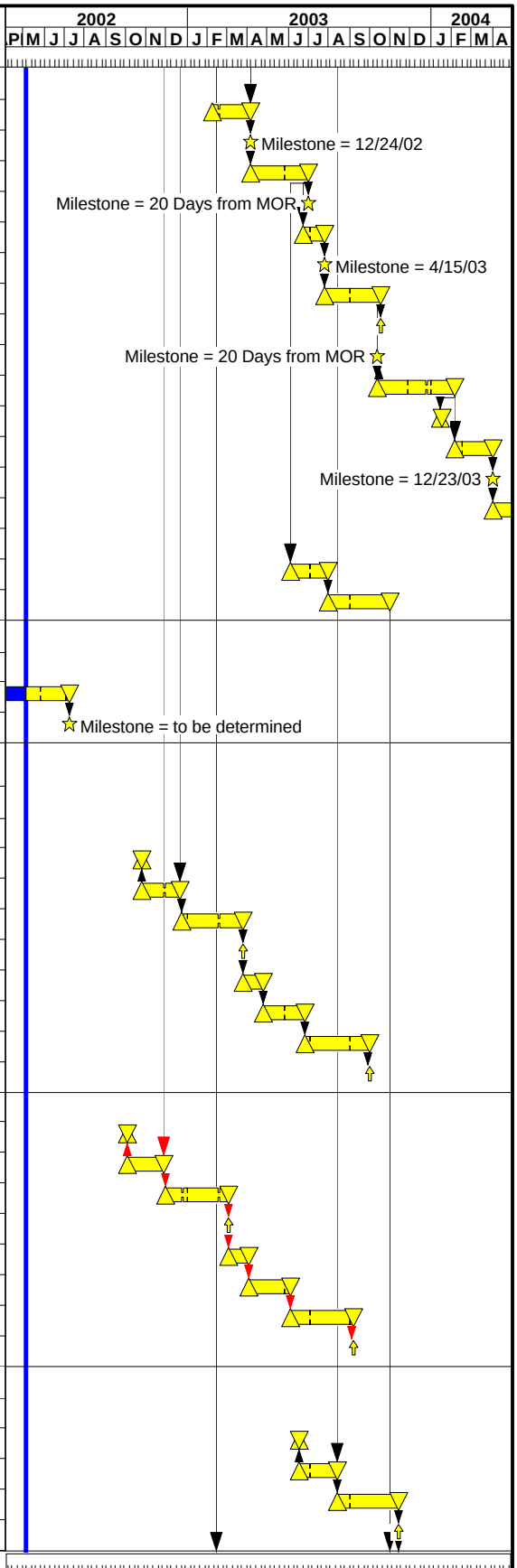
Date	Revision	Checked	Approved

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
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		45	21MAR01A	09JUL02
24140	Final FS Screening Report	YES	0		09JUL02
Remedy Selection (AO3)					
Demo Area 1					
Soil Operable Unit					
31105	Soil RS Plan Scoping Meeting		1	25OCT02	25OCT02
31110	Prepare Draft Remedy Selection Plan		40	25OCT02	20DEC02
31120	Revise Draft Remedy Selection Plan		65	23DEC02	26MAR03
31130	Remedy Selection Plan		0		26MAR03
31140	Public Comment Period		21	27MAR03	24APR03
31150	Draft Decision Doc/ Response		44	25APR03	26JUN03
31160	Revise Draft DD/RS		65	27JUN03	29SEP03
31170	Final Decision Doc/ Response		0		29SEP03
Groundwater Operable Unit					
31505	GW RS Plan Scoping Meeting		1	03OCT02*	03OCT02
31510	Prepare Draft Remedy Selection Plan		40	03OCT02	27NOV02
31520	Revise Draft Remedy Selection Plan		65	29NOV02	04MAR03
31530	Remedy Selection Plan		0		04MAR03
31540	Public Comment Period		21	05MAR03	02APR03
31550	Draft Decision Doc/ Response		44	03APR03	04JUN03
31560	Revise Draft DD/RS		65	05JUN03	05SEP03
31570	Final Decision Doc/ Response		0		05SEP03
Central Impact Area					
Soil Operable Unit (if no PSI)					
32105	Soil RS Plan Scoping Meeting		1	18JUN03	18JUN03
32110	Prepare Draft Remedy Selection Plan		40	18JUN03	13AUG03
32120	Revise Draft Remedy Selection Plan		65	14AUG03	13NOV03
32130	Remedy Selection Plan		0		13NOV03



Project Start 29FEB00
Project Finish 14AUG06
Data Date 06MAY02
Run Date 07MAY02

Early Bar
Progress Bar

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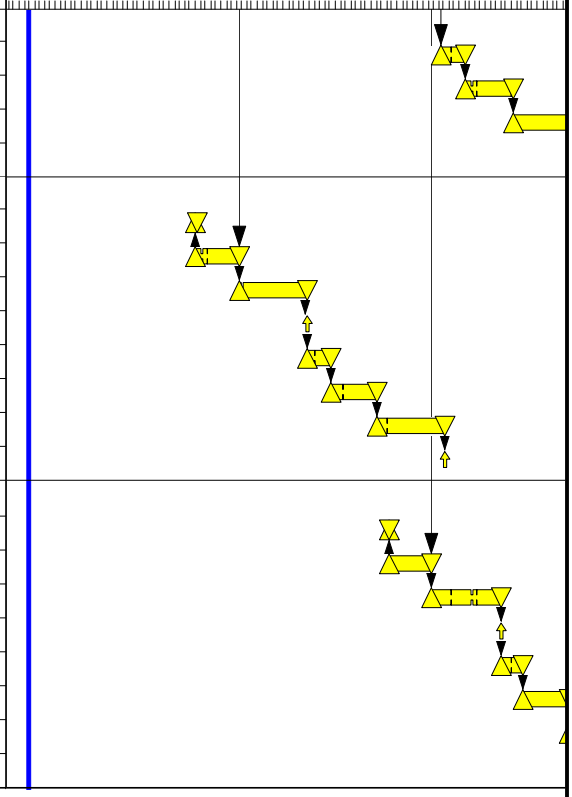
Figure 9. Combined Schedule for the Impact Area GW Study Program as of 5/6/02

DRAFT

Date	Revision	Checked	Approved

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Soil Operable Unit (if no PSI)					
32140	Public Comment Period		21	14NOV03	15DEC03
32150	Draft Decision Doc/ Response		44	16DEC03	18FEB04
32160	Revise Draft DD/RS		65	19FEB04	19MAY04
32170	Final Decision Doc/ Response		0		19MAY04
Groundwater Operable Unit					
32505	GW RS Plan Scoping Meeting		1	17DEC02	17DEC02
32510	Prepare Draft Remedy Selection Plan		40	17DEC02	12FEB03
32520	Revise Draft Remedy Selection Plan		65	13FEB03	15MAY03
32530	Remedy Selection Plan		0		15MAY03
32540	Public Comment Period		21	16MAY03	16JUN03
32550	Draft Decision Doc/ Response		44	17JUN03	18AUG03
32560	Revise Draft DD/RS		65	19AUG03	18NOV03
32570	Final Decision Doc/ Response		0		18NOV03
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



P M J J A S O N D J F M A M J J A S O N D J F M A
2002
2003
2004

Project Start 29FEB00
Project Finish 14AUG06
Data Date 06MAY02
Run Date 07MAY02

Early Bar
Progress Bar

UBER

Sheet 6 of 6

Figure 9. Combined Schedule for the Impact Area GW Study Program as of 5/6/02

DRAFT

Date	Revision	Checked	Approved