MONTHLY PROGRESS REPORT #67
FOR OCTOBER 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 October 1 to October 31, 2002. Scheduled actions are for the six-week period ending December 13, 2002.

1. SUMMARY OF ACTIONS TAKEN

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

Table 1. Drilling progress as of October 2002

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-240	Demo Area 1(D1P-15)	287	189	198-208; 125-135; 105-115
MW-241	L Range (LP-5)	250	152	97-107
MW-242	L Range (LP-6)	250	157	235-245; 165-175
MW-243	J-3 Range (J3P-31)	270	202	114.5-124.5; 84.5-94.5; 69.5-79.5
MW-244	J-1 Range (J1P-1)	304	192	270-280; 118-128
MW-245	J-1 Range (J1P-17)	319	195	
MW-246	J-3 Range (J3P-20)	240	177	
MW-247	J-3 Range (J3P-22)	110	86	

bgs = below ground surface
bwt = below water table

Completed well installation of MW-240 (D1P-15), MW-241 (LP-5), MW-242 (LP-6), MW-243 (J3P-31), and MW-244 (J1P-1), commenced well installation of MW-245 (J1P-17), and commenced drilling of MW-246 (J3P-20) and MW-247 (J3P-22). Well development continued for newly installed wells.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-240, MW-242, MW-243, MW-244, MW-245, MW-246, and MW-247. Groundwater samples were collected from Bourne supply, test, sentry, far field, and monitoring wells and spring; as part of the October Quarterly Long Term Groundwater monitoring rounds; and from recently installed wells. The August LTGM round was completed in early October. Water samples were collected from the GAC treatment system.

Soil samples were collected from soil cuttings from the boreholes of recently installed wells and from the J-3 Range, L Range, Former K Range, and Cleared Area 1 as part of white phosphorus sampling. Soil samples were also collected from Demo Area 1 as part of the Supplemental Post-Screening Investigation. Biota samples were collected as part of the Demo Area 1 Ecological Risk Characterization.

As part of the Munitions Survey Project, soil samples were collected from the Scar Rocket and the J-2 Range anomaly excavations. Pre-detonation and post-detonation soil samples were collected from U Range, the Scar Rocket site, and the J-2 Range. Supplemental soil samples were collected from HUTA 2 Transect 2, the Eastern Test site and the Scar Rocket site.

The following are the notes from the October 3, 2002 Technical Team meeting at the IAGWSPO:

Punchlist Items

#2 Provide update for sampling/reporting Perchlorate for Sandwich Water District (EPA/MADEP). Todd Borci (EPA) indicated that he had not been contacted by Dan Mahoney (Sandwich Water Board). Mr. Borci to contact.

#8 Determine possibility of sampling the Gallo Skating Rink well (Guard). Bill Gallagher (IAGWSPO) relayed that the Recreational Manager indicated that the rink is on Bourne public water. The manager was to check on the status of the well (still accessible or abandoned?), but had yet to call back.

#10 Provide water table map for vicinity of Former A Range (Corps). A water table map was distributed at the meeting. Also distributed was a letter from AMEC that summarized RDX detections at the Schooner Pass Well.

#12 Provide perchlorate data tables for Central Impact Area Targets Soil Sampling (Corps). Letter with figure and table to be sent out today.

#13 Provide ZOC's for Base Water Supply wells for the 4.5 mgd pumping permit (MADEP). Len Pinaud (MADEP) indicated that the wells had not been permitted at this rate yet. ZOCs would be provided when the permit was issued, likely imminently.

#15 Provide reanalysis data for Snake Pond surface water samples (Corps). Results of reanalysis of LKSNK0005 by Ceimic and STL laboratories were non detect for perchlorate.

MSP3 and Southeast Ranges Update

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

- J-2 Range Polygons. Crews are working on Polygon 2C. Polygons 2V and 2W were completed. Anomaly 2X could not be located by Schonstedt or EM61. An approximate 4 ft wide trench was excavated perpendicular to the approximate anomaly area; no materials were found. Anomaly 2X may have been associated with a cable that was removed from the vicinity after completion of the EM61 survey. Table of compiled daily report findings was distributed. Complete update table that Todd Borci (EPA) requested last week to be provided early next week.
- SCAR Site. Excavation of Anomaly 1 was completed. Crew currently working on Anomaly 3. Both anomalies appear to be demo sites. Table of findings was distributed.
- Copy of EM61 data of area at different "gates" was provided for EPA to review. Electronic copies had been emailed previously; hard copies to be provided to agencies.
- N Range. Waiting on post-BIP results for further action.
- U Range. Grubbing and surface clearance is continuing. BIP of 56, 3.5-inch rockets (inert) and 255, XM53 submunitions (with inert aluminum slugs) was conducted on 10/01. Pictures of items were circulated. Table of findings to date distributed.
- Drilling/Sampling. - Drilling is being conducted on proposed location LP-6 (MW-242). Well was set at LP-5 on Wednesday 10/2. This drill rig to move on to J3P-31 (MW-243). Drilling at D1P-15 reached total depth; waiting on results to set well screens. J3P-21 (MW-237) is being developed. Sampling as part of the LTGM is proceeding throughout the ranges.
- UXO - UXO clearance is being conducted at the J1P-16 and J1P-17 wells pads.

- Nick Iaiennaro (Corps) is evaluating data generated by the BIP of XM53 submunitions at U Range to obtain a waiver from the Defense Ammunition Center for the waiver that is required to move submunitions that were identified along the access road from CIAP-11 to the J1P-18 well pad.
- ASP Drum. Drum containing approximately 1 cubic foot of ash/soil is located at the staging area in the Central Impact Area. In accordance with the "20 times rule" the analytical results of the mixture would likely exceed TCLP criteria for barium, cadmium, chromium, and lead if a TCLP analysis for RCRA metals was completed. If the criteria were exceeded, the waste would be classified as a RCRA Hazardous Waste. Desiree Moyer (EPA) recommended that the Corps contact a disposal facility and provide the existing analytical results to see what their requirements for disposal would be, including whether or not a TCLP analysis was required. If a TCLP analysis was to be performed it needed to be completed immediately. If classified as hazardous waste, the drum should be disposed of promptly.

SE Ranges Monitoring Well Schedule

Heather Sullivan (Corps) led a discussion of the SE Ranges drilling schedule.

- Three tables were provided. The first table provided a list of wells on hold or designated as options and a list of wells with approved locations, but not yet installed. The second table provided the ROA status of all proposed wells. A third table provided a sequential drilling schedule per drill rig. This drilling schedule is contingent upon ROA approval and is updated weekly by Maria Pologruto (AMEC).
- Karen Wilson (IAGWSPO) indicated that ROAs for CIAP-14, J3P-19, J3P-20, and J3P-22 were due on 10/21 from SHPO.
- Ms. Pologruto indicated that this ROA date would likely impact the J3P-19 drilling schedule that is slated to begin on 10/17. The 10/17 start date is contingent upon completion of UXO clearance and well pad construction at the drilling location.

IRP CS-18/19 Update

Larry Panell (Jacobs Engineering) provided an update on activities at CS-18 (Gun Position 9) and CS-19 (southwest corner of the Central Impact Area).

- The Supplemental Site Investigation (SSI) was completed at CS-18. A Final Report was issued in the last several weeks.
- As part of this report, additional investigation of soil and groundwater at CS-18 was proposed. The groundwater sampling/analysis was completed and provided to the regulatory agencies this week. Most notable was the detection of perchlorate in 16MW0001 ranging in concentration from 2.7 to 4.3 ug/L.
- Supplemental soil investigation was also completed. A figure was distributed that showed iso-concentration contours for various compounds incorporating SSI data and new data.
- Perchlorate soil sampling (upgradient of 16MW0001) and sampling of the skeet range south of Howe Road were completed on Thursday 9/26.
- A silt fence was installed on the south side of Howe Road to prevent the migration of contaminated soil off-site.
- The most recent CS-18 soil and groundwater data will be summarized in a letter report to be submitted to the agencies in November or December.
- The MOR for the CS-19 Report was sent out last week.
- AFCEE accepted the inclusion of MW-201, a well that was installed by the IAGWSP, as part of the CS-19 site.
- Separate Operable Units have been established at CS-19 for soil and groundwater.

- A second supplemental RI groundwater investigation is in progress. A map of proposed drilling locations will be provided to the agencies today. The additional investigation will include evaluation of downgradient groundwater quality and sampling of wells within the footprint of the CS-19 plume. This may include wells that are already being sampled by the IAGWSP and this data will be incorporated in the investigation. The schedule for the completion of activities associated with the CS-19 supplemental investigation is being negotiated with the agencies.

Schooner Pass Well

Bill Gallagher (IAGWSPO) led a discussion on the Schooner Pass well.

- A letter was provided by AMEC summarizing recent and historic analysis of explosives in the Schooner Pass well. The letter indicated that although only one sample from August had a reported detection of RDX, the other samples collected since 1997 showed low peaks on the chromatograms that were indicative of low-level concentrations of RDX below the reporting limit but above the method detection limit. Because of problems with secondary confirmation of explosive compounds in the 8330N analysis, AMEC's recommendation to the Guard was to continue to only report data at or above the established reporting limit.
- A figure of contoured synoptic water level measurements in the vicinity of Schooner Pass and the Former A Range showed that the Schooner Pass well was not downgradient of the Former A Range.
- Jeff Rose (DEP Water Supply) provided Mr. Gallagher with pumping rates for the Schooner Pass well. Ralph Marks (BWD) had indicated to Mr. Gallagher that the Schooner Pass Condominiums were hooked up to Bourne water for use mainly in times of peak demand. The residents preferred the private well supply because of the higher water pressure.
- The Gallo Skating Rink Recreational Manager is investigating the potential for sampling an old supply well on the property.
- The irrigation well at the Upper Cape Regional Technical School is broken and needs to be repaired. The well cannot be accessed without removing the pump. AMEC to ask D.L. Maher (drilling subcontractor) to evaluate pump to see what needs to be done to make the pump operational.

Bourne Update

Bill Gallagher (IAGWSPO) summarized the agenda discussed at the meeting with the Bourne Water District on Wednesday, 10/02.

Sampling Results - New detections of perchlorate were reported for samples collected from 01-1 and M-6. Concentrations were below 1 ppb.

New Cross-Sections - Cross sections requested by BWD and labeled E-E' and F-F' were distributed at the meeting. All cross sections to be updated and provided to agencies (EPA/MADEP/MDPH) including a plan view map.

Particle Backtracking - Area of particle backtracks shown on figures developed by AMEC indicate a broad area of potential contamination. This general area to be investigated for source(s) of perchlorate.

Update on General Plan - MW-233 was sampled today; results will be available next week. Weekly and monthly sampling is continuing.

ROA Status - ROAs have been submitted for three wells upgradient of WS-4.

WS-4 ZOCs - Haley and Ward are contracting AMEC to develop a ZOC for Base Well WS-4. The IAGWSPO will have to talk to the BWD about obtaining this information for it to be provided prior to permit approval.

Wellhead Treatment Team Meeting - The meeting was held Tuesday, 10/1 at MADEP in Lakeville, MA. Representatives from the Guard, ACE, MADEP Water Supply, BWD, Haley and Ward, AMEC attended.

On behalf of the BWD, Haley and Ward stated that the goals of the team should be:

1) determine if there is adequate existing information on GAC to recommend its use as an emergency treatment of perchlorate at the Bourne well field;
2) research and evaluate technologies to determine if additional information is necessary to better understand them;
3) determine appropriate contaminants and concentrations to be piloted, prepare pilot study proposal, receive quotes and DEP approval;
4) conduct pilot test and evaluated results;
5) determine the most appropriate treatment technology.

- Haley and Ward also stressed that the focus of the team should be strictly on wellhead treatment and not on the IAGWSP investigation. In the meeting, Ben Gregson (IAGWSPO) stated that the Guard was willing to move forward with pilot testing and treatment on Bourne Supply well #1, but stressed the need for a perchlorate standard before any additional actions could be considered.

The Guard believes that pilot test should focus on three technologies:

1) granulated activated carbon (GAC) (that could be used on both a short-term emergency basis and possible as a long-term solution),
2) amended GAC, and
3) Ion exchange.

- The fluidized bed reactor (FBR) was not considered for wellhead treatment for Bourne because of operational complexity and permitting issues. Commenting on this decision, Todd Borci (EPA) expressed concern about eliminating this technology from consideration but including the ion exchange technology, which had waste stream concerns. Mr. Gallagher explained that FBR would not be eliminated in consideration overall for the program. Carbon was under consideration mostly for the short term because of the ease in implementation, while the other technologies were considered for long-term use.
- Other issues that were discussed were: influent concentrations to be piloted; waters to be piloted, where to conduct the pilot testing; and permitting. Jeff Rose (MADEP Water Supply) provided the Guard and BWD/Haley and Ward with various permit applications to conduct pilot testing.
- Mr. Gregson further explained that the Guard would try to maintain the flow of information between different entities associated with the project. For instance, information on perchlorate treatment gathered as part of the Central Impact Area pump test and on the bench-scale FBR test needed to provided to DEP Water Supply. Drinking water protocols developed by DEP Water Supply need to be provided to the IAGWSP.
- Mr. Gregson also explained that due to detections of perchlorate above 1 ppb in the ZOC of the water supply wells, the Guard is evaluating options to treat the groundwater as needed. The trigger for implementing wellhead treatment will depend on a concentration that is protective of human health. The Guard is looking to the agencies to promulgate a standard. In response to Mr. Borci's inquiry, Mr. Gregson explained that the EPA MMR Relevant Standard or restoration of the aquifer to non-detect that were goals for the IAGWSP were not applicable for consideration in this case because wellhead treatment was being evaluated under a different program. It was Mr. Gregson's opinion that the BWD understood the Guard's position on this matter.
- Mr. Gallagher stated that prior to the meeting, Colonel Murphy had reiterated the Guard's commitment to pilot testing to evaluate various treatment technologies.

Use of WS-4 for Emergency Water Supply. Mr. Gallagher stated that the Guard's position was that the IAGWSP investigation goal was to define the nature and extent of perchlorate and other contaminants from the base. Installation of WS4P-4 has been proposed to evaluate perchlorate downgradient of MW-233. Other wells that the BWD was requesting to serve as sentry or chemical wells (such as a well between WS-4 and WS4P-1) would need to be installed using a different funding mechanism, such as AFCEE. Additional wells could be installed in the vicinity of WS-4, contingent upon the results for WS4P-4.

Bourne Perchlorate Response Plan - In recognition of IART comments to assess groundwater quality to the west of the wellfield, the Guard has been pursuing the identification of additional downgradient wells. With the help of the USGS, 4 black HPDE monitoring wells installed in 1975 by the USGS to evaluate the salt/fresh water interface were identified along Buzzards Bay downgradient of the Wellfield. Two of the wells appear to be in fresh water, one in salt water, and one at the salt/fresh water interface. These wells will be inspected to determine their viability for sampling.

- In the BWD's comments on the Bourne Response plan, a major comment was their request for additional wells to define the northern and southern boundaries of perchlorate in the wellfield. The Guard is considering these comments, but would like to review data from MW-233, relook at proposed locations and revise the current proposal accordingly. The Guard does not view favorable the request to install a line of monitoring wells along Jonathan Bourne Drive between the Far Field wells and Bourne sentry wells, as these locations don't appear to have significant value. These locations may be considered if an increasing trend of perchlorate concentration is observed in the Far Field wells.
- Len Pinaud (MADEP) suggested to Todd Borci that the agencies wait to see the Guard's response to the BWD comments and then discuss additional well locations collectively.
- During discussion of comments, there was confusion among all parties as to the frequency of sampling of the Far Field Wells. The BWD would like the majority of these wells sampled monthly, particularly for perchlorate, explosives and VOCs. The Guard to provide BWD information on the current sampling frequency and analytes.
- Heather Sullivan (ACE) suggested that because of the timing of the Draft Workplan, rather than submitting a RCL, the workplan could be revised/resubmitted in consideration of the BWD's comments.

Miscellaneous

- Heather Sullivan to resend RCL for Soil Background Report to Todd Borci.

The following are the notes from the October 10, 2002 Technical Team meeting at the IAGWSPO:

Punchlist Items

#2 Provide update for sampling/reporting Perchlorate for Sandwich Water District (EPA/MADEP). Todd Borci (EPA) indicated that he would contact Dan Mahoney (Sandwich Water Board) shortly.

#3 Determine possibility of sampling the irrigation well at the Regional Tech School (Guard). D.L. Maher to inspect the well today to determine what effort would be needed for it to be fixed.

#4 Determine possibility of sampling the Gallo Skating Rink well (Guard). Bill Gallagher (IAGWSPO) identified the well at the Skating Rink. D.L. Maher to inspect the well today to determine its suitability for sampling.

#8 Provide GWSP's response to Bourne Water District comments on draft Bourne Response Plan (Corps/Guard). Comments to be sent out today.

#10 Provide written request for laboratory QC protocol for sensitive perchlorate samples (Corps). Guard has decided not to pursue an overall strategy; sensitive samples will be handled on an individual basis.
#11 Determine possibility of sampling old USGS wells located near ocean downgradient of the Monument beach wellfield (Corps). Guard to pursue sampling. Ray Cottengaim (ACE) to pursue access to wells from the Town of Bourne.
#12 Provide electronic copies of XM53 submunitions photographs (Corps). Photographs emailed to agencies last week.

ASR Update

Carla Buriks (Tetra Tech) provided the monthly ASR update.

- Interview summaries for Witnesses 59-61 to be provided to the agencies by end of the day Friday, 10/11.
- A status table summarizing ongoing and completed interviews was distributed on 9/12. The private investigator had further pursued the Navy witness that was identified previously. However, although previously cooperative, this potential witness refused to speak with the investigator when the household was re-contacted. A BOMARC maintenance supervisor and four others who handled the nuclear warheads and electronics in the former maintenance group were interviewed, including one individual who was present in 1972 during the decommissioning. However, no personnel have been identified who worked on the maintenance of the propellant components. These interview summaries to be provided shortly. A list of personnel involved in artillery and infantry at MMR was compiled and will be provided to the agencies next week.
- A table specifying contractors and contractor activities per witness was compiled and distributed on 9/24.
- A table summarizing recent interviews through Round 3 (Witness 25 through 52 with follow-up) was distributed to the agencies for comment on 9/25.
- A CD of all interview summaries approved to date (Witness 1-58), affidavits, witness summary tables, and the redacted witness schedule was provided to the Corps for distribution to the agencies on 9/30.
- Finalization of the ASR continues for completion by mid-December 2002. The ASR GIS Data Archive process was initiated in September 2002. As portions of the Report are updated or added and approved, they will be posted to the archive.

MSP3 and Southeast Ranges Update

Rob Foti (Corps) provided an update on the MSP3 tasks.
J-2 Range Polygons. Crews are working on Polygon 2G. This polygon will likely be finished today for a total of 14 completed. Table of Polygon 2 findings (hits table) was distributed. J1/J3/J2 Range table of polygon findings (hits only table) exclusive of Polygon 2 to be provided shortly.
As requested by EPA, a complete data summary (hits only) to be provided of all items and sampling data exclusive of Polygons 1 and 2 from J-2 Range. This information to be provided for consideration of the J-2 Range Soil Report addendum to be submitted on 12/16. Herb Colby (AMEC) expressed concern about the extent of supporting information to be provided, so that the data could be adequately interpreted. Susan Stewart (Tetra Tech) to identify date for submission of the complete data summary. Issues to be discussed further in SE Ranges OU Scheduling discussion in todays after meeting.

SCAR Site. Excavation of first six approved anomalies is completed. The additional eight anomalies and trench excavation have been approved by the agencies. The trench work has been started; completion of the work is scheduled for today. Todd Borci clarified that the current agreement is that the excavation does not need to continue until SCAR rockets are no longer uncovered; the agreement is to confirm that the strong signal mapped in this area is coming from multiple SCAR rocket debris, and not other ordnance/burial. The trench to be encircled with snow fencing pending Dr. Susan Goodfellow's (E&RC) inspection for cultural resources. Photographs of the trench excavation were distributed for viewing. Electronic copies to be emailed to the agencies. SCAR update to 10/9 was distributed; table includes details of items from Anomalies 1-6.

U Range. Grubbing (70% complete) and surface clearance (30% complete) continuing. Southern berm to be grubbed next week. Crews have been instructed to measure the orientation and declination of all rockets discovered. Measurements will be discontinued if, after a certain number of grids are investigated, no discernable pattern to rocket orientation is observed.

ASP Drum. This drum has been moved to E&RC's hazardous waste storage facility, labeled appropriately, and is now under E&RC's control. The Corps has provided E&RC with the analytical data and disposal is pending.

Drilling/Sampling. – Three drilling rigs are in operation. Drilling is being conducted on proposed location J3P-31 (MW-243). Well screens are being set at LP-6 (MW-242). This drill rig is scheduled to move to J1P-17. Another drill rig was set up at J1P-1 this morning. SHPO approvals for J3P-19, 20, and 22 and CIAP-14 are due on October 21st. Currently the drilling schedule has worked out such that, although timeframes are tight, ROA approvals should be received (or the waiting period concluded) to allow for the continual operation of three drill rigs.

- Todd Borci (EPA) expressed concern for the number of wells that had not yet received SHPO approval, and the overall timeframe in which these wells would be installed. Mr. Borci requested an update on communication between the Guard and SHPO and what priorities had been relayed, to determine if additional information or assistance could be provided to help the process. Mr. Borci also requested that the Guard look at the current number of well locations which have been approved and are awaiting installation; wells that have been agreed upon but have not had a specific location selected; and wells that are about to be scoped or planned for upcoming investigations, and determine the feasibility of maintaining a fourth drill rig on the project (now or in the near future), as had been done earlier in the year (through August).
- Len Pinaud (MADEP) offered to coordinate a meeting between the agencies, SHPO and Dr. Goodfellow to discuss the IAGWSP needs and show support for an approval allowing Dr. Goodfellow to make decisions on sites on SHPO's behalf. This issue to be discussed further today after the SE Ranges OU discussion.

UXO – Four UXO items from J-2 Range Polygon 2C (1 item) and the SCAR Site (3 items) are scheduled to be BIPed today:

2 105MM HE Projectile, M1 with M51 Series PD Fuze
2 75MM Projectiles, HE MK1 with Unknown Damaged Fuzes

The Barrage Rocket site investigation is scheduled to begin in January 2003, based upon Guard and Corps funding/contractor availability issues and in consideration of MSP3 priorities established by Todd Borci (EPA). Gina Tyo (ACE) to provide email to Jane Dolan (EPA) that describes distribution of MSP work to contractors.

Demo 1 Update

Heather Sullivan (Corps) provided an update on Demo 1 activities.

- ROAs for D1P-16, -17, and –18 have been submitted. ROA approval is pending for the soil sampling scoped as part of the PSI Supplemental Workplan.
- Biota (mice, shrew, vole) sampling is being conducted for the Soil OU activities.
- Todd Borci was interested in whether a determination could be made whether the elevated lead concentrations inside the Demo 1 perimeter road were a result of 0.50 caliber ammunition, smaller caliber ammunition (< than 0.50 cal), or from historic disposal activities.
- To Mr. Borci's inquiry, Mark Applebee (AMEC) explained that AMEC personnel, Rob Foti (ACE) and Bill Gallagher (IAGWSPO) reviewed the northern hillside of the Demo 1 Area to the Former E-1 and E-2 Ranges. Based on this site reconnaissance, it appears as if targets found at the perimeter of Demo 1 are associated with the Former E Ranges. These target areas will be addressed under the Phase IIB scope of work. 7.62 caliber casings were discovered associated with the hillside, but no .50 caliber casings were found that appeared to have resulted from firing. The .50 caliber casings previously found in the Demo 1 Area are likely associated with demolition activities. Mr. Applebee to ask UXO crew for feedback on findings as a result of reconnaissance of northern hillside. Summary of site visit and related observations to be emailed to the agencies.
- Mr. Borci's particular concern was to find an explanation of the high lead concentrations seen in soil at the perimeter of the Demo 1 Area.

Document & Schedule Update

Marc Grant (AMEC) reviewed document and scheduling priorities, distributing a one-page summary of scheduling issues, one page document status table and a 4-page, 3-Month Look-ahead schedule of investigation activities.

Demo 1 Biota Field Sampling Workplan MOR. Mistakenly included under Agency Action. EPA comment provided on 10/01.

Small Arms Ranges Report – 1st priority. Comments from EPA to be sent today.

Demo 1 Environmental Risk Characterization Report MOR. 2nd priority. Heather Sullivan to re-email MOR to Todd Borci. Expecting EPA approval shortly.

MSP II ASP Letter Report MOR. 2nd priority. Approval expected shortly.

LTGM Supplement for December 2002. New addition to documents list, expected to be submitted by 10/18.

Laboratory Fate and Transport Studies CRM. New addition. Tentatively scheduled for 11/7. Tina Dolen (IAGWSPO) to coordinate with Jim Stahl (IART team member).

USGS Report on Snake Pond Diffusion Sampling. Received this week from USGS.

Bourne Update

Bill Gallagher (IAGWSPO) summarized new information on the Bourne investigation.

- Unvalidated data were received for perchlorate in MW-233. Perchlorate was detected in the M3 well screen (15-25 ft bwt) at a concentration of 2.2 ppb. Screen depths for MW-233 were inaccurately listed on the results table prepared and distributed. Table to be corrected and redistributed.
- Cross-sections of the Bourne area were updated and distributed. Cross-sections to be emailed to Todd Borci (EPA). The data included with the cross-sections is becoming very crowded and input from the agencies on how to reformat this information for inclusion on the cross-sections was solicited.
- The Guard is going through with the ROA for the WSP-4 location, although it is not ideal from a natural resources perspective.

- The Wellhead Treatment Team is scheduled to meet on 10/22 at the IAGWSPO. Mary Chung (U.S. Filters) is scheduled to make a presentation on Ion Exchange as a treatment option. Another contractor, other than Dr. Fred Cannon (Penn State Univ) is being sought to provide information on amended carbon.
- Comments on the Bourne Response Plan from the BWD will be discussed at the BWD meeting next week.
- The Guard intends to sample the USGS wells downgradient of the Monument Beach wellfield. Mr. Gallagher had obtained the USGS forms for each of the four wells that were installed; the forms included general site data, site visit data, field water quality parameters, and construction details. A sketch map of the well locations and a well location map had also been provided by the USGS. Copies of the forms/maps to be provided to the agencies.
- The USGS wells were inspected. The deepest well was observed to be destroyed, while the three intermediate wells that are located in a road box appear to be viable for sampling.

Miscellaneous

- Len Pinaud to work through Jeff Rose (MADEP Water Supply) regarding sampling of Schooner pass well. Next sampling event is tentatively scheduled for mid to late November. Agencies would like this sampling event to be moved up.

The following are the notes from the October 17, 2002 Technical Team meeting at the IAGWSPO:

Punchlist Items

#2 Provide update for sampling/reporting Perchlorate for Sandwich Water District (EPA/MADEP). Todd Borci (EPA) spoke to Dan Mahoney (Sandwich Water Board) on 10/16. Mr. Borci to discuss conversation with Ben Gregson (IAGWSPO) and talk with Mr. Mahoney again next week. It is possible that this issue can be resolved so that samples for explosives analysis (due in October) can be collected concurrently with perchlorate analysis samples.

#3 Determine possibility of sampling the irrigation well at the Regional Tech School (Guard). D.L. Maher inspected the well and determined that the pump and motor are broken and cannot be fixed. Cost to remove the well and ascertain the depth of the well screen is approximately $5,000. Heather Sullivan (ACE) to discuss an intended plan of action with Bill Gallagher (IAGWSPO) and Tech School representatives.

#4 Determine possibility of sampling the Gallo Skating Rink well (Guard). D.L. Maher to inspect the well next week to determine its suitability for sampling.

#8 Determine possibility of sampling old USGS wells located near ocean downgradient of the Monument beach wellfield (Corps). Wells to be sampled next week. Denis LeBlanc (USGS) to provide assistance. AMEC to coordinate with laboratory for getting best results for Perchlorate in sample to be collected from brackish water.

#9 Provide construction forms/map of old USGS wells (Corps). Information provided last week.

#11 Provide a summary of findings from UXO recon of Demo 1 north hillside to agencies (Corps). Summary to be sent out 10/18 or 10/21.

#12 Provide corrected MW-233 well screen data table (Corps). Well screen data was correct in table. Subsequent to the selection of screen depths, the water level in well rose 18 feet. Therefore, the shallow well screen (M3), which was based on profile data, was set at the correct depth. However, the two deeper screens (M2, M1), which were based on particle tracks, were not set at the depths agreed upon in the screen selection process.

MSP3 and Southeast Ranges Update

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

J-2 Range Polygons. Crews finished Polygons 2G, H. Working on Polygon 2J. 16 polygons completed, 2 need to be revisited, 5 additional still need to be investigated. Updated list of findings was distributed.

- J-2 Range Polygon 2 analytical data was distributed last week. The J-1/J-3 Polygon update of anomalies and what was found was distributed via email. Tetra Tech is still working on a summary of J-2 Range Polygon analytical data, other than Polygon 2 data.
- Todd Borci (EPA) requested that the data summary (dump) of J-2 Range data include a map showing locations and hits only table. This summary to be discussed further in the J-2 Range scoping meeting.
- Jane Dolan (EPA) requested a table of contents for the J-2 Range Polygon Report.

SCAR Site. Updated table of findings distributed. Excavation of all 14 locations complete. Anomalies 11 and 13 will need to be revisited. Suspected 155MM HE rounds were uncovered at these locations and need to be BIPed. These excavations then need to be cleared to make sure nothing is below these items.

- Dr. Susan Goodfellow (E&RC) inspected and approved backfilling of the trench. The 14 other excavations remain to be inspected. The analytical data for Anomalies 1-3 (demo sites) has not yet been received.

U Range. Grubbing (84% complete) and surface clearance (29% complete) continuing. Southern berm to be grubbed next week. Geophysical surveys to begin next week. Crews have been instructed to measure the orientation and declination of all rockets discovered. This will consist of randomly selecting 3-4 grids to discern a pattern/no pattern. EPA would also like a determination of whether the items appear to be randomly scattered or placed for demolition. Tetra Tech to provide list of items to the agencies after the surface clearance is complete. The number of sub cal rounds per grid and locations are being recorded and will be mapped to show their distribution.

Drilling/Sampling. – Three drilling rigs are in operation. Drilling is being conducted on proposed location J1P-1 (MW-244). Rig at J3P-31 is on standby awaiting screen selections. J1P-17 location access road and pad are being built; drill rig may be mobilized to site Friday 10/18. UXO magnetometer and flagging of anomalies is ongoing at Camp Good News. No ROA approval is required for this activity. A walkthrough of the MW-157b location was conducted with AMEC, Karen Wilson (IAGWSPO) and Dr. Goodfellow; this location should be approved since it is adjacent to a previously installed well. Regarding J3P-26, no response has been received from Sandwich Conservation Commission; they will be recontacted today. MW-234, which hadn't been sampled due to exclusion zones and weekend range firing, will be sampled today, with the results placed on quick turn. A waiver the XM53 submunitions has been received for J1P-18 location.

ROA Update

Heather Sullivan (ACE) provided an update on the ROA approval process. An updated chart of the ROA schedule was distributed.

- Additions to the ROA schedule chart include: priorities for wells, date of submittal to base POC, date of submittal to SHPO, and wells proposed but without finalized locations.
- KP-2 ROA has been provided to the Corps and will be submitted to the base POCs shortly.
- No approvals were received from SHPO this week.
- Second set of priorities is for ROA approval for the Demo 1 Area wells.
- Karen Wilson has expressed concern for the WS4P wells; these may require an archeological survey.

Long Term Groundwater Monitoring

- In commenting on the LTGM Plan Assessment for the December 2002 Event (10/16 Letter), Todd Borci questioned why MW-180, MW-182 and MW-185 did not have 3 rounds of data and therefore were not included in the December LTGM round. Marc Grant (AMEC) indicated that these wells were installed between October/November of 2001 and were first sampled in January 2002. The third sampling round was completed last week.
- Mr. Borci asked Larry Pannell (Jacobs) about wells 84MW0004 and 84MW0005 that are upgradient of MW-18 (a well with 3 rounds of RDX detections), whether these wells would be sampled under the IRP program. Mr. Pannell indicated that some wells had been recently added to the ROD for LTGM. Mr. Pannell to check on these specific locations and sampling frequency.
- Mr. Borci indicated that EPA would likely have questions/comments on the December LTGM letter update regarding the Schooner Pass well and some of the other wells.
- Mr. Grant indicated the LTGM was scheduled to start at the end of November.

Bourne Update

Heather Sullivan (ACE) summarized new information on the Bourne investigation.

- Validated data were received for perchlorate in MW-233. Perchlorate was detected at 2.2 ppb in the M3 screen.
- The Draft Bourne Response Plan will be distributed in early November.
- ROA has been submitted for proposed well WSP-4 and other two contingency drilling locations upgradient of WS-4.
- Comments were received from the Bourne Water District (BWD) on the Guard's RCL for the preliminary Response Plan. These comments were discussed in the meeting with BWD Wednesday, 10/16. Ben Gregson indicated that the Draft Response Plan would address BWD comments and the recent data. Any continuing disagreements on the scope of the plan would be addressed in comments on the Draft Response Plan.
- Leo Yuskus (Haley and Ward) indicated the BWD had not been satisfied with the Guard's responses to their comments. There had been no agreement on additional well installations and there had been too much verbiage citing the need for "further evaluation". The BWD was looking forward to the next draft not predicating actions on activities that needed to be done.
- Karen Wilson indicated cultural resource issues had been identified for proposed well WS4P-4 and any additional wells that might be proposed in this area upgradient of WS-4. A broad area upgradient of the well was identified as a moderately culturally sensitive area. Therefore, an archeological survey would be required to determine if it was a historical site. The time needed to complete the actual survey was likely less than a week, however the overall SHPO review/approval and contracting process may result in a 3-6 month delay in implementing well installation. Mike Minior (AFCEE) questioned the necessity of the survey based on his experience with IRP protocols that did not involve a SHPO review process. Len Pinaud (MADEP) indicated that the IAGWSP was committed to following the legal process, as they understood it. Ms. Wilson to discuss the requirements further with Dr. Goodfellow. Gina Tyo (ACE) to investigate contracts/contractors available to complete the archeological survey. Mr. Yuskus suggested the survey be contracted for a broad area to include all proposed well locations that would need to be eventually installed.

- Leo Yuskus indicated that DEP Water Supply had reviewed the four drilling locations proposed by Haley and Ward for upgradient wells and had requested two additional wells, one between WS4P-1 and P-2 and one north of one of these wells. Mr. Yuskus stated the BWD could not wait for the serial installation of all these wells based on sampling results, because the BWD objectives were to have WS-4 permitted for use by the spring, in order for it to be on line for emergency use in the summer. The BWD viewed these wells as investigation wells, since they were to be required to assess the groundwater quality in the area upgradient of the well to determine if there were impacts from perchlorate. After the well was permitted, the determination of which, or if, these wells could be used as chemical monitoring wells or if additional chemical monitoring wells were needed, would be made by DEP Water Supply.
- Len Pinaud surmised that the IAGWSPO and BWD had different objectives. In addition, the BWD wants the investigatory process expedited to meet their water supply needs by next spring.
- Mike Minior (AFCEE) stated that if DEP Water Supply put the requirements for additional monitoring wells as part of the permitting process in writing (document the requirements), prior AFCEE funding could be accessed to install these wells. However, the BWD would be in charge of the installation. Mr. Yuskus responded that it would be much easier for the IAGWSP to install the wells since they had a set process already established.
- Meghan Cassidy and Todd Borci (EPA) expressed the EPA's desire to become involved with the decision making process to assist the BWD with their objectives. It was agreed that the agencies involvement would be most appropriate once the Draft Response Plan was received.
- Ms. Cassidy further explained that the EPA Drinking Water Section was briefed on the status of the BWD perchlorate issue and were available for technical support – specific questions or specific needs. The Drinking Water Section had relayed just this week that a promulgated MCL for perchlorate is several years off. However, a revised reference dose for perchlorate is in internal review and will be published in the IRIS database likely at the beginning of the calendar year. This dose could be used to set a cleanup level and a health advisory.
- Leo Yuskus also indicated there had been no discussions of wellhead treatment for Water Supply Wells 2 or 5, which are being pumped at approximately 18 hours/day.

Miscellaneous

- Don Wood (ACE) indicated there was one outstanding issue pursuant to finalizing the Demo Area 2 Workplan. The EPA had requested that the downgradient proposed wells be sampled for perchlorate, even though perchlorate had not been detected in upgradient wells in the Demo 2 area. Ben Gregson (IAGWSPO) indicated that although the Guard did not favor sampling for analytes in downgradient wells when upgradient well results were non detect, he agreed to the analysis for perchlorate to expedite finalizing the plan. Mr. Wood to draft MOR summarizing the agreement.

The EPA convened a meeting of the Impact Area Review Team on October 22, 2002. The issues discussed included a general investigations update; the Camp Edwards water-table mound by the U.S. Geological Survey, the Demo Area 1 Groundwater and Soil Operable Units tasks and schedule, and the Demo Area 1 Ecological Risk Assessment.

The following are the notes from the October 24, 2002 Technical Team meeting at the IAGWSPO:

Punchlist Items

#2 Provide update for sampling/reporting Perchlorate for Sandwich Water District (EPA/MADEP). Todd Borci (EPA) indicated additional discussions were to be conducted with Ben Gregson (IAGWSPO) and Dan Mahoney (Sandwich Water Board). AMEC to go forward with collecting samples for explosives analysis.

#3 Determine possibility of sampling the irrigation well at the Regional Tech School (Guard). Due to the expense of removing the pump, the Guard has decided against pursuing the sampling of this well. If and when the Regional Tech School chooses to fix the pump, the Guard is willing to sample the well. Bill Gallagher (IAGWSPO) left a message with the superintendent regarding the information on the pump, but has not received a return call.

#4 Determine possibility of sampling the Gallo Skating Rink well (Guard). John MacPherson (ACE) indicated the well is accessible and looks to have a submersible pump. D.L. Maher to inspect the well tomorrow to determine its suitability for sampling. Well to be sampled if it is possible to operate pump.

#6 Determine possibility of sampling old USGS wells located near ocean downgradient of the Monument Beach wellfield (Corps). One well was sampled yesterday 10/23; two wells to be sampled today. The deepest well in the four well cluster, which is screened in salt water, is clogged and cannot be sampled. The laboratory will treat any brackish groundwater samples prior to analysis for perchlorate. Turn around time for the analysis is 1 week.

#10 Provide narrative summary of MW-233 screen positions (Corps). Provided via email 10/23.

#11 Provide Table of Contents for J-2 Report (AMEC). Table of Contents provided. Jane Dolan (EPA) to provide comment.

MW-244 (J1P-1) Screen Selection

Herb Colby (AMEC) led a discussion on the screen selection for MW-244, which was held over from 10/23, pending review of the MW-58 forward particle track.

- Forward particle track from MW-58 (at the J-1 Range Interberm Area) crosses the MW-244 (a well downgradient of MW-58 in the Central Impact Area) borehole at 155 ft bwt.
- Profile samples were relatively clean.
- All parties agreed on screen selection for MW-244 as follows:
  Water table screen to serve as a boundary for the Central Impact Area plume.
  Screen centered at 155 ft bwt to assess downgradient extent of RDX from J-1 Range.

MSP3 and Southeast Ranges Update

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

J-2 Range Polygons. Crews finished Polygon 2J. Working on Polygon 2K, which is a burn pit where 20mm projectile (target practice) have been found. 17 polygons completed, 2 (2B and 2E) need to be revisited, 4 additional still need to be investigated. Updated list of findings was distributed. Jane Dolan to provide comments on Polygon reports via email.

SCAR Site. Updated table of findings distributed. BIP of two 155MM rounds was completed, both were HE. There were no additional items found beneath these rounds at Anomalies 11 and 13 and the investigation of the SCAR site was completed. A 105MM found in the access road to the trench was identified as a white phosphorus round after being BIPed. The area around the round was raked and post-BIP samples for white phosphorus collected.

U Range. Grubbing (95% complete) and surface clearance continuing. The southern berm was cut into to get access to 3.5-inch rockets. Four grids are being set up for documenting the orientation and declination of rockets. Tetra Tech to provide update on numbers/locations of subcal and 3.5-inch rockets found at 11/7 Tech meeting. Geophysical surveys to begin next week.
Drilling/Sampling. – ROA approvals were received for J3P-19, -20 and –22 at the end of the 30-day process period. Approval of ROAs for D1P-16, -17, and –18 were also received.
Three drilling rigs are in operation. Screens are being set at J1P-1 (MW-244). This rig to move to J3P-19. Drilling is being conducted at J1P-17 and will likely be completed next week. Well screens at J3P-31 were set yesterday, 10/23, and the rig to move to J3P-20.
UXO – Clearance completed at J3P-20 and –22 yesterday. Returning to pad J3P-19 tomorrow, 10/25, with Dr. Sue Goodfellow (E&RC) to review items discovered at pad including a 1920's license plate and nails. As Mr. Borci pointed out, the Corps does understand that this is one of the higher priority wells to be installed.
Barrage Rocket and Hillside Sites. To Ms. Dolan's inquiry, Mr. Foti indicated that ROAs were approved for these sites. There were specific requirements for the other MSP3 sites such as the ponds. Twenty transects are being conducted at the Barrage Rocket site.
AirMag – To Ms. Dolan's inquiry, Susan Stewart (Tetra Tech) indicated that the AirMag Report was under review by the Guard and should be submitted to the agencies on 11/22 or 11/25.
Miscellaneous – Todd Borci (EPA) requested that AMEC forward the write-up on MW-187 petroleum product detections to him and Denis LeBlanc (USGS).

- To Mr. Borci's inquiry, John MacPherson (ACE) explained that hunting was being conducted in the training areas north and west of the Impact Area, but not in the Impact Area. Range Control had not restricted contractor access to the Impact Area or Southeast Ranges during the hunting period; the contractor's to make individual decision on what areas to work in based on safety concerns. Len Pinaud (MADEP) indicated hunting was scheduled for December 2, 3, 7, 16, 20, 21.
- Desiree Moyer (EPA) requested an updated list of proposed versus actual wells.

Central Impact Area Soil OU Boundaries

Jay Clausen (AMEC) led a discussion on the boundaries of the Central Impact Soil OU.

- A figure was distributed showing a compilation of the AirMag data; outline of the RDX groundwater plume; detections of soil grids with explosives; UXO finds and anomaly investigations in the vicinity of the Impact Area. An outline of the boundary of the soil OU, as defined in a previous meeting, was drawn on the figure in red. The OU included 100-foot diameter circles around areas associated with RTNs.
- Based on this data, Mr. Clausen asked the agencies for any revisions.
- Mr. Borci suggested that the Target 46 area at Five Corners be included even though no explosives were detected in soil in this area and the underlying groundwater contamination might be attributable to further upgradient sources. Closer scrutiny of this area could be made under the OU.
- Mr. Clausen recommended the eastern boundary be moved to include all the soil detections at HUTAII Transect 2.
- Mr. Clausen indicated further that the OU boundary included the termination of all particle backtracks and the areas of low level perchlorate detections in soil, approximately 12 detections of 150 soil samples collected from particle backtracks, targets and anomalies. Mr. Clausen to double-check on particle backtracks.
- All parties agreed that the Map should be revised accordingly and AMEC to proceed with the Eco-Risk Assessment.

Bourne Update

Bill Gallagher (IAGWSPO) summarized recent Bourne activities and discussions from the Wellhead Treatment Team meeting.

- Weekly and monthly sampling was continuing; waiting on the ROA for WS4P-4.
- Regarding the setting of the MW-233 well screens, the shallow screen was set where originally selected (where perchlorate was detected in the profile sample). The other two screens were set 18 feet deeper than originally selected. The M2 screen, which was set at 133-143 feet, did intersect the particle backtrack from WS-4 (at 142 feet bwt), which was the approximate target depth (140-150 ft bwt) for the M1 screen. Todd Borci suggested the Guard wait on any decision regarding MW-233 after WS4P-4 was installed.
- Regarding MW-219 (WS4P-1) data, the quick-turn profile results reported perchlorate as non-detect for the shallow well screen (S). However, this result was from a result the lab reran, the original result was a detection of 0.49 ppb, which the validator's determined was valid. The detection was noted at 183 ft bwt, while the screen was set at 170-180 ft bwt. Todd Borci requested that the validators be asked to review the chromotagrams of the clean samples and the lab be contacted regarding the reason for reanalyzing the sample. This information to be explained in the Monday Bourne sampling update with a cover email. Leo Yuskus (Haley & Ward) to be notified of this development.

Wellhead Treatment Meeting

Documentation. AMEC representatives to take notes and distribute notes to team and EPA/MADEP.

Bourne Supply Wells secondary water parameters. These results were requested for use in evaluating the pilot testing. Information on the Bourne wells is only collected in December; however DEP Water Supply requires seasonal data. However, this information is primarily necessary for the COCs, for which plenty of information is available.

Technology Transfer. Guard provided information from Central Impact Area Pump test and GAC test with Bourne and DEP Water Supply.

Definition of Success. Guard defines success as treating the perchlorate in groundwater to the approved MCL. The pilot program will be designed to evaluate various influent concentrations.

Technologies. Under consideration for pilot testing are GAC, tailored/amended GAC (with ion exchange resin) and Ion Exchange. Technologies to be considered for emergency conditions are GAC and possibly GAC from coconut shell carbon.

Source Waters for Pilot Test. AMEC recommended MW-80M1 be used for the source of perchlorate-containing water since the geochemistry of the water from this well is similar to the Bourne wellfield and has had consistent detections above 1 ppb. AMEC to review drilling logs and complete a mini pump test as a minimum pumping rate of 10 gpm is required. D.L. Maher had indicated that the Redi Flo 2 pump, which is the only commercially available pump to use in a 2-inch well, will only pump the water at a maximum of 5 to 6 gpm given the 50 foot head. AMEC to evaluate further.

Vendor Presentation. Mary Chung of US Filters provided a presentation on use of Ion Exchange for perchlorate treatment. US Filters is fairly well connected and have experience in all three technologies.

Action Items.

- Guard to evaluate pumping capacity of MW-80M1.
- BWD/Haley and Ward to review geochemistry data from MW-80M1 in comparison to Bourne well field data.
- DEP to see if coconut shell carbon is an innovative technology that would trigger the necessity of going though the permitting process.
- Guard to check on NSF approval of resins.
- Next meeting to be scheduled pending receipt of MW-80M1 information.

Miscellaneous

- Todd Borci requested that Mike Goydas (Jacobs) follow up on last week's question to Larry Panell (Jacobs) regarding available rounds of data for CS-8 wells.
- Regarding the data handout from the IART meeting, AMEC to check on analytical results for MW-16.
- Regarding recent metal results at MW-188 and MW-215 and SVOC data at MW-187 and MW-188, Mr. Borci requested that AMEC note this data and provide validated data summary to EPA when available.

Documents and Schedules

Marc Grant (AMEC) led a discussion of document priorities.
Demo 1` Environmental Risk Characterization Report MOR. 1st priority. Waiting on EPA approval.
Demo 1 Soil Report MOR. 2nd priority. Waiting on DEP approval. Len Pinaud indicated that further clarification was needed regarding General Comment #1, DEP was uncertain of where this comment was introduced. Mr. Grant to check.
Small Arms Ranges Report. 3rd priority. Waiting on DEP comments.
UXO Interim Screening Report MOR. 4th priority. Len Pinaud (MADEP) indicated that DEP had sent a letter of concurrence. Also waiting EPA approval.
MSP II ASP Letter Report MOR. 5th priority. Waiting on EPA approval.
Central Impact Area Aquifer Test Summary Report. 6th priority. Comments from both agencies expected. DEP comments ready shortly.
HUTA1 Report. Response to Comment Letter sent of 8/28. EPA to provide additional comments that are several weeks off from being drafted.
MSP3 Gun and Mortar Workplan. Desiree Moyer to check if resolution meeting or RCL response is next step.
Munitions Management Plan. Revised plan, in accordance with EPA's original comments, to be sent on 10/31. DEP to review this revision of the plan.
OE Characterization Workplan. Mr. Grant to check if TBD for this document is for MOR approval. Mr. Borci indicated comments on MOR are approximately 2 weeks off.

The IAGWSP Technical Team meeting, originally scheduled for October 31, 2002, was cancelled.

2. SUMMARY OF DATA RECEIVED

Validated data were received during October for Sample Delivery Groups (SDGs): CEO002, CEO003, CEO004, CEO005, CEO006, CEO007, CEO008, CEO015, CEE262, CEE277, CEE281, CEE282, CEE283, CEE285, CEE286, CEE288, CEE289, CEE293, CEE294, CEE295, CEE298, CEE299, CEE301, CEE307, CEI064, CEI207, CEI233, CEI237, CEI239, CEI241, CEI263, CEI265, CEI267, CEI271, CEI273, CEI274, CEI275, CEI276, CEI278, CEI279, CEI280, CEI284, CEI287, CEI290, CEI291, CEI292, CEI296, CEI302, CEI303, CEI309, CEI312, CMR071, CMR073, DMR024, DMR025, DMR026, GCE001, GCE002, GCE003, GCE005, GCE006, MMR942, MMR947, MMR948, MMR949, MMR950, MMR951, MMR952, MMR953, MMR955, MMR956, MMR957, MMR958, MMR959, MMR960, MMR961, MMR962, MMR963, MMR964, MMR965, MMR966, MMR967, MMR968, MMR969, MMR970, MMR971, MMR972, NMR030, NMR031, SMR032, SMR033, and SMR034.

These SDGs contain results for four crater grab samples; 413 groundwater samples from supply wells, test wells, monitoring wells, and a spring; two process water samples from the FS-12 treatment system; 210 profile samples from monitoring wells MW-228, MW-229, MW-230, MW-231, MW-232, MW-233, MW-234, MW-235, MW-236, MW-237, MW-239 and MW-240; 50 soil grid samples from the J-2 Range, Mortar Position MP-4 and Gun Position GP-16; 19 soil samples from soil boring B-39 and MW-228; three surface water samples from Snake Pond and five other samples.

Validated Data

Figures 1 through 8 depict the cumulative results of groundwater analyses for the period from the start of the IAGS (July 1997) to the present. Each figure depicts results for a different analyte class:

- Figure 1 shows the results of explosive analyses by EPA Method 8330
- Figure 2 shows the results of inorganic analyses (collectively referred to as “metals”, though some analytes are not true metals) by methods E200.8, 300.0, 350.2M, 353M, 365.2, CYAN, IM40MB, and IM40HG
- Figure 3 shows the results of Volatile Organic Compound (VOC) analyses by methods OC21V, 504, and 8021W, exclusive of chloroform detections
- Figure 4 shows the results of Volatile Organic Compound (VOC) analyses by method OC21V, only detections of chloroform. This figure is updated and included semiannually in only in the January and June Monthly Progress Reports.
- Figure 5 shows the results of Semi-Volatile Organic Compound (SVOC) analyses by methods OC21B and SW8270, exclusive of detections of bis (2-ethylhexyl) phthalate (BEHP)
- Figure 6 shows the results of Semi-Volatile Organic Compound (SVOC) analyses by methods OC21B and SW8270, only detections of BEHP. This figure is updated and included semiannually only in the January and June Monthly Progress Reports.
- Figure 7 shows the results of Pesticide (method OL21P) and Herbicide (method 8151) analyses
- Figure 8 shows the results of Perchlorate analysis by method E314.0

The concentrations from these analyses are depicted in Figures 1-7 compared to Maximum Contaminant Levels (MCLs) or Health Advisories (HAs) published by EPA for drinking water. The concentrations from Perchlorate analyses are depicted in Figure 8 compared to an EPA

MMR Relevant Limit. A red circle is used to depict a well where the concentration of one or more analytes was greater than or equal to (GTE) the lowest MCL, HA, or EPA MMR Relevant Limit for the analyte(s). A yellow circle is used to depict a well where the concentration of all analytes was less than (LT) the lowest MCL, HA, or EPA MMR Relevant Limit. A green circle is used to depict a well where the given analytes were not detected. An open circle is used to depict an existing well where the analytes in question (for example, Explosives in Figure 1) have not yet been measured. Table 3 summarizes the detections that exceeded a MCL, HA, or EPA MMR Relevant Limit, sorted by analytical method and analyte, since 1997.

There are multiple labels listed for some wells in Figures 1-8, which indicate multiple well screens at different depths throughout the aquifer. The aquifer is approximately 200-300 feet thick in the study area. Well screens are positioned throughout this thickness based on various factors, including the results of groundwater profile samples, the geology, and projected locations of contaminants estimated by groundwater modeling. The screen labels are colored to indicate which of the depths had the chemical detected above MCLs/HAs/EPA Limit. Generally, groundwater entering the top of the aquifer will move deeper into the aquifer as it moves radially outward from the top of the water table mound. Light blue dashed lines in Figures 1-8 depict water table contours. Groundwater generally moves perpendicular to these contours, starting at the center of the 70-foot contour (the top of the mound) and moving radially outward. The rate of vertical groundwater flow deeper into the aquifer slows as groundwater moves away from the mound.

The results presented in Figures 1-8 are cumulative, which provides a historical perspective on the data rather than a depiction of current conditions. Any detection at a well that equals or exceeds the MCL/HA/EPA Limit results in the well having a red symbol, regardless of later detections at lower concentrations, or later non-detects. The difference between historical and current conditions varies according to the type of analytes. There are little or no differences between historical and current exceedances of drinking water criteria for Explosives, VOCs, Pesticides, and Herbicides; the minor differences are mentioned in the following paragraphs. There are significant differences between historical and current exceedances of drinking water criteria for Metals and SVOCs, as described further below. There is no historical data available for Perchlorate.

Figure 1: Explosives in Groundwater Compared to MCLs/HAs

For data validated in October 2002, five wells, MW-198M3, MW-215M2, MW-227M2 (Southeast Ranges), and MW-204M2, MW-206M1 (Central Impact Area) had first time validated detections of RDX above the MCL/HA. Two wells, MW-78M1 (Central Impact Area) and Schooner Pass (Northwest of Impact Area), had first time validated detections of various explosives, if explosives list compounds individually for these wells below the MCLs/HAs.

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

- Demo Area 1 (wells 19, 31, 34, 73, 76, 77, 114, and 129);
- Demo Area 2 (wells 16 and 160);
- The Impact Area and CS-19 (wells 58MW0001, 0002, 0009E, 0011D, 0016B, 0016C 0018B; and wells 1, 2, 23, 25, 37, 38, 40, 85, 86, 87, 88, 89, 90, 91, 93, 95, 98, 99, 100, 101, 105, 107, 111, 113, 178, 184, 201, 204, 206, 207, 209, OW-1, OW-2, and OW-6); and

- J Ranges and southeast of the J Ranges (wells 45, 58, 132, 147, 153, 163, 164, 165, 166, 171, 191, 196, 198, 215, 227 and wells 90MW0022, 90MW0054 and 90WT0013).

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

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

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

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

Figure 2: Metals in Groundwater Compared to MCLs/HAs

For data validated in October 2002, no wells had first time validated detections above the MCLs/HAs. Thirty-two wells had first time validated detections of various metals below the MCLs/HAs.

Exceedances of drinking water criteria for metals are scattered throughout the study area. Where two or more rounds of sampling data are available, the exceedances generally have not been replicated in consecutive sampling rounds. The exceedances have been measured for antimony, arsenic, cadmium, chromium, lead, molybdenum, sodium, thallium and zinc. Arsenic (well 7M1), cadmium (52M3), and chromium (7M1) each had one exceedance in a single sampling round in August-September 1999. One of four lead exceedances (ASP well) was repeated in another sampling round and the remaining three lead exceedances (wells 2S, 7M1, and 45S) have not been repeated in previous or subsequent results. The Health Advisory for molybdenum was updated based on the most current state and federal Health Advisories from 10 ppb to 40 ppb. Two of the eight molybdenum exceedances were repeated in consecutive sampling rounds (wells 53M1 and 54S). All of the molybdenum exceedances have been observed in year 1998 and 1999 results. Six of the 17 sodium exceedances were repeated in

consecutive sampling rounds (wells 2S, 46S, 57M2, 57M1, 145S, and SDW261160). Five wells (90WT0010, 21S, 46S, 57M1, and 57M2) had sodium exceedances in the year 2000 results; five wells (21S, 144S, 145S, 148S and ASP) had exceedances in the year 2001 results, and one well (187D) had exceedances in year 2002 results. Zinc exceeded the HA in seven wells, all of which are constructed of galvanized (zinc-coated) steel.

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

In May of 2001, the Guard added a new method to achieve lower detection limits for antimony and thallium. Groundwater samples sent for metals analysis are analyzed for most metals by Inductively Coupled Plasma (ICP) in accordance with the U.S. EPA Contract Laboratory Program Statement of Work ILM04.0. Antimony and thallium are also analyzed by graphite furnace atomic absorption (GFAA) in accordance with EPA Drinking Water Methods 202.4 (antimony) and 200.9(thallium). These additional methods achieve lower detection limits for these two metals, both of which are subject to false positive results at trace levels by ICP as a result of interferences. These interferences do not affect the GFAA analysis.

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

Figure 3: VOCs in Groundwater Compared to MCLs/HAs

For data validated in October 2002, no wells had first time validated detections of VOCs above an MCL/HA. Ten wells had first time validated detections of volatile organic compounds below the MCLs/HAs.

Exceedances of drinking water criteria for VOCs are indicated in four general areas: Bourne well (02-12), CS-10 (wells 03MW0007A, 03MW0014A, and 03MW0020), LF-1 (well 27MW0017B), and FS-12 (wells MW-45S, 90MW0003, and ECMWSNP02D) and in the J-1 Range (MW-187D). CS-10, LF-1, and FS-12 are sites located near the southern extent of the Training Ranges that are currently under investigation by AFCEE under the Superfund program. Exceedances of drinking water criteria were measured for tetrachloroethylene (PCE) at CS-10, for vinyl chloride at LF-1, and for toluene, 1,2-dichloroethane, and ethylene dibromide (EDB) at FS-12. These compounds are believed to be associated with the sites under investigation by AFCEE. Detections of benzene, tert-butyl methyl ether, and chloromethane at J-1 Range well 187D and chloromethane at Bourne well 02-12M1 are currently under investigation.

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

Figure 4: Chloroform in Groundwater Compared to MCLs

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

Figure 5: SVOCs in Groundwater Compared to MCLs/HAs

For data validated in October 2002, no wells had first time validated detections of semi-volatile organic compounds. Five wells, BHW2115083A (Bourne Landfill), MW-188M1, MW-190M1, MW-227M2 (Southeast Ranges), and MW-192M1 (Central Impact Area), had first time validated detections of semi-volatile organic compounds below the MCLs/HAs.

Exceedances of drinking water criteria for SVOCs are scattered throughout the study area. All exceedances of drinking water criteria for SVOCs were measured for bis (2-ethylhexyl) phthalate (BEHP), except for well 41M1 which had an estimated level of 2,6-dinitrotoluene (DNT) that is equal to the HA. Detections of BEHP are presented separately in Figure 6, which was last updated and included for the June Monthly Progress Report.

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

Figure 6: BEHP in Groundwater Compared to MCLs

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

A detailed discussion of the presence of BEHP is provided in the Draft Completion of Work Report (7/98) and subsequent responses to comments. The theory that BEHP mostly occurs as an artifact, and is not really present in the aquifer, is supported by the results of subsequent sampling rounds that show much lower levels of the chemical after additional precautions were taken to prevent cross-contamination during sample collection and analysis. Only four locations (out of 82) showed BEHP exceedances in consecutive sampling rounds: 28MW0106 (located near SD-5, a site under investigation by AFCEE), 58MW0006E (located at CS-19), and 90WT0013 (located at FS-12), and 146M1 (located at L Range). Subsequent sampling rounds at all these locations have had results below the MCL. Three wells (49S, 57M2, and 84D) have had a BEHP exceedance in the year 2000 results. Ten wells (28M1, 55D, 82D, 142M1, 142M2, 146M1, 157D, 158M2, 168M1, and 168M2) have had a BEHP exceedance in the year 2001 results. Four wells (27MW0705, 27MW2061, 188M1 and 196M1) had BEHP exceedances in the year 2002 results. This figure, presenting only BEHP detections was last updated and included for the June Monthly Progress Report.

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

For data validated in October 2002, no wells had first time validated detections of herbicides or pesticides. Three wells, MW-188, MW-193S, and MW-196S (Southeast Ranges), had first time validated detections of herbicides or pesticides below the MCLs/HAs.

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

There was one exceedance of drinking water criteria for herbicides, at well 41M1. This response well was installed downgradient of the Central Impact Area, as indicated above (see discussion for Figure 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 October 2002, two wells, MW-141M2 and OW-6 (Central Impact Area), had first time validated detections of perchlorate that exceeded the EPA MMR Relevant Standard of 1.5 ppb. Four wells in the Monument Beach well Field, 00-4D, 02-03M1, 02-05M2 and 02-12M2 had first time validated detections of perchlorate that did not exceed the EPA MMR Relevant Standard.

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

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

- Demo Area 1 (wells 19, 31, 32, 33, 34, 35, 73, 75, 76, 77, 78, 114, 129, 139, 162, 165, 172, 210, and 211);
- Central Impact Area and CS-19 (wells 58MW0009C and 58MW0015A and wells 91, 93, 99, 100, 101, 105, 141, OW-1, OW-2 and OW-6);
- J Ranges and southeast of the J Ranges (wells 125, 127, 128, 130, 132, 158, 163, 166, 193, 197 and 198 and wells 90MW0022 and 90MW0054);
- Northwest of Impact Area (well 66);
- West of Impact Area (well 80);
- LF-1 (wells 27MW0031B and 27MW2134A); and
- CS-18 (well 16MW0001).

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:

Bourne Wellfield

- Groundwater samples from wells 4036000-03G; 01-1; 01-2;1-88A, B; 97-2; 97-5; 02-02M2 and duplicate, M3; 02-04M1; 02-05M1, M2, M3; 02-07M3; 02-08M2, M3; 02-09M1, M2; 02-13M1, M2, M3; MW-80M1, M2; MW-213M2, M3; and MW-226M2 had detections of perchlorate. The results were similar to the previous sampling rounds.

- Groundwater samples from 00-1 had a detection of perchlorate. This is the first sampling event at this well.

- Groundwater samples from MW-226M3 had a detection of perchlorate. This is the first detection of perchlorate in this well.

- Groundwater samples from MW-233M1, M2, and M3 had detections of chloroform and perchlorate. These results were consistent with profile results.

- Groundwater samples from M-6C had a detection of perchlorate. This is the first detection of perchlorate in this interval. Perchlorate has previously been detected in the B interval at this well.

- Groundwater samples from 00-1D and 02-04M2 had detections of TCE. The results were similar to the previous sampling rounds.

- Groundwater samples from 00-2D had detections of 2,6-DNT and TCE. The detection of 2,6-DNT was confirmed by PDA spectra. Nitroglycerin was also detected but not confirmed by PDA spectra. This is the first sampling event at this well. The sample is being reanalyzed using Mass Spectrometry to confirm the detection of 2,6-DNT.

- Groundwater samples from 00-2S had a detection of acetone. This is the first sampling event at this well.

- Groundwater samples from 00-4D had a detection of chloromethane. This is the first detection of chloromethane in this well.

- Groundwater samples from M-7C had a detection of 1,2,4-trichlorobenzene. This is the first detection of 1,2,4-trichlorobenzene in this well.

- Sixty-eight groundwater samples and duplicate samples had detections of chloroform.

Central Impact Area and CS-19

- Groundwater samples from MW-38M3, M4; MW-87M1, M2; MW-88M2; MW-89M1 and duplicate, M2 and M3; MW-91M1; MW-93M1, M2; MW-94M1,M2; MW-95M1, M2; MW-96M2; MW-98M1; MW-99M1 and duplicate; MW-135M2, had detections of explosives that were confirmed by PDA spectra. The results were similar to previous sampling rounds, except that this first analysis with the method 8330NX at these wells.

- Groundwater samples from MW-206M1 and MW-207M1, M2 had detections of RDX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.

- Groundwater samples from MW-98S had a detection of 4A-DNT that was not confirmed by PDA spectra. This compound has been a previously validated detection in this well.

- Groundwater samples from MW-235M1 and duplicate had detections of RDX and HMX that were confirmed by PDA spectra. The detections of explosives were consistent with the profile results.

Northeast of the Central Impact Area

- Groundwater samples from MW-18M1 had detections of RDX that were confirmed by PDA spectra. The results were similar to previous sampling rounds, except that this is the first analysis with method 8330NX at these wells.

North of the Central Impact Area

- Groundwater samples from MW-55D and MW-63D had detections of RDX that were not confirmed by PDA spectra, but with interference. There have been no previous validated detections of RDX in these wells.

Southeast of the Ranges

- Groundwater samples from MW-132S, MW-153M1, MW-157M2, MW-166M3 and duplicate, MW-171M2, MW-187M1, MW-191M1, M2, MW-196S, MW-217M1, M2, and MW-218M2, M3 had detections of RDX that were confirmed by PDA spectra. The results were similar to the previous sampling rounds, except that this is the first analysis with the method 8330NX at well MW-132S, MW-153M1, MW-157M2, MW-166M3.

- Groundwater samples from MW-140M1 had a detection of RDX that was confirmed by PDA spectra. This is the first time RDX has been detected at this well.

- Groundwater samples from MW-191S had detections of RDX and HMX that were confirmed by PDA spectra. This is the first time explosives have been detected in this well.

- Groundwater samples from 90WT0013 had detections of MNX and RDX that were confirmed by PDA spectra, but with interference. A duplicate sample had a detection of RDX that was confirmed by PDA spectra, but with interference. Additional explosive compounds were detected but not confirmed by PDA spectra. RDX has previously been detected in this well. This is the first detection of MNX, as well as the first analysis with the method 8330NX in this well.

- Groundwater samples from MW-45M2 had detections of PETN and picric acid that were not confirmed by PDA spectra. There have never been validated detections of explosives in this well.

- Groundwater samples from MW-190M1 had a detection of TNT that was confirmed by PDA spectra, but with interference. There have been no previous validated detections of explosives in this well.

- Groundwater samples from MW-234M1 had detections of perchlorate, 2A-DNT, 4A-DNT, RDX, HMX, TNT, and nitroglycerin. These compounds, except nitroglycerin, were confirmed by PDA spectra. The detections of explosives were consistent with the profile results.

- Groundwater samples from MW-236S had a detection of picric acid that was not confirmed by PDA spectra. The results were consistent with the profile results.

- Profile samples from MW-242 (LP-6) had detections of explosives and VOCs. 1,3,5-rinitrobenzene was detected and confirmed by PDA spectra but with interference, in four intervals between 27 and 47 feet and at 77 feet below the water table. Nitrobenzene was detected and confirmed by PDA spectra but with interference, at 37 feet below the water table. RDX was detected and confirmed by PDA spectra but with interference, in ten intervals between 67 and 157 feet below the water table. Well screens were set at the depths corresponding to the highest RDX detections (72 to 82 ft bwt and 142 to 152 ft bwt).

- Profile samples from MW-243 (J3P-31) had detections of explosives, VOCs and perchlorate. 2,6 DNT was detected and confirmed by PDA spectra at 161 feet below the water table. Perchlorate was detected in five intervals between 1 and 41 feet below the water table. Well screens were set at the depths corresponding to the highest perchlorate detections (1 to 11 ft bwt and 16 to 26 ft bwt) and at a depth (46 to 56 ft bwt) corresponding to the clean zone below the perchlorate detections.

- Profile samples from MW-244 (J1P-1) had detections of explosives and VOCs. 1,3,5-Trinitrobenzene was detected and confirmed by PDA spectra at 5 feet below the water table. 2,6-DNT was detected and confirmed by PDA spectra in four intervals: 5 feet, 10 feet, 30 feet, and 110 feet below the water table. Well screens were set at the water table and at the depth (150 to 160 ft bwt) the forward particle track from MW-58S intersected the MW-244 borehole.

- Profile samples from MW-245 (J1P-17) had detections of explosives and VOCs. RDX was detected and confirmed by PDA spectra in ten intervals between 6 and 76 feet, 96 feet, 106 feet, and 126 feet below the water table. 1,3,5-trinitrobenzene was detected and confirmed by PDA spectra but with interference at 16 feet below the water table. Well screens were set at the water table corresponding to the highest RDX detections (122 to 132 ft bgs) and at the depth (244 to 254 ft bgs) that the forward particle track from MW-164M2 intersected the MW-245 borehole.

Demo Area 1

- Profile samples from MW-240 (D1P-15) had detections of explosives. RDX was detected and confirmed by PDA spectra at 12 feet below the water table. 2,6 DNT was detected and confirmed by PDA spectra at 52 feet below the water table. Well screens were set at the depth (7 to 17 ft bwt) of the RDX detection, and at depths corresponding to perchlorate detections in neighboring wells (27 to 37 ft bwt and 100 to 110 ft bwt).

3. DELIVERABLES SUBMITTED

Deliverables submitted during the reporting period include the following:

Weekly Progress Update September 23 - September 27, 2002	10/04/2002
Monthly Progress Update for September 2002	10/09/2002
Weekly Progress Update September 30 - October 4, 2002	10/10/2002
Draft Method Comparability Study Results for Explosives in Soil	10/18/2002
Weekly Progress Update October 7 - October 11, 2002	10/18/2002
Weekly Progress Update October 14 - October 18, 2002	10/25/2002
Final Summary Report – January – March 2001 UXO Detonations, MMR-6734	10/31/2002
Final Summary Report – April – June 2001 UXO Detonations, MMR-6737	10/31/2002
Final Summary Report – July – September 2001 UXO Detonations, MMR-6767	10/31/2002
Final Summary Report – October – December 2001 UXO Detonations, MMR-6789	10/31/2002
Final Summary Report – July 2000 UXO Detonations, MMR-6692	10/31/2002
Final Summary Report – August 2000 UXO Detonations, MMR-6696	10/31/2002
Final Summary Report – September 2000 UXO Detonations, MMR-6698	10/31/2002
Final Summary Report – October – December 2000 UXO Detonations, MMR-6712	10/31/2002

4. SCHEDULED ACTIONS

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

- Continue Demolition Area 1 Groundwater RRA/RAM Plan
- Continue Demolition Area 1 Soil RRA/RAM Plan
- Continue HUTA 1 Revised Draft Final Report revision
- Finish HUTA 2 Site #1 Final Report
- Finish HUTA 2 Site #2 Final Report
- Finish HUTA 2 Site #3 Final Report
- Finish HUTA 2 Site #4 Final Report
- Finish HUTA 2 Site #5 Final Report
- Finish J-1/J-3/L Ranges Additional Delineation Revised Draft Report
- Finish Gun and Mortar Firing Position Draft Final COC Letter Report
- Continue Gun and Mortar Firing Positions Revised Draft Final Report revision
- Continue Phase II(b) Draft SAR Report revision
- Continue Phase II(b) Draft Final Report preparation
- Continue Revised MSP Phase I Draft Report revision
- Finish MSP2 ASP Geophysics Final Report
- Continue MSP3 Eastern Test Site Draft Report revision
- Commence MSP Scar Site Draft Report preparation
- Continue Demo Area 1 Soil Feasibility Study Screening Draft Report revision
- Finish UXO Feasibility Study Screening Final Report

5. SUMMARY OF ACTIVITIES FOR DEMO 1

Additional delineation of the downgradient portion of the groundwater plume is being conducted prior to finalizing the Feasibility Study for the Groundwater Operable Unit and as the Interim Action for groundwater remediation is being designed. Pumping and treating groundwater at the toe of the Demo 1 plume and at Frank Perkins Road has been selected as an Interim Action to address the Demo 1 Area Groundwater Operable Unit. A Rapid Response Action/Release Abatement Measure (RRA/RAM) is also being planned to address soil contamination at Demo 1. Biota collection, to support the ecological risk characterization, was implemented. UXO clearance at proposed monitoring well location D1P-16 was completed. Soil sampling, to provide additional delineation of the extent of contamination, was initiated.

TABLE 2
SAMPLING PROGRESS
10/1/2002 - 10/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
TAA12AR01	12AR	10/03/2002	ANIMAL_TISSUE				
TAA12AR02	12AR	10/08/2002	ANIMAL_TISSUE				
TAB12AB01	12AB	10/07/2002	ANIMAL_TISSUE				
TAB12AB02	12AB	10/07/2002	ANIMAL_TISSUE				
TAB12AB03	12AB	10/09/2002	ANIMAL_TISSUE				
TAB12AB04	12AB	10/10/2002	ANIMAL_TISSUE				
TAB12AB05	12AB	10/10/2002	ANIMAL_TISSUE				
TAB12AB06	12AB	10/11/2002	ANIMAL_TISSUE				
TAC12Y01	12Y	10/03/2002	ANIMAL_TISSUE				
TAC12Y02	12Y	10/03/2002	ANIMAL_TISSUE				
TAC12Y03	12Y	10/07/2002	ANIMAL_TISSUE				
TAD12AU01	12AU	10/03/2002	ANIMAL_TISSUE				
TAD12AU02	12AU	10/04/2002	ANIMAL_TISSUE				
TAD12AU03	12AU	10/04/2002	ANIMAL_TISSUE				
TAD12AU04	12AU	10/07/2002	ANIMAL_TISSUE				
TAD12AU05	12AU	10/08/2002	ANIMAL_TISSUE				
TAD12AU06	12AU	10/09/2002	ANIMAL_TISSUE				
TAD12AU07	12AU	10/09/2002	ANIMAL_TISSUE				
TAD12AU08	12AU	10/10/2002	ANIMAL_TISSUE				
TAD12AU09	12AU	10/11/2002	ANIMAL_TISSUE				
TAE12AM01	12AM	10/09/2002	ANIMAL_TISSUE				
TAE12AM02	12AM	10/09/2002	ANIMAL_TISSUE				
TAE12AM03	12AM	10/10/2002	ANIMAL_TISSUE				
TAF12AQ01	12AQ	10/03/2002	ANIMAL_TISSUE				
TAF12AQ02	12AQ	10/03/2002	ANIMAL_TISSUE				
TAF12AQ03	12AQ	10/03/2002	ANIMAL_TISSUE				
TAF12AQ04	12AQ	10/09/2002	ANIMAL_TISSUE				
TAF12AQ05	12AQ	10/10/2002	ANIMAL_TISSUE				
TAG12BB01	12BB	10/03/2002	ANIMAL_TISSUE				
TAG12BB02	12BB	10/08/2002	ANIMAL_TISSUE				
TAG12BB03	12BB	10/08/2002	ANIMAL_TISSUE				
TAG12BB04	12BB	10/08/2002	ANIMAL_TISSUE				
TAG12BB05	12BB	10/08/2002	ANIMAL_TISSUE				
TAG12BB06	12BB	10/08/2002	ANIMAL_TISSUE				
TAG12BB07	12BB	10/08/2002	ANIMAL_TISSUE				
TAG12BB08	12BB	10/09/2002	ANIMAL_TISSUE				
TAG12BB09	12BB	10/09/2002	ANIMAL_TISSUE				
TAG12BB10	12BB	10/11/2002	ANIMAL_TISSUE				
TAH12AH01	12AH	10/07/2002	ANIMAL_TISSUE				
TAH12AH02	12AH	10/07/2002	ANIMAL_TISSUE				
TAH12AH03	12AH	10/09/2002	ANIMAL_TISSUE				
J2.A.T2C.021.1.0	J2.A.T2C.021	10/09/2002	CRATER GRAB				
J2.A.T2C.021.1.D	J2.A.T2C.021	10/09/2002	CRATER GRAB				
J2.A.T2C.021.2.0	J2.A.T2C.021	10/10/2002	CRATER GRAB				
SR.A.C6.005.1.0	SR.A.C6.005	10/09/2002	CRATER GRAB				
SR.A.C6.005.2.0	SR.A.C6.005	10/10/2002	CRATER GRAB				
SR.A.T11.001.1.0	SR.A.T11.001	10/22/2002	CRATER GRAB				
SR.A.T11.001.2.0	SR.A.T11.001	10/23/2002	CRATER GRAB				
SR.A.T13.001.1.0	SR.A.T13.001	10/22/2002	CRATER GRAB				
SR.A.T13.001.2.0	SR.A.T13.001	10/23/2002	CRATER GRAB				

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
10/1/2002 - 10/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
SR.A.T3.002.1.0	SR.A.T3.002	10/09/2002	CRATER GRAB				
SR.A.T3.002.2.0	SR.A.T3.002	10/10/2002	CRATER GRAB				
SR.A.T3.02A.1.0	SR.A.T3.02A	10/09/2002	CRATER GRAB				
SR.A.T3.02A.2.0	SR.A.T3.02A	10/10/2002	CRATER GRAB				
SR.F.15.XC1.1.0	SR.F.15.XC1	10/10/2002	CRATER GRAB				
SR.F.15.XCB.1.0	SR.F.15.XCB	10/10/2002	CRATER GRAB				
SR.F.15.XCM.1.0	SR.F.15.XCM	10/09/2002	CRATER GRAB				
UR.A.01A.2.0	UR.A.01A	10/01/2002	CRATER GRAB				
UR.A.01AB.2.0	UR.A.01AB	10/01/2002	CRATER GRAB				
UR.A.01B.2.0	UR.A.01B	10/01/2002	CRATER GRAB				
UR.A.01BC.2.0	UR.A.01BC	10/01/2002	CRATER GRAB				
UR.A.01C.2.0	UR.A.01C	10/01/2002	CRATER GRAB				
UR.A.01C.2.D	UR.A.01C	10/01/2002	CRATER GRAB				
UR.A.01CD.2.0	UR.A.01CD	10/01/2002	CRATER GRAB				
UR.A.01D.2.0	UR.A.01D	10/01/2002	CRATER GRAB				
UR.A.02A.2.0	UR.A.02A	10/01/2002	CRATER GRAB				
UR.A.02AB.2.0	UR.A.02AB	10/01/2002	CRATER GRAB				
UR.A.02B.2.0	UR.A.02B	10/01/2002	CRATER GRAB				
UR.A.02BC.2.0	UR.A.02BC	10/01/2002	CRATER GRAB				
UR.A.02C.2.0	UR.A.02C	10/01/2002	CRATER GRAB				
0.G.0.0UR01.D.E	FIELDQC	10/01/2002	FIELDQC	0.00	0.00		
0.G.0.0UR02.0.E	FIELDQC	10/09/2002	FIELDQC	0.00	0.00		
0.G.0.0UR03.0.E	FIELDQC	10/10/2002	FIELDQC	0.00	0.00		
0.G.0.0UR04.0.E	FIELDQC	10/22/2002	FIELDQC	0.00	0.00		
0.G.0.0UR05.0.E	FIELDQC	10/23/2002	FIELDQC	0.00	0.00		
0.G.0.0UR06.0.E	FIELDQC	10/30/2002	FIELDQC	0.00	0.00		
0.G.0.0UR07.0.E	FIELDQC	10/31/2002	FIELDQC	0.00	0.00		
90WT0013-E	FIELDQC	10/09/2002	FIELDQC	0.00	0.00		
G240DQE	FIELDQC	10/01/2002	FIELDQC	0.00	0.00		
G242DAT	FIELDQC	10/01/2002	FIELDQC	0.00	0.00		
G242DCE	FIELDQC	10/02/2002	FIELDQC	0.00	0.00		
G242DHE	FIELDQC	10/03/2002	FIELDQC	0.00	0.00		
G242DKE	FIELDQC	10/04/2002	FIELDQC	0.00	0.00		
G242DMT	FIELDQC	10/04/2002	FIELDQC	0.00	0.00		
G242DOE	FIELDQC	10/07/2002	FIELDQC	0.00	0.00		
G243DCE	FIELDQC	10/08/2002	FIELDQC	0.00	0.00		
G243DLE	FIELDQC	10/09/2002	FIELDQC	0.00	0.00		
G243DLT	FIELDQC	10/09/2002	FIELDQC	0.00	0.00		
G243DNE	FIELDQC	10/10/2002	FIELDQC	0.00	0.00		
G243DNT	FIELDQC	10/10/2002	FIELDQC	0.00	0.00		
G243DUE	FIELDQC	10/16/2002	FIELDQC	0.00	0.00		
G244DBE	FIELDQC	10/11/2002	FIELDQC	0.00	0.00		
G244DBT	FIELDQC	10/11/2002	FIELDQC	0.00	0.00		
G244DHE	FIELDQC	10/15/2002	FIELDQC	0.00	0.00		
G245DAE	FIELDQC	10/22/2002	FIELDQC	0.00	0.00		
G245DBE	FIELDQC	10/23/2002	FIELDQC	0.00	0.00		
G245DME	FIELDQC	10/24/2002	FIELDQC	0.00	0.00		
G245DPE	FIELDQC	10/25/2002	FIELDQC	0.00	0.00		
G245DRE	FIELDQC	10/28/2002	FIELDQC	0.00	0.00		
G246DAE	FIELDQC	10/30/2002	FIELDQC	0.00	0.00		

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10/1/2002 - 10/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G246DIE	FIELDQC	10/31/2002	FIELDQC	0.00	0.00		
G246DIT	FIELDQC	10/31/2002	FIELDQC	0.00	0.00		
HC12AW1AAE	FIELDQC	10/25/2002	FIELDQC	0.00	0.00		
HC12BA1AAE	FIELDQC	10/28/2002	FIELDQC	0.00	0.00		
HC12BE1AAE	FIELDQC	10/29/2002	FIELDQC	0.00	0.00		
HC12BQ1AAE	FIELDQC	10/30/2002	FIELDQC	0.00	0.00		
HC12BT1AAE	FIELDQC	10/31/2002	FIELDQC	0.00	0.00		
HD102N11BAF	FIELDQC	10/22/2002	FIELDQC	0.00	0.00		
HD102NB5BAE	FIELDQC	10/22/2002	FIELDQC	0.00	0.00		
HD138A3CAE	FIELDQC	10/23/2002	FIELDQC	0.00	0.00		
HDT2.OH.005.OSS	FIELDQC	10/04/2002	FIELDQC	0.00	0.00		
HDT2OH.005.OSS8	FIELDQC	10/04/2002	FIELDQC	0.00	0.00		
M-3D-E	FIELDQC	10/14/2002	FIELDQC	0.00	0.00		
M-4D-E	FIELDQC	10/24/2002	FIELDQC	0.00	0.00		
M-4D-T	FIELDQC	10/24/2002	FIELDQC	0.00	0.00		
M-5B-E	FIELDQC	10/21/2002	FIELDQC	0.00	0.00		
M-5B-T	FIELDQC	10/21/2002	FIELDQC	0.00	0.00		
M-6C-E	FIELDQC	10/16/2002	FIELDQC	0.00	0.00		
M-6C-T	FIELDQC	10/16/2002	FIELDQC	0.00	0.00		
M-7C-E	FIELDQC	10/17/2002	FIELDQC	0.00	0.00		
M-7C-T	FIELDQC	10/17/2002	FIELDQC	0.00	0.00		
M-7D-E	FIELDQC	10/14/2002	FIELDQC	0.00	0.00		
OW00-1D-E	FIELDQC	10/01/2002	FIELDQC	0.00	0.00		
OW00-1D-E	FIELDQC	10/29/2002	FIELDQC	0.00	0.00		
TW00-2D-E	FIELDQC	10/25/2002	FIELDQC	0.00	0.00		
TW00-4D-E	FIELDQC	10/31/2002	FIELDQC	0.00	0.00		
TW00-4DA-E	FIELDQC	10/31/2002	FIELDQC	0.00	0.00		
TW00-5-E	FIELDQC	10/23/2002	FIELDQC	0.00	0.00		
TW1-88AE	FIELDQC	10/01/2002	FIELDQC	0.00	0.00		
TW1-88AE	FIELDQC	10/08/2002	FIELDQC	0.00	0.00		
TW1-88AE	FIELDQC	10/15/2002	FIELDQC	0.00	0.00		
TW1-88AE	FIELDQC	10/22/2002	FIELDQC	0.00	0.00		
W02-12M1T	FIELDQC	10/08/2002	FIELDQC	0.00	0.00		
W02-12M1T	FIELDQC	10/22/2002	FIELDQC	0.00	0.00		
W166M2T	FIELDQC	10/14/2002	FIELDQC	0.00	0.00		
W193SSE	FIELDQC	10/23/2002	FIELDQC	0.00	0.00		
W193SST	FIELDQC	10/23/2002	FIELDQC	0.00	0.00		
W196M1E	FIELDQC	10/25/2002	FIELDQC	0.00	0.00		
W196SSE	FIELDQC	10/24/2002	FIELDQC	0.00	0.00		
W197M1E	FIELDQC	10/28/2002	FIELDQC	0.00	0.00		
W197M2E	FIELDQC	10/29/2002	FIELDQC	0.00	0.00		
W197M2T	FIELDQC	10/29/2002	FIELDQC	0.00	0.00		
W197M3E	FIELDQC	10/30/2002	FIELDQC	0.00	0.00		
W197M3T	FIELDQC	10/30/2002	FIELDQC	0.00	0.00		
W198M1E	FIELDQC	10/31/2002	FIELDQC	0.00	0.00		
W215M1T	FIELDQC	10/28/2002	FIELDQC	0.00	0.00		
W217M3T	FIELDQC	10/15/2002	FIELDQC	0.00	0.00		
W233M3T	FIELDQC	10/03/2002	FIELDQC	0.00	0.00		
W234M2T	FIELDQC	10/18/2002	FIELDQC	0.00	0.00		
W57M2T	FIELDQC	10/07/2002	FIELDQC	0.00	0.00		

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10/1/2002 - 10/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W80M1F	FIELDQC	10/10/2002	FIELDQC	0.00	0.00		
XXSDW261160E	FIELDQC	10/18/2002	FIELDQC	0.00	0.00		
4036000-01G	4036000-01G	10/01/2002	GROUNDWATER			6.00	12.00
4036000-01G	4036000-01G	10/08/2002	GROUNDWATER			6.00	12.00
4036000-01G	4036000-01G	10/15/2002	GROUNDWATER			6.00	12.00
4036000-01G	4036000-01G	10/22/2002	GROUNDWATER			6.00	12.00
4036000-01G	4036000-01G	10/29/2002	GROUNDWATER			6.00	12.00
4036000-01GD	4036000-01G	10/29/2002	GROUNDWATER			6.00	12.00
4036000-03G	4036000-03G	10/01/2002	GROUNDWATER	50.00	60.00	6.00	12.00
4036000-03G	4036000-03G	10/08/2002	GROUNDWATER	50.00	60.00	6.00	12.00
4036000-03G	4036000-03G	10/15/2002	GROUNDWATER	50.00	60.00	6.00	12.00
4036000-03G	4036000-03G	10/22/2002	GROUNDWATER	50.00	60.00	6.00	12.00
4036000-03G	4036000-03G	10/29/2002	GROUNDWATER	50.00	60.00	6.00	12.00
4036000-04G	4036000-04G	10/01/2002	GROUNDWATER			6.00	12.00
4036000-04G	4036000-04G	10/08/2002	GROUNDWATER			6.00	12.00
4036000-04G	4036000-04G	10/15/2002	GROUNDWATER			6.00	12.00
4036000-04G	4036000-04G	10/22/2002	GROUNDWATER			6.00	12.00
4036000-04G	4036000-04G	10/29/2002	GROUNDWATER			6.00	12.00
4036000-06G	4036000-06G	10/01/2002	GROUNDWATER			6.00	12.00
4036000-06G	4036000-06G	10/08/2002	GROUNDWATER			6.00	12.00
4036000-06G	4036000-06G	10/15/2002	GROUNDWATER			6.00	12.00
4036000-06G	4036000-06G	10/22/2002	GROUNDWATER			6.00	12.00
4036000-06G	4036000-06G	10/29/2002	GROUNDWATER			6.00	12.00
4036000-06GD	4036000-06G	10/15/2002	GROUNDWATER			6.00	12.00
4261000-03G	4261000-03G	10/30/2002	GROUNDWATER		60.00		
4261000-04G	4261000-04G	10/30/2002	GROUNDWATER				
4261000-06G	4261000-06G	10/30/2002	GROUNDWATER				
4261000-07G	4261000-07G	10/30/2002	GROUNDWATER				
4261000-08G	4261000-08G	10/30/2002	GROUNDWATER				
4261000-09G	4261000-09G	10/30/2002	GROUNDWATER				
4261000-10G	4261000-10G	10/30/2002	GROUNDWATER				
4261000-11G	4261000-11G	10/30/2002	GROUNDWATER				
4261000-11GD	4261000-11G	10/30/2002	GROUNDWATER				
4261020-01G	4261020-01G	10/30/2002	GROUNDWATER				
90WT0013-A	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00
90WT0013-D	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00
97-2B-A	97-2B	10/11/2002	GROUNDWATER		121.70	0.00	75.40
97-2C-A	97-2C	10/11/2002	GROUNDWATER		132.00	0.00	68.00
97-2D-A	97-2D	10/11/2002	GROUNDWATER		115.40	0.00	82.90
97-2E-A	97-2E	10/14/2002	GROUNDWATER		94.50	0.00	49.80
97-2F-A	97-2F	10/11/2002	GROUNDWATER		120.00	0.00	76.70
97-2G-A	97-2G	10/11/2002	GROUNDWATER		126.80	0.00	73.70
97-2G-D	97-2G	10/11/2002	GROUNDWATER		126.80	0.00	73.70
BHW222-A	BHW222	10/23/2002	GROUNDWATER				
BHW223-A	BHW223	10/24/2002	GROUNDWATER				
BHW223-D	BHW223	10/24/2002	GROUNDWATER				
BHW224-A	BHW224	10/24/2002	GROUNDWATER				
FH-1-A	FH-1	10/09/2002	GROUNDWATER				
FH-2-A	FH-2	10/09/2002	GROUNDWATER				
FH-3-A	FH-3	10/09/2002	GROUNDWATER				

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FH-4-A	FH-4	10/09/2002	GROUNDWATER				
FH-6-A	FH-6	10/09/2002	GROUNDWATER				
M-1B-A	M-1	10/21/2002	GROUNDWATER		45.00		3.54
M-1C-A	M-1	10/21/2002	GROUNDWATER		55.00		10.54
M-1D-A	M-1	10/21/2002	GROUNDWATER		65.00		20.43
M-2B-A	M-2	10/16/2002	GROUNDWATER		65.00	4.25	4.25
M-2C-A	M-2	10/16/2002	GROUNDWATER		75.00	14.25	14.25
M-2D-A	M-2	10/16/2002	GROUNDWATER		85.00	24.25	24.25
M-3B-A	M-3	10/14/2002	GROUNDWATER		65.00		5.43
M-3C-A	M-3	10/14/2002	GROUNDWATER		75.00		15.43
M-3D-A	M-3	10/14/2002	GROUNDWATER		85.00		25.43
M-4B-A	M-4	10/24/2002	GROUNDWATER		69.00	8.11	8.11
M-4C-A	M-4	10/24/2002	GROUNDWATER		79.00	18.11	18.11
M-4D-A	M-4	10/24/2002	GROUNDWATER		89.00	28.11	28.11
M-5B-A	M-5	10/21/2002	GROUNDWATER		65.00		7.00
M-5C-A	M-5	10/21/2002	GROUNDWATER		75.00		17.00
M-5D-A	M-5	10/21/2002	GROUNDWATER		85.00		27.00
M-6B-A	M-6	10/16/2002	GROUNDWATER		59.00		6.92
M-6C-A	M-6	10/16/2002	GROUNDWATER		69.00		20.54
M-6D-A	M-6	10/15/2002	GROUNDWATER		79.00		30.73
M-7B-A	M-7	10/17/2002	GROUNDWATER		55.00	2.16	2.16
M-7C-A	M-7	10/17/2002	GROUNDWATER		65.00	8.16	8.16
M-7D-A	M-7	10/14/2002	GROUNDWATER		75.00		18.16
MW00-4-A	00-4	10/22/2002	GROUNDWATER	64.00	70.00	38.00	44.00
OW00-1D-A	00-1D	10/29/2002	GROUNDWATER	91.00	97.00	48.30	54.30
SMR-4-A	SMR-4	10/09/2002	GROUNDWATER	102.00	112.00	9.00	19.00
SMR-4-D	SMR-4	10/09/2002	GROUNDWATER	102.00	112.00	9.00	19.00
SPRING1-A	SPRING1	10/11/2002	GROUNDWATER			0.00	0.00
TW00-1-A	00-1	10/24/2002	GROUNDWATER	64.00	70.00	64.00	70.00
TW00-2D-A	00-2	10/25/2002	GROUNDWATER	71.00	77.00	43.95	49.95
TW00-2S-A	00-2	10/25/2002	GROUNDWATER	29.00	35.00	1.17	7.17
TW00-4DA-A	00-4D	10/31/2002	GROUNDWATER		85.00		55.60
TW00-4DB-A	00-4D	10/31/2002	GROUNDWATER		75.00		45.60
TW00-5-A	00-5	10/23/2002	GROUNDWATER	50.00	56.00	15.50	21.50
TW00-6-A	00-6	10/23/2002	GROUNDWATER	36.00	42.00	9.60	15.60
TW00-7-A	00-7	10/23/2002	GROUNDWATER	57.00	63.00	25.50	31.50
TW01-1-A	01-1	10/23/2002	GROUNDWATER	62.00	67.00	55.21	60.21
TW01-2-A	01-2	10/22/2002	GROUNDWATER	50.00	56.00	24.50	30.50
TW1-88A-A	1-88	10/01/2002	GROUNDWATER		102.90	0.00	67.40
TW1-88A-D	1-88	10/01/2002	GROUNDWATER		102.90	0.00	67.40
TW1-88AA	1-88	10/08/2002	GROUNDWATER		102.90	0.00	67.40
TW1-88AA	1-88	10/15/2002	GROUNDWATER		102.90	0.00	67.40
TW1-88AA	1-88	10/22/2002	GROUNDWATER		102.90	0.00	67.40
TW1-88AA	1-88	10/29/2002	GROUNDWATER		102.90	0.00	67.40
TW1-88B-A	1-88	10/23/2002	GROUNDWATER		105.50	0.00	69.60
TW1-88B-D	1-88	10/23/2002	GROUNDWATER		105.50	0.00	69.60
USCGANTST-A	USCGANTST	10/31/2002	GROUNDWATER				
W02-01M1A	02-01	10/18/2002	GROUNDWATER	95.00	105.00	42.90	52.90
W02-01M2A	02-01	10/18/2002	GROUNDWATER	83.00	93.00	30.90	40.90
W02-02M1A	02-02	10/05/2002	GROUNDWATER	114.50	124.50	63.50	73.50

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W02-02M2A	02-02	10/05/2002	GROUNDWATER	94.50	104.50	42.65	55.65
W02-02M2D	02-02	10/05/2002	GROUNDWATER	94.50	104.50	42.65	55.65
W02-02SSA	02-02	10/05/2002	GROUNDWATER	49.50	59.50	0.00	10.00
W02-03M1A	02-03	10/18/2002	GROUNDWATER	130.00	140.00	86.10	96.10
W02-03M2A	02-03	10/18/2002	GROUNDWATER	92.00	102.00	48.15	58.15
W02-03M3A	02-03	10/18/2002	GROUNDWATER	75.00	85.00	31.05	41.05
W02-04M1A	02-04	10/24/2002	GROUNDWATER	123.00	133.00	73.97	83.97
W02-04M2A	02-04	10/25/2002	GROUNDWATER	98.00	108.00	48.93	58.93
W02-04M3A	02-04	10/25/2002	GROUNDWATER	83.00	93.00	34.01	44.01
W02-05M1A	02-05	10/18/2002	GROUNDWATER	110.00	120.00	81.44	91.44
W02-05M2A	02-05	10/21/2002	GROUNDWATER	92.00	102.00	63.41	73.41
W02-05M3A	02-05	10/21/2002	GROUNDWATER	70.00	80.00	41.37	51.37
W02-07M1A	02-07	10/30/2002	GROUNDWATER	135.00	145.00	101.14	111.14
W02-07M2A	02-07	10/30/2002	GROUNDWATER	107.00	117.00	72.86	82.86
W02-07M3A	02-07	10/30/2002	GROUNDWATER	47.00	57.00	13.00	23.00
W02-08M1A	02-08	10/30/2002	GROUNDWATER	108.00	113.00	86.56	91.56
W02-08M2A	02-08	10/31/2002	GROUNDWATER	82.00	87.00	60.65	65.65
W02-08M3A	02-08	10/31/2002	GROUNDWATER	62.00	67.00	40.58	45.58
W02-09SSA	02-09	10/28/2002	GROUNDWATER	7.00	17.00	0.00	10.00
W02-10M1A	02-10	10/25/2002	GROUNDWATER	135.00	145.00	94.00	104.00
W02-10M2A	02-10	10/25/2002	GROUNDWATER	110.00	120.00	68.61	78.61
W02-10M3A	02-10	10/28/2002	GROUNDWATER	85.00	95.00	43.65	53.65
W02-10M3D	02-10	10/28/2002	GROUNDWATER	85.00	95.00	43.65	53.65
W02-12M1A	02-12	10/01/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M1A	02-12	10/08/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M1A	02-12	10/15/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M1A	02-12	10/22/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M1A	02-12	10/29/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M1D	02-12	10/08/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M2A	02-12	10/01/2002	GROUNDWATER	94.00	104.00	43.21	53.21
W02-12M2A	02-12	10/08/2002	GROUNDWATER	94.00	104.00	43.21	53.21
W02-12M2A	02-12	10/15/2002	GROUNDWATER	94.00	104.00	43.21	53.21
W02-12M2A	02-12	10/22/2002	GROUNDWATER	94.00	104.00	43.21	53.21
W02-12M2A	02-12	10/29/2002	GROUNDWATER	94.00	104.00	43.21	53.21
W02-12M3A	02-12	10/01/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-12M3A	02-12	10/08/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-12M3A	02-12	10/15/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-12M3A	02-12	10/22/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-12M3A	02-12	10/29/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-13M1A	02-13	10/01/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M1A	02-13	10/08/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M1A	02-13	10/15/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M1A	02-13	10/22/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M1A	02-13	10/30/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M2A	02-13	10/01/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M2A	02-13	10/08/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M2A	02-13	10/15/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M2A	02-13	10/22/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M2A	02-13	10/30/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M2D	02-13	10/01/2002	GROUNDWATER	83.00	93.00	44.20	54.20

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
10/1/2002 - 10/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W02-13M3A	02-13	10/01/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-13M3A	02-13	10/08/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-13M3A	02-13	10/15/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-13M3A	02-13	10/22/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-13M3A	02-13	10/30/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-13M3D	02-13	10/08/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-15M1A	02-15	10/05/2002	GROUNDWATER	125.00	135.00	75.63	85.63
W02-15M2A	02-15	10/05/2002	GROUNDWATER	101.00	111.00	51.50	61.50
W02-15M3A	02-15	10/05/2002	GROUNDWATER	81.00	91.00	31.40	41.40
W115SSA	MW-115	10/08/2002	GROUNDWATER	116.00	126.00	0.00	10.00
W153M2A	MW-153	10/01/2002	GROUNDWATER	144.00	154.00	53.00	63.00
W153M2D	MW-153	10/01/2002	GROUNDWATER	144.00	154.00	53.00	63.00
W153M3A	MW-153	10/02/2002	GROUNDWATER	124.00	134.00	33.00	43.00
W166M2A	MW-166	10/11/2002	GROUNDWATER	150.00	160.00	44.00	54.00
W166M3A	MW-166	10/04/2002	GROUNDWATER	125.00	135.00	19.00	29.00
W166M3A	MW-166	10/04/2002	GROUNDWATER	125.00	135.00	19.00	29.00
W166M3D	MW-166	10/04/2002	GROUNDWATER	125.00	135.00	19.00	29.00
W166M3D	MW-166	10/04/2002	GROUNDWATER	125.00	135.00	19.00	29.00
W169M2A	MW-169	10/01/2002	GROUNDWATER	113.50	118.50	113.00	118.00
W170M3A	MW-170	10/02/2002	GROUNDWATER	123.00	133.00	20.00	30.00
W171M2A	MW-171	10/02/2002	GROUNDWATER	81.00	86.00	83.00	88.00
W171M3A	MW-171	10/02/2002	GROUNDWATER	29.00	34.00	31.00	36.00
W174SSA	MW-174	10/01/2002	GROUNDWATER	190.00	200.00	0.00	10.00
W180M1A	MW-180	10/10/2002	GROUNDWATER	300.00	310.00	139.20	149.20
W180M2A	MW-180	10/10/2002	GROUNDWATER	195.00	205.00	34.50	44.50
W180M3A	MW-180	10/09/2002	GROUNDWATER	171.00	181.00	10.30	20.30
W182M1A	MW-182	10/10/2002	GROUNDWATER	295.00	305.00	124.00	134.00
W183M1A	MW-183	10/10/2002	GROUNDWATER	286.00	296.00	103.90	113.90
W183M2A	MW-183	10/10/2002	GROUNDWATER	270.00	280.00	87.90	97.90
W183M2D	MW-183	10/10/2002	GROUNDWATER	270.00	280.00	87.90	97.90
W185M1A	MW-185	10/10/2002	GROUNDWATER	156.00	166.00	19.50	29.50
W185M2A	MW-185	10/09/2002	GROUNDWATER	247.00	257.00	110.90	120.90
W187DDA	MW-187	10/17/2002	GROUNDWATER	306.00	316.00	199.50	209.50
W187M1A	MW-187	10/16/2002	GROUNDWATER	160.00	170.00	51.30	61.30
W187SSA	MW-187	10/17/2002	GROUNDWATER	103.00	113.00	0.00	10.00
W189SSA	MW-189	10/17/2002	GROUNDWATER	94.00	104.00	0.00	7.00
W190M1A	MW-190	10/15/2002	GROUNDWATER	145.00	155.00	44.32	54.32
W190M2A	MW-190	10/16/2002	GROUNDWATER	110.00	120.00	9.30	19.30
W191M1A	MW-191	10/21/2002	GROUNDWATER	137.00	142.00	25.20	30.20
W191M2A	MW-191	10/21/2002	GROUNDWATER	120.00	130.00	8.40	18.40
W191SSA	MW-191	10/21/2002	GROUNDWATER	106.00	116.00	0.00	10.00
W192M1A	MW-192	10/22/2002	GROUNDWATER	195.00	205.00	94.19	104.19
W192M2A	MW-192	10/22/2002	GROUNDWATER	135.00	145.00	34.19	44.19
W192M3A	MW-192	10/22/2002	GROUNDWATER	115.00	125.00	14.19	24.19
W193M1A	MW-193	10/23/2002	GROUNDWATER	57.00	62.00	23.80	28.80
W193SSA	MW-193	10/23/2002	GROUNDWATER	31.00	36.00	0.00	5.00
W196M1A	MW-196	10/25/2002	GROUNDWATER	45.00	50.00	12.00	17.00
W196SSA	MW-196	10/24/2002	GROUNDWATER	32.00	37.00	0.00	5.00
W197M1A	MW-197	10/28/2002	GROUNDWATER	120.00	125.00	99.60	104.60
W197M2A	MW-197	10/29/2002	GROUNDWATER	80.00	85.00	59.30	64.30

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TABLE 2
SAMPLING PROGRESS
10/1/2002 - 10/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W197M3A	MW-197	10/30/2002	GROUNDWATER	60.00	65.00	39.40	44.40
W198M1A	MW-198	10/31/2002	GROUNDWATER	150.00	155.00	127.80	132.80
W202M1A	MW-202	10/17/2002	GROUNDWATER	264.00	274.00	117.70	127.70
W202M2A	MW-202	10/17/2002	GROUNDWATER	215.00	225.00	68.00	78.00
W203M1A	MW-203	10/17/2002	GROUNDWATER	166.00	176.00	17.50	27.50
W203M1D	MW-203	10/17/2002	GROUNDWATER	166.00	176.00	17.50	27.50
W204M1A	MW-204	10/31/2002	GROUNDWATER	141.00	151.00	81.00	91.00
W204M2A	MW-204	10/31/2002	GROUNDWATER	76.00	86.00	17.20	27.20
W205DDA	MW-205	10/31/2002	GROUNDWATER	266.00	276.00	167.60	177.60
W205DDD	MW-205	10/31/2002	GROUNDWATER	266.00	276.00	167.60	177.60
W205M1A	MW-205	10/30/2002	GROUNDWATER	167.00	177.00	67.60	77.60
W206M1A	MW-206	10/15/2002	GROUNDWATER	178.50	188.50	19.57	29.57
W207M1A	MW-207	10/18/2002	GROUNDWATER	254.00	264.00	100.52	110.52
W207M2A	MW-207	10/18/2002	GROUNDWATER	224.00	234.00	79.33	89.33
W208M1A	MW-208	10/18/2002	GROUNDWATER	195.00	205.00	56.18	66.18
W208M2A	MW-208	10/18/2002	GROUNDWATER	158.00	168.00	18.41	28.41
W208M2D	MW-208	10/18/2002	GROUNDWATER	158.00	168.00	18.41	28.41
W209M1A	MW-209	10/17/2002	GROUNDWATER	240.00	250.00	121.00	131.00
W209M2A	MW-209	10/17/2002	GROUNDWATER	220.00	230.00	110.00	120.00
W210M1A	MW-210	10/28/2002	GROUNDWATER	201.00	211.00	99.69	109.69
W210M2A	MW-210	10/28/2002	GROUNDWATER	156.00	166.00	54.69	64.69
W210M3A	MW-210	10/25/2002	GROUNDWATER	121.00	131.00	19.68	29.68
W211M1A	MW-211	10/28/2002	GROUNDWATER	200.00	210.00	55.00	65.00
W211M1D	MW-211	10/28/2002	GROUNDWATER	200.00	210.00	55.00	65.00
W211M2A	MW-211	10/29/2002	GROUNDWATER	175.00	185.00	29.70	39.70
W211M3A	MW-211	10/28/2002	GROUNDWATER	150.00	160.00	5.01	15.01
W213M1A	MW-213	10/10/2002	GROUNDWATER	133.00	143.00	85.01	95.01
W213M2A	MW-213	10/10/2002	GROUNDWATER	89.00	99.00	41.15	51.15
W213M3A	MW-213	10/16/2002	GROUNDWATER	77.00	82.00	29.38	34.38
W215M1A	MW-215	10/28/2002	GROUNDWATER	240.00	250.00	133.85	143.85
W215M2A	MW-215	10/28/2002	GROUNDWATER	205.00	215.00	98.90	108.90
W215SSA	MW-215	10/28/2002	GROUNDWATER	104.00	114.00	0.00	7.80
W216M1A	MW-216	10/17/2002	GROUNDWATER	253.00	263.00	51.19	61.19
W216M2A	MW-216	10/17/2002	GROUNDWATER	236.00	246.00	34.17	44.17
W216SSA	MW-216	10/18/2002	GROUNDWATER	199.00	209.00	0.00	7.13
W217M1A	MW-217	10/17/2002	GROUNDWATER	148.00	153.00	143.00	148.00
W217M2A	MW-217	10/14/2002	GROUNDWATER	138.00	143.00	133.00	138.00
W217M3A	MW-217	10/15/2002	GROUNDWATER	101.00	106.00	96.00	101.00
W217M4A	MW-217	10/14/2002	GROUNDWATER	68.00	73.00	63.00	68.00
W218M1A	MW-218	10/15/2002	GROUNDWATER	128.00	133.00	123.00	128.00
W218M2A	MW-218	10/15/2002	GROUNDWATER	98.00	103.00	93.00	98.00
W218M3A	MW-218	10/15/2002	GROUNDWATER	78.00	83.00	73.00	78.00
W219M1A	MW-219	10/21/2002	GROUNDWATER	357.00	367.00	178.00	188.00
W219M2A	MW-219	10/21/2002	GROUNDWATER	332.00	342.00	153.05	163.05
W219M3A	MW-219	10/21/2002	GROUNDWATER	315.00	325.00	135.80	145.80
W219M3D	MW-219	10/21/2002	GROUNDWATER	315.00	325.00	135.80	145.80
W219M4A	MW-219	10/21/2002	GROUNDWATER	225.00	235.00	45.70	55.70
W226M1A	MW-226	10/11/2002	GROUNDWATER	285.00	295.00	172.00	182.00
W226M2A	MW-226	10/11/2002	GROUNDWATER	175.00	185.00	61.70	71.70
W226M3A	MW-226	10/10/2002	GROUNDWATER	135.00	145.00	21.53	31.53

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SAMPLING PROGRESS
10/1/2002 - 10/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W233M1A	MW-233	10/03/2002	GROUNDWATER	356.00	366.00	157.80	167.80
W233M2A	MW-233	10/03/2002	GROUNDWATER	331.00	341.00	132.80	142.80
W233M3A	MW-233	10/03/2002	GROUNDWATER	231.00	241.00	32.80	42.80
W234M1A	MW-234	10/16/2002	GROUNDWATER	130.00	140.00	25.30	35.30
W234M2A	MW-234	10/17/2002	GROUNDWATER				
W234M2A	MW-234	10/17/2002	GROUNDWATER	110.00	120.00	1.60	11.60
W235DDA	MW-235	10/07/2002	GROUNDWATER	320.00	330.00	191.60	201.60
W235M1A	MW-235	10/07/2002	GROUNDWATER	154.00	164.00	25.30	35.30
W235M1D	MW-235	10/07/2002	GROUNDWATER	154.00	164.00	25.30	35.30
W235SSA	MW-235	10/07/2002	GROUNDWATER	127.00	137.00	0.00	10.00
W236SSA	MW-236	10/16/2002	GROUNDWATER	96.00	106.00	0.00	10.00
W237M1A	MW-237	10/16/2002	GROUNDWATER	80.00	90.00	29.12	39.12
W237SSA	MW-237	10/16/2002	GROUNDWATER	49.00	59.00	0.00	10.00
W238M1A	MW-238	10/16/2002	GROUNDWATER	183.00	193.00	85.46	95.46
W238M2A	MW-238	10/16/2002	GROUNDWATER	125.00	135.00	27.55	37.55
W42M1A	MW-42	10/01/2002	GROUNDWATER	205.00	215.00	137.00	147.00
W42M2A	MW-42	10/01/2002	GROUNDWATER	185.80	195.80	118.00	128.00
W42M3A	MW-42	10/01/2002	GROUNDWATER	165.80	175.80	98.00	108.00
W45M2A	MW-45	10/01/2002	GROUNDWATER	110.00	120.00	18.00	28.00
W46DDA	MW-46	10/02/2002	GROUNDWATER	295.00	305.00	136.00	146.00
W46M1A	MW-46	10/02/2002	GROUNDWATER	262.00	272.00	103.00	113.00
W46M2A	MW-46	10/03/2002	GROUNDWATER	215.00	225.00	56.00	66.00
W46M3A	MW-46	10/03/2002	GROUNDWATER	182.00	192.00	23.00	33.00
W47DDA	MW-47	10/02/2002	GROUNDWATER	194.00	204.00	100.00	110.00
W47M1A	MW-47	10/02/2002	GROUNDWATER	169.00	179.00	75.00	85.00
W47M2A	MW-47	10/02/2002	GROUNDWATER	131.50	141.50	38.00	48.00
W47M2D	MW-47	10/02/2002	GROUNDWATER	131.50	141.50	38.00	48.00
W52M1A	MW-52	10/09/2002	GROUNDWATER	290.00	300.00	139.00	149.00
W52M1D	MW-52	10/09/2002	GROUNDWATER	290.00	300.00	139.00	149.00
W53M3A	MW-53	10/07/2002	GROUNDWATER	164.00	174.00	39.00	49.00
W55DDA	MW-55	10/08/2002	GROUNDWATER	255.00	265.00	119.00	129.00
W55M1A	MW-55	10/08/2002	GROUNDWATER	225.00	235.00	89.00	99.00
W56DDA	MW-56	10/02/2002	GROUNDWATER	176.00	186.00	101.00	111.00
W56M1A	MW-56	10/02/2002	GROUNDWATER	156.00	166.00	81.00	91.00
W56M2A	MW-56	10/02/2002	GROUNDWATER	131.00	141.00	56.00	66.00
W56M3A	MW-56	10/02/2002	GROUNDWATER	106.00	116.00	31.00	41.00
W56SSA	MW-56	10/02/2002	GROUNDWATER	76.00	86.00	1.00	11.00
W57DDA	MW-57	10/03/2002	GROUNDWATER	213.00	223.00	127.00	137.00
W57M1A	MW-57	10/03/2002	GROUNDWATER	188.00	198.00	102.00	112.00
W57M2A	MW-57	10/04/2002	GROUNDWATER	148.00	158.00	62.00	72.00
W57M3A	MW-57	10/07/2002	GROUNDWATER	117.00	127.00	31.00	41.00
W63DDA	MW-63	10/07/2002	GROUNDWATER	375.00	380.00	221.00	226.00
W63M1A	MW-63	10/07/2002	GROUNDWATER	244.00	254.00	90.00	100.00
W63M2A	MW-63	10/09/2002	GROUNDWATER	214.00	224.00	60.00	70.00
W63M3A	MW-63	10/03/2002	GROUNDWATER	182.00	192.00	28.00	38.00
W64M1A	MW-64	10/03/2002	GROUNDWATER	129.00	139.00	38.00	48.00
W67M1A	MW-67	10/02/2002	GROUNDWATER	243.00	253.00	83.00	93.00
W67SSA	MW-67	10/15/2002	GROUNDWATER	161.00	171.00	1.00	11.00
W70SSA	MW-70	10/07/2002	GROUNDWATER	132.00	142.00	4.00	14.00
W71M1A	MW-71	10/07/2002	GROUNDWATER	180.00	190.00	22.00	32.00

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TABLE 2
SAMPLING PROGRESS
10/1/2002 - 10/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W80DDA	MW-80	10/10/2002	GROUNDWATER	158.00	168.00	114.00	124.00
W80M1A	MW-80	10/10/2002	GROUNDWATER	130.00	140.00	86.00	96.00
W80M2A	MW-80	10/10/2002	GROUNDWATER	100.00	110.00	56.00	66.00
W80M3A	MW-80	10/10/2002	GROUNDWATER	70.00	80.00	26.00	36.00
W80SSA	MW-80	10/10/2002	GROUNDWATER	43.00	53.00	0.00	10.00
W81DDA	MW-81	10/10/2002	GROUNDWATER	184.00	194.00	156.00	166.00
W81M1A	MW-81	10/10/2002	GROUNDWATER	128.00	138.00	100.00	110.00
W81M2A	MW-81	10/10/2002	GROUNDWATER	83.00	93.00	55.00	65.00
W81M3A	MW-81	10/10/2002	GROUNDWATER	53.00	58.00	25.00	30.00
W81SSA	MW-81	10/10/2002	GROUNDWATER	25.00	35.00	0.00	10.00
W82DDA	MW-82	10/10/2002	GROUNDWATER	125.00	135.00	97.00	107.00
W82M1A	MW-82	10/10/2002	GROUNDWATER	104.00	114.00	76.00	86.00
W82M2A	MW-82	10/10/2002	GROUNDWATER	78.00	88.00	50.00	60.00
W82M2D	MW-82	10/10/2002	GROUNDWATER	78.00	88.00	50.00	60.00
W82M3A	MW-82	10/10/2002	GROUNDWATER	54.00	64.00	26.00	36.00
W82SSA	MW-82	10/11/2002	GROUNDWATER	25.00	35.00	0.00	10.00
W87M1A	MW-87	10/04/2002	GROUNDWATER	194.00	204.00	62.00	72.00
W87M2A	MW-87	10/04/2002	GROUNDWATER	169.00	179.00	37.00	47.00
W87M3A	MW-87	10/04/2002	GROUNDWATER	140.00	150.00	8.00	18.00
W88M1A	MW-88	10/04/2002	GROUNDWATER	233.00	243.00	92.00	102.00
W88M2A	MW-88	10/04/2002	GROUNDWATER	213.00	223.00	72.00	82.00
W88M3A	MW-88	10/04/2002	GROUNDWATER	173.00	183.00	32.00	42.00
W89M1A	MW-89	10/04/2002	GROUNDWATER	234.00	244.00	92.00	102.00
W89M1D	MW-89	10/04/2002	GROUNDWATER	234.00	244.00	92.00	102.00
W89M2A	MW-89	10/04/2002	GROUNDWATER	214.00	224.00	72.00	82.00
W89M3A	MW-89	10/04/2002	GROUNDWATER	174.00	184.00	32.00	42.00
WS-4AD-A	WS-4A	10/24/2002	GROUNDWATER	218.00	228.00	148.50	158.50
WS-4AD-A	WS-4A	10/24/2002	GROUNDWATER	218.00	228.00	148.50	158.50
WS-4AS-A	WS-4A	10/24/2002	GROUNDWATER	155.00	165.00	85.50	95.50
WS-4AS-A	WS-4A	10/24/2002	GROUNDWATER	155.00	165.00	85.50	95.50
XXM971-A	97-1	10/09/2002	GROUNDWATER	83.00	93.00	62.00	72.00
XXM972-A	97-2	10/09/2002	GROUNDWATER	75.00	85.00	53.00	63.00
XXM973-A	97-3	10/09/2002	GROUNDWATER	75.00	85.00	36.00	46.00
XXM975-A	97-5	10/08/2002	GROUNDWATER	84.00	94.00	76.00	86.00
XXSDW261160	SDW261160	10/18/2002	GROUNDWATER	150.00	160.00	10.00	20.00
XXSDW261160D	SDW261160	10/18/2002	GROUNDWATER	150.00	160.00	10.00	20.00
DW100102-NV	GAC WATER	10/01/2002	IDW				
DW100702-NV	GAC WATER	10/07/2002	IDW				
DW100802-NV	GAC WATER	10/08/2002	IDW				
DW100902-NV	GAC WATER	10/09/2002	IDW				
DW101602-NV	GAC WATER	10/16/2002	IDW				
DW101802-NV	GAC WATER	10/18/2002	IDW				
DW102202-NV	GAC WATER	10/22/2002	IDW				
DW102502-NV	GAC WATER	10/25/2002	IDW				
DW103102-NV	GAC WATER	10/31/2002	IDW				
SC23301	SOIL CUTTINGS	10/02/2002	IDW				
SC23401	SOIL CUTTINGS	10/02/2002	IDW				
SC23501	SOIL CUTTINGS	10/02/2002	IDW				
SC23601	SOIL CUTTINGS	10/02/2002	IDW				
SC23701	SOIL CUTTINGS	10/02/2002	IDW				

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
10/1/2002 - 10/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
SC23801	SOIL CUTTINGS	10/02/2002	IDW				
SC23901	SOIL CUTTINGS	10/02/2002	IDW				
SC24001	SOIL CUTTINGS	10/02/2002	IDW				
SC24101	SOIL CUTTINGS	10/02/2002	IDW				
TPA12AR01	12AR	10/11/2002	PLANT_TISSUE				
TPB12AB01	12AB	10/11/2002	PLANT_TISSUE				
TPC12AY01	12AY	10/11/2002	PLANT_TISSUE				
TPD12AU01	12AU	10/11/2002	PLANT_TISSUE				
TPE12AM01	12AM	10/11/2002	PLANT_TISSUE				
TPF12AQ01	12AQ	10/11/2002	PLANT_TISSUE				
TPG12BB01	12BB	10/11/2002	PLANT_TISSUE				
TPH12AH01	12AH	10/11/2002	PLANT_TISSUE				
G240DOA	MW-240	10/01/2002	PROFILE	240.00	240.00	141.70	141.70
G240DPA	MW-240	10/01/2002	PROFILE	250.00	250.00	151.70	151.70
G240DQA	MW-240	10/01/2002	PROFILE	260.00	260.00	161.70	161.70
G240DRA	MW-240	10/01/2002	PROFILE	270.00	270.00	171.70	171.70
G240DSA	MW-240	10/01/2002	PROFILE	280.00	280.00	181.70	181.70
G240DTA	MW-240	10/02/2002	PROFILE	287.00	287.00	188.70	188.70
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00
G242DCA	MW-242	10/02/2002	PROFILE	120.00	120.00	27.00	27.00
G242DDA	MW-242	10/02/2002	PROFILE	130.00	130.00	37.00	37.00
G242DEA	MW-242	10/02/2002	PROFILE	140.00	140.00	47.00	47.00
G242DFA	MW-242	10/02/2002	PROFILE	150.00	150.00	57.00	57.00
G242DGA	MW-242	10/03/2002	PROFILE	160.00	160.00	67.00	67.00
G242DHA	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00
G242DHD	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00
G242DIA	MW-242	10/03/2002	PROFILE	180.00	180.00	87.00	87.00
G242DJA	MW-242	10/04/2002	PROFILE	190.00	190.00	97.00	97.00
G242DKA	MW-242	10/04/2002	PROFILE	200.00	200.00	107.00	107.00
G242DLA	MW-242	10/04/2002	PROFILE	210.00	210.00	117.00	117.00
G242DMA	MW-242	10/04/2002	PROFILE	220.00	220.00	127.00	127.00
G242DNA	MW-242	10/04/2002	PROFILE	230.00	230.00	137.00	137.00
G242DOA	MW-242	10/07/2002	PROFILE	240.00	240.00	147.00	147.00
G242DPA	MW-242	10/07/2002	PROFILE	250.00	250.00	157.00	157.00
G243DAA	MW-243	10/07/2002	PROFILE	70.00	70.00	1.50	1.50
G243DBA	MW-243	10/07/2002	PROFILE	80.00	80.00	11.50	11.50
G243DCA	MW-243	10/08/2002	PROFILE	90.00	90.00	21.50	21.50
G243DDA	MW-243	10/08/2002	PROFILE	100.00	100.00	31.50	31.50
G243DEA	MW-243	10/08/2002	PROFILE	110.00	110.00	41.50	41.50
G243DFA	MW-243	10/08/2002	PROFILE	120.00	120.00	51.50	51.50
G243DFD	MW-243	10/08/2002	PROFILE	120.00	120.00	51.50	51.50
G243DGA	MW-243	10/08/2002	PROFILE	130.00	130.00	61.50	61.50
G243DHA	MW-243	10/08/2002	PROFILE	140.00	140.00	71.50	71.50
G243DIA	MW-243	10/08/2002	PROFILE	150.00	150.00	81.50	81.50
G243DJA	MW-243	10/08/2002	PROFILE	160.00	160.00	91.50	91.50
G243DKA	MW-243	10/08/2002	PROFILE	170.00	170.00	101.50	101.50
G243DLA	MW-243	10/09/2002	PROFILE	180.00	180.00	111.50	111.50
G243DMA	MW-243	10/09/2002	PROFILE	190.00	190.00	121.50	121.50
G243DOA	MW-243	10/10/2002	PROFILE	210.00	210.00	141.50	141.50

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TABLE 2
SAMPLING PROGRESS
10/1/2002 - 10/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G243DPA	MW-243	10/10/2002	PROFILE	220.00	220.00	151.50	151.50
G243DQA	MW-243	10/15/2002	PROFILE	230.00	230.00	161.50	161.50
G243DRA	MW-243	10/15/2002	PROFILE	240.00	240.00	171.50	171.50
G243DSA	MW-243	10/15/2002	PROFILE	250.00	250.00	181.50	181.50
G243DTA	MW-243	10/15/2002	PROFILE	260.00	260.00	191.50	191.50
G243DUA	MW-243	10/16/2002	PROFILE	270.00	270.00	201.50	201.50
G244DAA	MW-244	10/11/2002	PROFILE	125.00	125.00	5.10	5.10
G244DBA	MW-244	10/11/2002	PROFILE	130.00	130.00	10.10	10.10
G244DCA	MW-244	10/11/2002	PROFILE	140.00	140.00	20.10	20.10
G244DDA	MW-244	10/15/2002	PROFILE	150.00	150.00	30.10	30.10
G244DEA	MW-244	10/15/2002	PROFILE	160.00	160.00	40.10	40.10
G244DFA	MW-244	10/15/2002	PROFILE	170.00	170.00	50.10	50.10
G244DGA	MW-244	10/15/2002	PROFILE	180.00	180.00	60.10	60.10
G244DHA	MW-244	10/15/2002	PROFILE	190.00	190.00	70.10	70.10
G244DHD	MW-244	10/15/2002	PROFILE	190.00	190.00	70.10	70.10
G244DIA	MW-244	10/15/2002	PROFILE	200.00	200.00	80.10	80.10
G244DJA	MW-244	10/15/2002	PROFILE	210.00	210.00	90.10	90.10
G244DKA	MW-244	10/15/2002	PROFILE	220.00	220.00	100.10	100.10
G244DLA	MW-244	10/16/2002	PROFILE	230.00	230.00	110.10	110.10
G244DMA	MW-244	10/16/2002	PROFILE	240.00	240.00	120.10	120.10
G244DNA	MW-244	10/17/2002	PROFILE	250.00	250.00	130.10	130.10
G244DOA	MW-244	10/17/2002	PROFILE	260.00	260.00	140.10	140.10
G244DPA	MW-244	10/17/2002	PROFILE	270.00	270.00	150.10	150.10
G244DQA	MW-244	10/17/2002	PROFILE	280.00	280.00	160.10	160.10
G244DRA	MW-244	10/17/2002	PROFILE	290.00	290.00	170.10	170.10
G244DSA	MW-244	10/17/2002	PROFILE	300.00	300.00	180.10	180.10
G245DAA	MW-245	10/22/2002	PROFILE	130.00	130.00	6.10	6.10
G245DBA	MW-245	10/23/2002	PROFILE	140.00	140.00	16.10	16.10
G245DCA	MW-245	10/23/2002	PROFILE	150.00	150.00	26.10	26.10
G245DDA	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10
G245DDD	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10
G245DEA	MW-245	10/23/2002	PROFILE	170.00	170.00	46.10	46.10
G245DFA	MW-245	10/23/2002	PROFILE	180.00	180.00	56.10	56.10
G245DGA	MW-245	10/23/2002	PROFILE	190.00	190.00	66.10	66.10
G245DHA	MW-245	10/23/2002	PROFILE	200.00	200.00	76.10	76.10
G245DIA	MW-245	10/23/2002	PROFILE	210.00	210.00	86.10	86.10
G245DJA	MW-245	10/23/2002	PROFILE	220.00	220.00	96.10	96.10
G245DKA	MW-245	10/23/2002	PROFILE	230.00	230.00	106.10	106.10
G245DLA	MW-245	10/23/2002	PROFILE	240.00	240.00	116.10	116.10
G245DMA	MW-245	10/24/2002	PROFILE	250.00	250.00	126.10	126.10
G245DNA	MW-245	10/24/2002	PROFILE	260.00	260.00	136.10	136.10
G245DOA	MW-245	10/24/2002	PROFILE	270.00	270.00	146.10	146.10
G245DPA	MW-245	10/25/2002	PROFILE	280.00	280.00	156.10	156.10
G245DQA	MW-245	10/25/2002	PROFILE	290.00	290.00	166.10	166.10
G245DRA	MW-245	10/28/2002	PROFILE	300.00	280.00	176.10	176.10
G245DSA	MW-245	10/28/2002	PROFILE	310.00	290.00	186.10	186.10
G245DTA	MW-245	10/28/2002	PROFILE	319.00	319.00	196.10	196.10
G246DAA	MW-246	10/30/2002	PROFILE	65.00	65.00	2.30	2.30
G246DBA	MW-246	10/30/2002	PROFILE	70.00	70.00	7.30	7.30
G246DCA	MW-246	10/30/2002	PROFILE	80.00	80.00	17.30	17.30

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TABLE 2
SAMPLING PROGRESS
10/1/2002 - 10/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G246DDA	MW-246	10/30/2002	PROFILE	90.00	90.00	27.30	27.30
G246DEA	MW-246	10/30/2002	PROFILE	100.00	100.00	37.30	37.30
G246DFA	MW-246	10/30/2002	PROFILE	110.00	110.00	47.30	47.30
G246DFD	MW-246	10/30/2002	PROFILE	110.00	110.00	47.30	47.30
G246DGA	MW-246	10/30/2002	PROFILE	120.00	120.00	57.30	57.30
G246DHA	MW-246	10/30/2002	PROFILE	130.00	130.00	67.30	67.30
G246DIA	MW-246	10/31/2002	PROFILE	140.00	140.00	77.30	77.30
G246DJA	MW-246	10/31/2002	PROFILE	150.00	150.00	87.30	87.30
G246DKA	MW-246	10/31/2002	PROFILE	160.00	160.00	97.30	97.30
G246DLA	MW-246	10/31/2002	PROFILE	170.00	170.00	107.30	107.30
G246DMA	MW-246	10/31/2002	PROFILE	180.00	180.00	117.30	117.30
G246DNA	MW-246	10/31/2002	PROFILE	190.00	190.00	127.30	127.30
G246DOA	MW-246	10/31/2002	PROFILE	200.00	200.00	137.30	137.30
G246DPA	MW-246	10/31/2002	PROFILE	210.00	210.00	147.30	147.30
G246DQA	MW-246	10/31/2002	PROFILE	220.00	220.00	157.30	157.30
G246DRA	MW-246	10/31/2002	PROFILE	230.00	230.00	167.30	167.30
G247DAA	MW-247	10/31/2002	PROFILE	30.00	30.00	6.39	6.39
G247DBA	MW-247	10/31/2002	PROFILE	40.00	40.00	16.39	16.39
G247DCA	MW-247	10/31/2002	PROFILE	50.00	50.00	26.39	26.39
G247DDA	MW-247	10/31/2002	PROFILE	60.00	60.00	36.39	36.39
G247DEA	MW-247	10/31/2002	PROFILE	70.00	70.00	46.39	46.39
G247DFA	MW-247	10/31/2002	PROFILE	80.00	80.00	56.39	56.39
G247DGA	MW-247	10/31/2002	PROFILE	90.00	90.00	66.39	66.39
G247DGD	MW-247	10/31/2002	PROFILE	90.00	90.00	66.39	66.39
G247DHA	MW-247	10/31/2002	PROFILE	100.00	100.00	76.39	76.39
G247DIA	MW-247	10/31/2002	PROFILE	110.00	110.00	86.39	86.39
J2.A.T2C.021.3.0	J2.T2C.021.R	10/10/2002	SOIL GRID	0.00	0.17		
J2.A.T2J.007.3.0	J2.T2J.007.R	10/31/2002	SOIL GRID	0.00	0.17		
J2.F.T2C.XC1.1.0	J2 Target 2C Excava	10/03/2002	SOIL GRID	0.00	5.17		
J2.F.T2C.XC1.2.0	J2 Target 2C Excava	10/03/2002	SOIL GRID	5.00	5.17		
J2.F.T2C.XC1.3.0	J2 Target 2C Excava	10/03/2002	SOIL GRID	1.00	2.00		
J2.F.T2G.XC1.1.0	J2 Target 2G Excava	10/10/2002	SOIL GRID	0.00	5.00		
J2.F.T2G.XC1.2.0	J2 Target 2G Excava	10/10/2002	SOIL GRID	5.00	5.17		
J2.F.T2G.XC1.3.0	J2 Target 2G Excava	10/10/2002	SOIL GRID	0.50	2.00		
J2.F.T2H.XC1.1.0	J2 Target 2H Excava	10/17/2002	SOIL GRID	0.00	3.50		
J2.F.T2H.XC1.2.0	J2 Target 2H Excava	10/17/2002	SOIL GRID	3.33	3.50		
J2.F.T2H.XC1.3.0	J2 Target 2H Excava	10/17/2002	SOIL GRID	0.50	2.00		
J2.F.T2J.XC1.1.0	J2 Target 2J Excavat	10/23/2002	SOIL GRID	0.00	7.00		
J2.F.T2J.XC1.2.0	J2 Target 2J Excavat	10/23/2002	SOIL GRID	7.00	7.25		
J2.F.T2J.XC1.3.0	J2 Target 2J Excavat	10/23/2002	SOIL GRID	1.00	1.50		
J2.F.T2K.XC1.1.0	J2 Target 2K Excava	10/30/2002	SOIL GRID	0.00	3.00		
J2.F.T2K.XC1.2.0	J2 Target 2K Excava	10/30/2002	SOIL GRID	3.00	3.17		
J2.F.T2K.XC1.3.0	J2 Target 2K Excava	10/30/2002	SOIL GRID	0.50	0.67		
J2.F.T2V.XC1.1.0	J2 Target 2V Excava	10/01/2002	SOIL GRID	0.00	4.17		
J2.F.T2V.XC1.2.0	J2 Target 2V Excava	10/01/2002	SOIL GRID	4.00	4.17		
J2.F.T2V.XC1.2.D	J2 Target 2V Excava	10/01/2002	SOIL GRID	4.00	4.17		
J2.F.T2V.XC1.3.0	J2 Target 2V Excava	10/01/2002	SOIL GRID	1.50	1.75		
SR.A.C6.005.3.0	SR.C6.005.R	10/10/2002	SOIL GRID	0.00	0.17		
SR.A.T11.001.1.0	SR.T11.001.R	10/22/2002	SOIL GRID	0.00	0.17		
SR.A.T11.001.2.0	SR.T11.001.R	10/23/2002	SOIL GRID	0.00	0.17		

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SAMPLING PROGRESS
10/1/2002 - 10/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
SR.A.T11.001.3.0	SR.T11.001.R	10/23/2002	SOIL GRID	0.00	0.17		
SR.A.T13.001.1.0	SR.T13.001.R	10/22/2002	SOIL GRID	0.00	0.17		
SR.A.T13.001.2.0	SR.T13.001.R	10/23/2002	SOIL GRID	0.00	0.17		
SR.A.T13.001.3.0	SR.T13.001.R	10/23/2002	SOIL GRID	0.00	0.17		
SR.A.T3.002.3.0	SR.T3.002.R	10/10/2002	SOIL GRID	0.00	0.17		
SR.A.T3.02A.3.0	SR.T3.002.Ra	10/10/2002	SOIL GRID	0.00	0.17		
SR.F.T1.XC1.1.0	Scar Site Target 1 E›	10/07/2002	SOIL GRID	0.00	0.50		
SR.F.T1.XC1.2.0	Scar Site Target 1 E›	10/07/2002	SOIL GRID	1.00	2.00		
SR.F.T3.XC1.1.0	Scar Site Target 3 E›	10/07/2002	SOIL GRID	0.00	0.50		
SR.F.T3.XC1.2.0	Scar Site Target 3 E›	10/07/2002	SOIL GRID	1.00	1.25		
UR.A.01A.1.0	UR.I6.037.R	09/30/2002	SOIL GRID	0.00	0.17		
UR.A.01A.1.D	UR.I6.037.R	09/30/2002	SOIL GRID	0.00	0.17		
UR.A.01A.3.0	UR.I6.037.R	10/01/2002	SOIL GRID	0.00	0.17		
UR.A.01AB.3.0	UR.I6.037.R	10/01/2002	SOIL GRID	0.00	0.17		
UR.A.01B.1.0	UR.I6.037.R	09/30/2002	SOIL GRID	0.00	0.17		
UR.A.01B.3.0	UR.I6.037.R	10/01/2002	SOIL GRID	0.00	0.17		
UR.A.01BC.3.0	UR.I6.037.R	10/01/2002	SOIL GRID	0.00	0.17		
UR.A.01C.1.0	UR.I6.037.R	09/30/2002	SOIL GRID	0.00	0.17		
UR.A.01C.3.0	UR.I6.037.R	10/01/2002	SOIL GRID	0.00	0.17		
UR.A.01C.3.D	UR.I6.037.R	10/01/2002	SOIL GRID	0.00	0.17		
UR.A.01CD.3.0	UR.I6.037.R	10/01/2002	SOIL GRID	0.00	0.17		
UR.A.01D.1.0	UR.I6.037.R	09/30/2002	SOIL GRID	0.00	0.17		
UR.A.01D.3.0	UR.I6.037.R	10/01/2002	SOIL GRID	0.00	0.17		
UR.A.02A.1.0	UR.I6.037.R	09/30/2002	SOIL GRID	0.00	0.17		
UR.A.02A.3.0	UR.I6.037.R	10/01/2002	SOIL GRID	0.00	0.17		
UR.A.02AB.3.0	UR.I6.037.R	10/01/2002	SOIL GRID	0.00	0.17		
UR.A.02B.1.0	UR.I6.037.R	09/30/2002	SOIL GRID	0.00	0.17		
UR.A.02B.3.0	UR.I6.037.R	10/01/2002	SOIL GRID	0.00	0.17		
UR.A.02BC.3.0	UR.I6.037.R	10/01/2002	SOIL GRID	0.00	0.17		
UR.A.02C.1.0	UR.I6.037.R	09/30/2002	SOIL GRID	0.00	0.17		
UR.A.02C.3.0	UR.I6.037.R	10/01/2002	SOIL GRID	0.00	0.17		

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
ECMWSNP02	ECMWSNP02D	09/13/1999	504	1,2-DIBROMOETHANE (ETHYL	0.11		UG/L	4.30	9.30	0.05	X
MW-41	W41M1A	05/18/2000	8151	PENTACHLOROPHENOL	1.80	J	UG/L	108.00	118.00	1.00	X
MW-1	W01SSA	12/12/2000	8321	HEXAHYDRO-1,3,5-TRINITRO-1	5.50		UG/L	0.00	10.00	2.00	X
MW-1	W01SSD	12/12/2000	8321	HEXAHYDRO-1,3,5-TRINITRO-1	5.30		UG/L	0.00	10.00	2.00	X
MW-16	W16SSA	12/08/2000	8321	HEXAHYDRO-1,3,5-TRINITRO-1	5.00	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	12/08/2000	8321	HEXAHYDRO-1,3,5-TRINITRO-1	45.00	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	06/18/2001	8321NX	1,3-DINITROBENZENE	3.50		UG/L	0.00	10.00	1.00	X
MW-19	W19SSA	06/18/2001	8321NX	2,4,6-TRINITROTOLUENE	5.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	06/18/2001	8321NX	HEXAHYDRO-1,3,5-TRINITRO-1	220.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	06/18/2001	8321NX	HEXAHYDRO-1,3,5-TRINITRO-1	230.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	06/18/2001	8321NX	NITROGLYCERIN	80.00		UG/L	0.00	10.00	5.00	X
58MW0009E	WC9EXA	10/02/1997	8330	HEXAHYDRO-1,3,5-TRINITRO-1	7.70		UG/L	6.50	11.50	2.00	X
MW-1	W01SSA	09/30/1997	8330	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	0.00	10.00	2.00	X
MW-1	W01SSD	09/30/1997	8330	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	0.00	10.00	2.00	X
MW-1	W01MMA	09/29/1997	8330	HEXAHYDRO-1,3,5-TRINITRO-1	4.60		UG/L	44.00	49.00	2.00	X
MW-25	W25SSA	10/16/1997	8330	HEXAHYDRO-1,3,5-TRINITRO-1	2.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	03/05/1998	8330N	2,4,6-TRINITROTOLUENE	10.00	J	UG/L	0.00	10.00	2.00	X
MW-19	W19S2A	07/20/1998	8330N	2,4,6-TRINITROTOLUENE	16.00		UG/L	0.00	10.00	2.00	X
MW-19	W19S2D	07/20/1998	8330N	2,4,6-TRINITROTOLUENE	16.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	02/12/1999	8330N	2,4,6-TRINITROTOLUENE	7.20	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	09/10/1999	8330N	2,4,6-TRINITROTOLUENE	2.60	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	05/12/2000	8330N	2,4,6-TRINITROTOLUENE	3.70	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	05/23/2000	8330N	2,4,6-TRINITROTOLUENE	3.90	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	08/08/2000	8330N	2,4,6-TRINITROTOLUENE	2.00	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	12/08/2000	8330N	2,4,6-TRINITROTOLUENE	2.30	J	UG/L	0.00	10.00	2.00	X
MW-196	W196SSA	02/07/2002	8330N	2,4,6-TRINITROTOLUENE	12.00		UG/L	0.00	5.00	2.00	X
MW-196	W196SSA	07/12/2002	8330N	2,4,6-TRINITROTOLUENE	10.00		UG/L	0.00	5.00	2.00	X
MW-31	W31SSA	05/15/2000	8330N	2,4,6-TRINITROTOLUENE	3.30		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	08/09/2000	8330N	2,4,6-TRINITROTOLUENE	3.90	J	UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	12/08/2000	8330N	2,4,6-TRINITROTOLUENE	5.20	J	UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	05/02/2001	8330N	2,4,6-TRINITROTOLUENE	5.20		UG/L	13.00	18.00	2.00	X
MW-31	W31MMA	05/23/2001	8330N	2,4,6-TRINITROTOLUENE	5.20		UG/L	28.00	38.00	2.00	X
MW-31	W31DDA	08/09/2000	8330N	2,4,6-TRINITROTOLUENE	3.90	J	UG/L	48.00	53.00	2.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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	0.00	5.00	2.00	X
58MW0001	58MW0001	08/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	0.00	5.00	2.00	X
58MW0001	58MW0001-D	08/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	0.00	5.00	2.00	X
58MW0001	58MW0001	05/31/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.00		UG/L	0.00	5.00	2.00	X
58MW0002	WC2XXA	02/26/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	19.00		UG/L	0.00	5.00	2.00	X
58MW0002	WC2XXA	01/14/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	20.00		UG/L	0.00	5.00	2.00	X
58MW0002	WC2XXA	10/08/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.80		UG/L	0.00	5.00	2.00	X
58MW0002	58MW0002	05/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	13.00		UG/L	0.00	5.00	2.00	X
58MW0002	58MW0002	09/19/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	15.00		UG/L	0.00	5.00	2.00	X
58MW0002	58MW0002	05/31/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	16.00		UG/L	0.00	5.00	2.00	X
58MW0009E	WC9EXA	01/26/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	17.00		UG/L	6.50	11.50	2.00	X
58MW0009E	WC9EXA	09/28/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	18.00		UG/L	6.50	11.50	2.00	X
58MW0009E	WC9EXD	09/28/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	18.00		UG/L	6.50	11.50	2.00	X
58MW0009E	58MW0009E	05/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.40		UG/L	6.50	11.50	2.00	X
58MW0009E	58MW0009E	08/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	6.50	11.50	2.00	X
58MW0009E	58MW0009E	06/03/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	14.00		UG/L	6.50	11.50	2.00	X
58MW0011D	58MW0011D	05/24/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.30		UG/L	49.50	54.50	2.00	X
58MW0011D	58MW0011D	09/26/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.50		UG/L	49.50	54.50	2.00	X
58MW0011D	58MW0011D	06/03/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.50		UG/L	49.50	54.50	2.00	X
58MW0016	58MW0016C	08/30/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.80		UG/L	0.00	10.00	2.00	X
58MW0016	58MW0016C	06/04/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.30		UG/L	0.00	10.00	2.00	X
58MW0016	58MW0016B	08/30/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.30		UG/L	28.50	38.50	2.00	X
90MW0022	WF22XA	01/26/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.80		UG/L	72.79	77.79	2.00	X
90MW0022	WF22XA	02/16/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.40		UG/L	72.79	77.79	2.00	X
90MW0022	WF22XA	09/30/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.20		UG/L	72.79	77.79	2.00	X
90MW0054	90MW0054	12/08/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.10		UG/L	91.83	96.83	2.00	X
90MW0054	90MW0054	04/20/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.70		UG/L	91.83	96.83	2.00	X
90WT0013	WF13XA	01/16/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.20	J	UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	02/22/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.80		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	09/07/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	05/31/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.10	J	UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	07/31/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.80	J	UG/L	0.00	10.00	2.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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-1	W01M2A	05/22/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		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-100	W100M1A	10/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.90		UG/L	45.00	55.00	2.00	X
MW-100	W100M1D	10/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.90		UG/L	45.00	55.00	2.00	X
MW-100	W100M1A	11/27/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.00		UG/L	45.00	55.00	2.00	X
MW-100	W100M1A	05/21/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10		UG/L	45.00	55.00	2.00	X
MW-101	W101M1A	06/06/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	27.00	37.00	2.00	X
MW-101	W101M1A	10/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.30		UG/L	27.00	37.00	2.00	X
MW-101	W101M1A	11/27/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.00		UG/L	27.00	37.00	2.00	X
MW-101	W101M1A	05/21/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20		UG/L	27.00	37.00	2.00	X
MW-105	W105M1A	06/21/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.90		UG/L	78.00	88.00	2.00	X
MW-105	W105M1A	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.90		UG/L	78.00	88.00	2.00	X
MW-105	W105M1A	01/27/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.30		UG/L	78.00	88.00	2.00	X
MW-105	W105M1A	10/22/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10	J	UG/L	78.00	88.00	2.00	X
MW-105	W105M1A	11/26/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10		UG/L	78.00	88.00	2.00	X
MW-105	W105M1A	05/21/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.30		UG/L	78.00	88.00	2.00	X
MW-107	W107M2A	06/21/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.00		UG/L	5.00	15.00	2.00	X
MW-107	W107M2A	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.10		UG/L	5.00	15.00	2.00	X
MW-107	W107M2A	10/22/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.40		UG/L	5.00	15.00	2.00	X
MW-107	W107M2A	11/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20	J	UG/L	5.00	15.00	2.00	X
MW-107	W107M2D	11/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20	J	UG/L	5.00	15.00	2.00	X

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1997 THROUGH OCTOBER 2002

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MW-111	W111M3A	10/10/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20		UG/L	33.00	43.00	2.00	X
MW-113	W113M2A	09/26/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	9.20		UG/L	48.00	58.00	2.00	X
MW-113	W113M2A	01/15/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	11.00		UG/L	48.00	58.00	2.00	X
MW-113	W113M2A	04/30/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	15.00		UG/L	48.00	58.00	2.00	X
MW-113	W113M2A	12/03/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	48.00	58.00	2.00	X
MW-113	W113M2A	05/09/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.00		UG/L	48.00	58.00	2.00	X
MW-114	W114M2A	10/24/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	140.00		UG/L	39.00	49.00	2.00	X
MW-114	W114M2D	10/24/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	140.00		UG/L	39.00	49.00	2.00	X
MW-114	W114M2A	03/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	120.00	J	UG/L	39.00	49.00	2.00	X
MW-114	W114M2A	06/19/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	140.00		UG/L	39.00	49.00	2.00	X
MW-114	W114M2A	01/07/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	170.00		UG/L	39.00	49.00	2.00	X
MW-114	W114M2A	08/09/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	210.00		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-114	W114M1A	12/21/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.30		UG/L	96.00	106.00	2.00	X
MW-114	W114M1A	08/09/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	96.00	106.00	2.00	X
MW-129	W129M2A	12/21/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	10.00		UG/L	46.00	56.00	2.00	X
MW-129	W129M2A	06/27/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.60		UG/L	46.00	56.00	2.00	X
MW-129	W129M2D	06/27/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.90		UG/L	46.00	56.00	2.00	X
MW-129	W129M2A	08/19/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.40		UG/L	46.00	56.00	2.00	X
MW-132	W132SSA	11/09/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50	J	UG/L	0.00	10.00	2.00	X
MW-132	W132SSA	02/16/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.40	J	UG/L	0.00	10.00	2.00	X
MW-132	W132SSA	12/12/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.80		UG/L	0.00	10.00	2.00	X
MW-147	W147M2A	02/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.00		UG/L	77.00	87.00	2.00	X
MW-147	W147M2A	10/24/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.90		UG/L	77.00	87.00	2.00	X
MW-147	W147M2A	04/29/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.30		UG/L	77.00	87.00	2.00	X
MW-147	W147M2D	04/29/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.30		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-147	W147M1A	04/29/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.10		UG/L	94.00	104.00	2.00	X
MW-153	W153M1A	03/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	9.20		UG/L	108.00	118.00	2.00	X
MW-153	W153M1A	07/24/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.80		UG/L	108.00	118.00	2.00	X
MW-153	W153M1A	10/24/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.80		UG/L	108.00	118.00	2.00	X
MW-153	W153M1A	04/26/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.70	J	UG/L	108.00	118.00	2.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-160	W160SSA	01/23/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20	J	UG/L	5.00	15.00	2.00	X
MW-163	W163SSA	06/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.70		UG/L	0.00	10.00	2.00	X
MW-163	W163SSA	10/10/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.80		UG/L	0.00	10.00	2.00	X
MW-163	W163SSA	02/05/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.10		UG/L	0.00	10.00	2.00	X
MW-163	W163SSA	03/07/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.20		UG/L	0.00	10.00	2.00	X
MW-163	W163SSA	07/02/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	13.00		UG/L	0.00	10.00	2.00	X
MW-164	W164M2A	05/25/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	119.00	129.00	2.00	X
MW-164	W164M2A	08/21/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.00		UG/L	119.00	129.00	2.00	X
MW-164	W164M2A	01/17/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.60		UG/L	119.00	129.00	2.00	X
MW-164	W164M2A	06/20/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.10		UG/L	119.00	129.00	2.00	X
MW-165	W165M2A	05/08/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	60.00		UG/L	46.00	56.00	2.00	X
MW-165	W165M2A	08/16/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	50.00		UG/L	46.00	56.00	2.00	X
MW-165	W165M2A	01/07/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	27.00	J	UG/L	46.00	56.00	2.00	X
MW-165	W165M2A	08/10/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	23.00		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	W166M3A	01/17/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10		UG/L	19.00	29.00	2.00	X
MW-166	W166M1A	05/31/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.70		UG/L	112.00	117.00	2.00	X
MW-166	W166M1A	10/04/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.40		UG/L	112.00	117.00	2.00	X
MW-166	W166M1A	01/16/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	112.00	117.00	2.00	X
MW-171	W171M2A	05/31/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10		UG/L	83.00	88.00	2.00	X
MW-171	W171M2A	12/21/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.60		UG/L	83.00	88.00	2.00	X
MW-178	W178M1A	10/31/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.80		UG/L	117.00	127.00	2.00	X
MW-178	W178M1A	03/08/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.60	J	UG/L	117.00	127.00	2.00	X
MW-178	W178M1A	07/26/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.30		UG/L	117.00	127.00	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-184	W184M1A	06/21/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	24.00		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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-19	W19SSA	05/23/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	160.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	08/08/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	290.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	12/08/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	200.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	08/07/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	99.00		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-196	W196SSA	07/12/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.60	J	UG/L	0.00	5.00	2.00	X
MW-198	W198M4A	02/21/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	48.40	53.40	2.00	X
MW-198	W198M4A	07/19/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.00		UG/L	48.40	53.40	2.00	X
MW-198	W198M3A	07/22/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	10.00		UG/L	78.50	83.50	2.00	X
MW-2	W02M2A	01/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	13.00		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	02/03/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.80		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	09/03/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.80		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	05/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.30	J	UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	08/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	11/27/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	05/03/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.10		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	08/21/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.50		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	11/19/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.00		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	05/01/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.00	J	UG/L	33.00	38.00	2.00	X
MW-2	W02M1A	08/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10		UG/L	75.00	80.00	2.00	X
MW-201	W201M2A	03/13/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10	J	UG/L	86.90	96.90	2.00	X
MW-201	W201M2A	07/18/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.40		UG/L	86.90	96.90	2.00	X
MW-204	W204M2A	07/29/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.60		UG/L	17.20	27.20	2.00	X
MW-204	W204M1A	04/10/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.60		UG/L	81.00	91.00	2.00	X
MW-204	W204M1A	07/29/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.30		UG/L	81.00	91.00	2.00	X
MW-204	W204M1D	07/29/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.00		UG/L	81.00	91.00	2.00	X
MW-206	W206M1A	07/18/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.60		UG/L	19.57	29.57	2.00	X
MW-207	W207M1A	04/16/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	18.00		UG/L	100.52	110.52	2.00	X
MW-207	W207M1A	07/26/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	18.00		UG/L	100.52	110.52	2.00	X
MW-207	W207M1D	07/26/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	18.00		UG/L	100.52	110.52	2.00	X
MW-209	W209M1A	04/30/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	121.00	131.00	2.00	X
MW-209	W209M1A	07/26/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	121.00	131.00	2.00	X
MW-215	W215M2A	08/01/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10		UG/L	98.90	108.90	2.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-227	W227M2A	08/06/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	11.00		UG/L	56.38	66.38	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-23	W23M1A	05/09/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.50		UG/L	103.00	113.00	2.00	X
MW-23	W23M1D	05/09/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.50		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
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

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1997 THROUGH OCTOBER 2002

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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-37	W37M2A	06/11/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.00		UG/L	26.00	36.00	2.00	X
MW-37	W37M2D	06/11/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.00		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-38	W38M3A	11/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10	J	UG/L	52.00	62.00	2.00	X
MW-38	W38M3D	11/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.00	J	UG/L	52.00	62.00	2.00	X
MW-40	W40M1A	09/21/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.80		UG/L	13.00	23.00	2.00	X
MW-40	W40M1D	09/21/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.60		UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	12/30/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.00	J	UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	04/14/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.00	J	UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	09/01/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40	J	UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	11/27/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	06/02/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10		UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	08/16/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.90		UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	11/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10	J	UG/L	13.00	23.00	2.00	X
MW-58	W58SSA	11/23/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.70	J	UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	02/15/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.00		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	05/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.40	J	UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	09/05/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.10		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	12/20/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.10		UG/L	0.00	10.00	2.00	X

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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 OCTOBER 2002

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-58	W58SSA	06/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.30		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	08/22/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.40		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	12/12/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.80		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	07/09/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	50.00	J	UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	09/16/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	63.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	11/02/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	57.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	06/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	44.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	09/05/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	29.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	11/14/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	28.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSD	11/14/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	29.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	06/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	22.00		UG/L	0.00	10.00	2.00	X
MW-76	W76SSA	01/20/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	11.00		UG/L	18.00	28.00	2.00	X
MW-76	W76SSA	05/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.50	J	UG/L	18.00	28.00	2.00	X
MW-76	W76SSA	08/01/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10		UG/L	18.00	28.00	2.00	X
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	W76SSA	08/20/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	31.00	J	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	W76M2A	08/19/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	160.00	J	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-76	W76M1A	08/19/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	14.00	J	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 OCTOBER 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-85	W85M1A	12/15/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	19.00		UG/L	22.00	32.00	2.00	X
MW-85	W85M1A	05/22/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.00		UG/L	22.00	32.00	2.00	X
MW-86	W86SSA	04/28/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50	J	UG/L	1.00	11.00	2.00	X
MW-86	W86M2A	09/27/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.00		UG/L	16.00	26.00	2.00	X
MW-86	W86M2A	11/30/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.70		UG/L	16.00	26.00	2.00	X
MW-86	W86M2A	05/16/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10		UG/L	16.00	26.00	2.00	X
MW-87	W87M1A	04/28/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.50	J	UG/L	62.00	72.00	2.00	X
MW-87	W87M1A	09/14/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.00		UG/L	62.00	72.00	2.00	X
MW-87	W87M1A	01/10/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.60		UG/L	62.00	72.00	2.00	X
MW-87	W87M1A	09/27/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.00		UG/L	62.00	72.00	2.00	X
MW-87	W87M1A	12/03/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.20		UG/L	62.00	72.00	2.00	X
MW-87	W87M1A	05/17/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.20		UG/L	62.00	72.00	2.00	X
MW-88	W88M2A	05/24/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.00		UG/L	72.00	82.00	2.00	X
MW-88	W88M2A	09/21/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.70		UG/L	72.00	82.00	2.00	X
MW-88	W88M2A	01/10/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.80		UG/L	72.00	82.00	2.00	X
MW-88	W88M2A	09/28/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.40		UG/L	72.00	82.00	2.00	X
MW-88	W88M2A	12/04/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.50		UG/L	72.00	82.00	2.00	X
MW-88	W88M2A	05/17/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.10		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-89	W89M2A	12/03/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.90		UG/L	72.00	82.00	2.00	X
MW-89	W89M2A	05/17/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.00		UG/L	72.00	82.00	2.00	X
MW-89	W89M1A	09/28/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10		UG/L	92.00	102.00	2.00	X
MW-89	W89M1A	12/04/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	92.00	102.00	2.00	X
MW-89	W89M1A	05/17/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.30		UG/L	92.00	102.00	2.00	X
MW-90	W90SSA	05/19/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.40	J	UG/L	0.00	10.00	2.00	X
MW-90	W90M1A	10/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	27.00	37.00	2.00	X
MW-91	W91SSA	05/19/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	0.00	10.00	2.00	X

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1997 THROUGH OCTOBER 2002

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-91	W91SSA	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	13.00		UG/L	0.00	10.00	2.00	X
MW-91	W91SSA	01/20/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	0.00	10.00	2.00	X
MW-91	W91SSA	10/09/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	14.00		UG/L	0.00	10.00	2.00	X
MW-91	W91SSA	12/20/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	20.00		UG/L	0.00	10.00	2.00	X
MW-91	W91SSA	05/20/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	17.00		UG/L	0.00	10.00	2.00	X
MW-91	W91M1A	05/22/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	18.00		UG/L	45.00	55.00	2.00	X
MW-91	W91M1A	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	11.00		UG/L	45.00	55.00	2.00	X
MW-91	W91M1D	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	11.00		UG/L	45.00	55.00	2.00	X
MW-91	W91M1A	01/20/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	45.00	55.00	2.00	X
MW-91	W91M1A	10/03/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	13.00	J	UG/L	45.00	55.00	2.00	X
MW-91	W91M1A	11/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	10.00	J	UG/L	45.00	55.00	2.00	X
MW-91	W91M1A	05/20/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.30		UG/L	45.00	55.00	2.00	X
MW-91	W91M1D	05/20/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.50		UG/L	45.00	55.00	2.00	X
MW-93	W93M2A	05/26/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.20		UG/L	16.00	26.00	2.00	X
MW-93	W93M2A	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.20		UG/L	16.00	26.00	2.00	X
MW-93	W93M2A	01/20/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10	J	UG/L	16.00	26.00	2.00	X
MW-93	W93M2A	10/03/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	9.90		UG/L	16.00	26.00	2.00	X
MW-93	W93M2A	11/28/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	16.00	26.00	2.00	X
MW-93	W93M2A	05/20/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.70		UG/L	16.00	26.00	2.00	X
MW-93	W93M1A	05/26/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20	J	UG/L	56.00	66.00	2.00	X
MW-93	W93M1A	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	56.00	66.00	2.00	X
MW-93	W93M1A	01/22/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40	J	UG/L	56.00	66.00	2.00	X
MW-93	W93M1D	01/22/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	56.00	66.00	2.00	X
MW-93	W93M1A	10/03/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.20		UG/L	56.00	66.00	2.00	X
MW-93	W93M1A	11/28/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.80		UG/L	56.00	66.00	2.00	X
MW-93	W93M1A	05/20/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.60		UG/L	56.00	66.00	2.00	X
MW-95	W95M1A	05/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20		UG/L	78.00	88.00	2.00	X
MW-95	W95M1A	10/01/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20		UG/L	78.00	88.00	2.00	X
MW-95	W95M1A	12/15/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.20		UG/L	78.00	88.00	2.00	X
MW-95	W95M1A	05/20/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.10		UG/L	78.00	88.00	2.00	X
MW-95	W95M1D	05/20/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.20		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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-99	W99M1D	05/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.90		UG/L	60.00	70.00	2.00	X
MW-99	W99M1A	09/29/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.00		UG/L	60.00	70.00	2.00	X
MW-99	W99M1A	01/13/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.20		UG/L	60.00	70.00	2.00	X
OW-1	WOW-1A	11/15/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.30		UG/L	0.00	10.00	2.00	X
OW-1	WOW-1A	05/21/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.20		UG/L	0.00	10.00	2.00	X
OW-1	WOW-1D	05/21/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.50		UG/L	0.00	10.00	2.00	X
OW-2	WOW-2A	11/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.00		UG/L	48.78	58.78	2.00	X
OW-2	WOW-2A	05/21/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.20		UG/L	48.78	58.78	2.00	X
OW-6	WOW-6A	11/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.30		UG/L	46.80	56.80	2.00	X
MW-19	W19SSA	08/24/2001	8330NX	2,4,6-TRINITROTOLUENE	2.40		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	12/27/2001	8330NX	2,4,6-TRINITROTOLUENE	2.20	J	UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	08/24/2001	8330NX	2,4,6-TRINITROTOLUENE	5.40		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	01/04/2002	8330NX	2,4,6-TRINITROTOLUENE	5.90		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	05/29/2002	8330NX	2,4,6-TRINITROTOLUENE	5.50		UG/L	13.00	18.00	2.00	X
58MW0001	58MW0001	01/11/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	4.60		UG/L	0.00	5.00	2.00	X
58MW0002	58MW0002	12/14/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	15.00		UG/L	0.00	5.00	2.00	X
58MW0009E	58MW0009E	12/11/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	13.00		UG/L	6.50	11.50	2.00	X
58MW0009E	58MW0009E-A	08/26/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	14.00		UG/L	6.50	11.50	2.00	X
58MW0011D	58MW0011D	12/11/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	5.10		UG/L	49.50	54.50	2.00	X
58MW0016	58MW0016C	12/11/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	4.00		UG/L	0.00	10.00	2.00	X
58MW0018	58MW0018B	12/13/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	2.20		UG/L	34.55	44.55	2.00	X
MW-1	W01SSA	08/16/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	4.30		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	01/10/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	5.20	J	UG/L	0.00	10.00	2.00	X
MW-1	W01M2A	08/15/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	11.00		UG/L	44.00	49.00	2.00	X
MW-1	W01M2A	11/30/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	8.90		UG/L	44.00	49.00	2.00	X
MW-114	W114M2A	05/29/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	190.00		UG/L	39.00	49.00	2.00	X
MW-114	W114M1A	06/21/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	2.10		UG/L	96.00	106.00	2.00	X
MW-129	W129M2A	07/10/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	7.90		UG/L	46.00	56.00	2.00	X
MW-165	W165M2A	04/18/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	26.00		UG/L	46.00	56.00	2.00	X
MW-19	W19SSA	06/18/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	200.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	06/18/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	210.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	08/24/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	120.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	12/27/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	120.00		UG/L	0.00	10.00	2.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-19	W19SSA	05/29/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	120.00		UG/L	0.00	10.00	2.00	X
MW-198	W198M3A	02/15/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	15.00		UG/L	78.50	83.50	2.00	X
MW-23	W23M1A	07/30/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	5.30		UG/L	103.00	113.00	2.00	X
MW-23	W23M1A	12/06/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	5.30		UG/L	103.00	113.00	2.00	X
MW-23	W23M1A	08/15/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	5.00		UG/L	103.00	113.00	2.00	X
MW-31	W31SSA	08/24/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	88.00		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	01/04/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	31.00		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	05/29/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	130.00		UG/L	13.00	18.00	2.00	X
MW-31	W31MMA	04/22/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	7.40		UG/L	28.00	38.00	2.00	X
MW-31	W31MMD	04/22/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	7.20		UG/L	28.00	38.00	2.00	X
MW-37	W37M2A	08/13/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	4.60	J	UG/L	26.00	36.00	2.00	X
MW-73	W73SSA	01/11/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	79.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	08/20/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	34.00	J	UG/L	0.00	10.00	2.00	X
MW-76	W76SSA	08/10/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	4.50		UG/L	18.00	28.00	2.00	X
MW-76	W76SSA	12/28/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	9.90	J	UG/L	18.00	28.00	2.00	X
MW-76	W76SSA	04/24/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	25.00		UG/L	18.00	28.00	2.00	X
MW-76	W76M2A	08/13/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	51.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M2D	08/13/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	48.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M2A	01/07/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	92.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M2A	04/24/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	130.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M1A	08/13/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	90.00		UG/L	58.00	68.00	2.00	X
MW-76	W76M1A	12/28/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	110.00		UG/L	58.00	68.00	2.00	X
MW-76	W76M1A	04/24/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	79.00		UG/L	58.00	68.00	2.00	X
MW-77	W77M2A	08/10/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	29.00		UG/L	38.00	48.00	2.00	X
MW-77	W77M2A	12/26/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	26.00		UG/L	38.00	48.00	2.00	X
MW-77	W77M2A	04/24/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	5.40		UG/L	38.00	48.00	2.00	X
MW-86	W86SSA	08/16/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	4.70	J	UG/L	1.00	11.00	2.00	X
MW-1	W01SSA	12/12/2000	CHPPM	HEXAHYDRO-1,3,5-TRINITRO-1	12.00	J	UG/L	0.00	10.00	2.00	X
MW-1	W01SSD	12/12/2000	CHPPM	HEXAHYDRO-1,3,5-TRINITRO-1	11.00		UG/L	0.00	10.00	2.00	X
MW-16	W16SSA	12/08/2000	CHPPM	HEXAHYDRO-1,3,5-TRINITRO-1	2.50	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	12/08/2000	CHPPM	HEXAHYDRO-1,3,5-TRINITRO-1	300.00	J	UG/L	0.00	10.00	2.00	X
ASPWELL	ASPWELL	07/20/1999	E200.8	LEAD	53.00		UG/L			15.00	X
16MW0001	16MW0001-	05/13/2002	E314.0	PERCHLORATE	2.70		UG/L			1.50	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
16MW0001	16MW0001-	07/12/2002	E314.0	PERCHLORATE	4.30		UG/L			1.50	X
27MW0031B	27MW0031B-	04/20/2001	E314.0	PERCHLORATE	17.70		UG/L			1.50	X
27MW0031B	27MW0031B-	07/05/2001	E314.0	PERCHLORATE	15.10		UG/L			1.50	X
27MW0031B	27MW0031B-	01/03/2002	E314.0	PERCHLORATE	9.30		UG/L			1.50	X
27MW0031B	27MW0031B-	03/29/2002	E314.0	PERCHLORATE	7.18		UG/L			1.50	X
27MW0031B	27MW0031B-	03/29/2002	E314.0	PERCHLORATE	8.30		UG/L			1.50	X
27MW0031B	27MW0031B-	07/17/2002	E314.0	PERCHLORATE	5.30		UG/L			1.50	X
27MW2134A	27MW2134A-	07/25/2002	E314.0	PERCHLORATE	1.60		UG/L			1.50	X
58MW0009C	58MW0009C	06/04/2002	E314.0	PERCHLORATE	1.50		UG/L	41.00	47.00	1.50	X
58MW0015A	58MW0015A	04/11/2002	E314.0	PERCHLORATE	2.09		UG/L	36.00	45.00	1.50	X
90MW0022	90MW0022	05/19/2001	E314.0	PERCHLORATE	2.00	J	UG/L	72.79	77.79	1.50	X
90MW0022	90MW0022	09/05/2001	E314.0	PERCHLORATE	2.00	J	UG/L	72.79	77.79	1.50	X
90MW0022	90MW0022	01/16/2002	E314.0	PERCHLORATE	1.63	J	UG/L	72.79	77.79	1.50	X
90MW0022	90MW0022	04/15/2002	E314.0	PERCHLORATE	1.90		UG/L	72.79	77.79	1.50	X
90MW0054	90MW0054AA	01/30/2001	E314.0	PERCHLORATE	9.00		UG/L	91.83	96.83	1.50	X
90MW0054	90MW0054AD	01/30/2001	E314.0	PERCHLORATE	10.00		UG/L	91.83	96.83	1.50	X
90MW0054	90MW0054	10/24/2001	E314.0	PERCHLORATE	27.80		UG/L	91.83	96.83	1.50	X
90MW0054	90MW0054	12/13/2001	E314.0	PERCHLORATE	32.10		UG/L	91.83	96.83	1.50	X
90MW0054	90MW0054	04/20/2002	E314.0	PERCHLORATE	26.30	J	UG/L	91.83	96.83	1.50	X
MW-100	W100M1A	10/23/2001	E314.0	PERCHLORATE	1.67	J	UG/L	45.00	55.00	1.50	X
MW-101	W101M1A	01/20/2001	E314.0	PERCHLORATE	3.00	J	UG/L	27.00	37.00	1.50	X
MW-101	W101M1A	10/23/2001	E314.0	PERCHLORATE	1.75	J	UG/L	27.00	37.00	1.50	X
MW-101	W101M1A	11/27/2001	E314.0	PERCHLORATE	1.72	J	UG/L	27.00	37.00	1.50	X
MW-105	W105M1A	11/26/2001	E314.0	PERCHLORATE	1.98	J	UG/L	78.00	88.00	1.50	X
MW-114	W114M2A	12/29/2000	E314.0	PERCHLORATE	300.00		UG/L	39.00	49.00	1.50	X
MW-114	W114M2A	03/14/2001	E314.0	PERCHLORATE	260.00		UG/L	39.00	49.00	1.50	X
MW-114	W114M2A	06/19/2001	E314.0	PERCHLORATE	207.00		UG/L	39.00	49.00	1.50	X
MW-114	W114M2A	01/10/2002	E314.0	PERCHLORATE	127.00		UG/L	39.00	49.00	1.50	X
MW-114	W114M2A	05/29/2002	E314.0	PERCHLORATE	72.00		UG/L	39.00	49.00	1.50	X
MW-114	W114M1A	12/28/2000	E314.0	PERCHLORATE	11.00		UG/L	96.00	106.00	1.50	X
MW-114	W114M1A	03/14/2001	E314.0	PERCHLORATE	13.00		UG/L	96.00	106.00	1.50	X
MW-114	W114M1A	06/18/2001	E314.0	PERCHLORATE	10.00		UG/L	96.00	106.00	1.50	X
MW-114	W114M1A	12/21/2001	E314.0	PERCHLORATE	22.10		UG/L	96.00	106.00	1.50	X

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1997 THROUGH OCTOBER 2002

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-114	W114M1A	06/21/2002	E314.0	PERCHLORATE	12.00		UG/L	96.00	106.00	1.50	X
MW-125	W125M1A	02/20/2001	E314.0	PERCHLORATE	3.00	J	UG/L	182.00	192.00	1.50	X
MW-127	W127SSA	02/14/2001	E314.0	PERCHLORATE	4.00	J	UG/L	0.00	10.00	1.50	X
MW-128	W128SSA	02/14/2001	E314.0	PERCHLORATE	3.00	J	UG/L	0.00	10.00	1.50	X
MW-129	W129M3A	08/19/2002	E314.0	PERCHLORATE	2.00	J	UG/L	26.00	36.00	1.50	X
MW-129	W129M3D	08/19/2002	E314.0	PERCHLORATE	1.50	J	UG/L	26.00	36.00	1.50	X
MW-129	W129M2A	03/14/2001	E314.0	PERCHLORATE	6.00		UG/L	46.00	56.00	1.50	X
MW-129	W129M2A	06/20/2001	E314.0	PERCHLORATE	8.00		UG/L	46.00	56.00	1.50	X
MW-129	W129M2A	12/21/2001	E314.0	PERCHLORATE	6.93	J	UG/L	46.00	56.00	1.50	X
MW-129	W129M1A	01/02/2001	E314.0	PERCHLORATE	10.00		UG/L	66.00	76.00	1.50	X
MW-129	W129M1A	03/14/2001	E314.0	PERCHLORATE	9.00		UG/L	66.00	76.00	1.50	X
MW-129	W129M1A	06/19/2001	E314.0	PERCHLORATE	6.00		UG/L	66.00	76.00	1.50	X
MW-129	W129M1A	12/21/2001	E314.0	PERCHLORATE	5.92	J	UG/L	66.00	76.00	1.50	X
MW-129	W129M1A	04/12/2002	E314.0	PERCHLORATE	4.63		UG/L	66.00	76.00	1.50	X
MW-130	W130SSA	02/14/2001	E314.0	PERCHLORATE	3.00	J	UG/L	0.00	10.00	1.50	X
MW-130	W130SSA	06/14/2001	E314.0	PERCHLORATE	3.00	J	UG/L	0.00	10.00	1.50	X
MW-130	W130SSD	06/14/2001	E314.0	PERCHLORATE	3.00	J	UG/L	0.00	10.00	1.50	X
MW-130	W130SSA	12/13/2001	E314.0	PERCHLORATE	4.21		UG/L	0.00	10.00	1.50	X
MW-130	W130SSD	12/13/2001	E314.0	PERCHLORATE	4.10		UG/L	0.00	10.00	1.50	X
MW-132	W132SSA	11/09/2000	E314.0	PERCHLORATE	39.00	J	UG/L	0.00	10.00	1.50	X
MW-132	W132SSA	02/16/2001	E314.0	PERCHLORATE	65.00		UG/L	0.00	10.00	1.50	X
MW-132	W132SSA	06/15/2001	E314.0	PERCHLORATE	75.00		UG/L	0.00	10.00	1.50	X
MW-132	W132SSA	12/12/2001	E314.0	PERCHLORATE	27.40		UG/L	0.00	10.00	1.50	X
MW-132	W132SSA	06/28/2002	E314.0	PERCHLORATE	28.00		UG/L	0.00	10.00	1.50	X
MW-139	W139M2A	12/29/2000	E314.0	PERCHLORATE	8.00		UG/L	70.00	80.00	1.50	X
MW-139	W139M2A	03/15/2001	E314.0	PERCHLORATE	11.00	J	UG/L	70.00	80.00	1.50	X
MW-139	W139M2A	06/20/2001	E314.0	PERCHLORATE	3.00	J	UG/L	70.00	80.00	1.50	X
MW-139	W139M2A	04/17/2002	E314.0	PERCHLORATE	2.77		UG/L	70.00	80.00	1.50	X
MW-139	W139M1A	04/17/2002	E314.0	PERCHLORATE	1.86		UG/L	110.00	120.00	1.50	X
MW-141	W141M2A	08/12/2002	E314.0	PERCHLORATE	1.50		UG/L	34.00	44.00	1.50	X
MW-158	W158SSA	06/12/2001	E314.0	PERCHLORATE	2.00	J	UG/L	2.00	12.00	1.50	X
MW-158	W158M2A	01/16/2002	E314.0	PERCHLORATE	1.61	J	UG/L	37.00	47.00	1.50	X
MW-162	W162M2A	01/18/2002	E314.0	PERCHLORATE	1.55	J	UG/L	49.29	59.29	1.50	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-162	W162M2A	04/18/2002	E314.0	PERCHLORATE	2.03		UG/L	49.29	59.29	1.50	X
MW-162	W162M2A	08/08/2002	E314.0	PERCHLORATE	2.40	J	UG/L	49.29	59.29	1.50	X
MW-162	W162M2D	08/08/2002	E314.0	PERCHLORATE	2.00	J	UG/L	49.29	59.29	1.50	X
MW-163	W163SSA	06/14/2001	E314.0	PERCHLORATE	67.00		UG/L	0.00	10.00	1.50	X
MW-163	W163SSA	10/10/2001	E314.0	PERCHLORATE	39.60		UG/L	0.00	10.00	1.50	X
MW-163	W163SSA	02/05/2002	E314.0	PERCHLORATE	17.90		UG/L	0.00	10.00	1.50	X
MW-163	W163SSA	03/07/2002	E314.0	PERCHLORATE	33.10		UG/L	0.00	10.00	1.50	X
MW-163	W163SSA	07/02/2002	E314.0	PERCHLORATE	46.00		UG/L	0.00	10.00	1.50	X
MW-165	W165M2A	05/08/2001	E314.0	PERCHLORATE	122.00	J	UG/L	46.00	56.00	1.50	X
MW-165	W165M2A	08/16/2001	E314.0	PERCHLORATE	102.00		UG/L	46.00	56.00	1.50	X
MW-165	W165M2A	01/10/2002	E314.0	PERCHLORATE	81.20		UG/L	46.00	56.00	1.50	X
MW-165	W165M2A	04/18/2002	E314.0	PERCHLORATE	83.50		UG/L	46.00	56.00	1.50	X
MW-165	W165M2A	08/10/2002	E314.0	PERCHLORATE	64.00		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-166	W166M3A	07/01/2002	E314.0	PERCHLORATE	2.00		UG/L	19.00	29.00	1.50	X
MW-172	W172M2A	06/21/2001	E314.0	PERCHLORATE	3.00	J	UG/L	104.00	114.00	1.50	X
MW-172	W172M2A	09/21/2001	E314.0	PERCHLORATE	3.94	J	UG/L	104.00	114.00	1.50	X
MW-172	W172M2A	02/08/2002	E314.0	PERCHLORATE	5.45		UG/L	104.00	114.00	1.50	X
MW-19	W19SSA	08/08/2000	E314.0	PERCHLORATE	5.00	J	UG/L	0.00	10.00	1.50	X
MW-19	W19SSA	12/08/2000	E314.0	PERCHLORATE	12.00		UG/L	0.00	10.00	1.50	X
MW-19	W19SSA	06/18/2001	E314.0	PERCHLORATE	41.00		UG/L	0.00	10.00	1.50	X
MW-19	W19SSA	08/24/2001	E314.0	PERCHLORATE	8.49		UG/L	0.00	10.00	1.50	X
MW-19	W19SSA	12/27/2001	E314.0	PERCHLORATE	18.60	J	UG/L	0.00	10.00	1.50	X
MW-19	W19SSA	05/29/2002	E314.0	PERCHLORATE	5.20		UG/L	0.00	10.00	1.50	X
MW-19	W19SSA	08/07/2002	E314.0	PERCHLORATE	4.10	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-193	W193M1A	07/11/2002	E314.0	PERCHLORATE	3.00		UG/L	23.80	28.80	1.50	X
MW-197	W197M3A	07/18/2002	E314.0	PERCHLORATE	54.00	J	UG/L	39.40	44.40	1.50	X
MW-197	W197M2A	07/17/2002	E314.0	PERCHLORATE	1.50	J	UG/L	59.30	64.30	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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-198	W198M3A	02/15/2002	E314.0	PERCHLORATE	40.90		UG/L	78.50	83.50	1.50	X
MW-198	W198M3A	07/22/2002	E314.0	PERCHLORATE	65.00	J	UG/L	78.50	83.50	1.50	X
MW-198	W198M4A	07/19/2002	E314.0	PERCHLORATE	170.00	J	UG/L	48.40	53.40	1.50	X
MW-210	W210M2A	06/06/2002	E314.0	PERCHLORATE	12.00		UG/L	54.69	64.69	1.50	X
MW-210	W210M2D	06/06/2002	E314.0	PERCHLORATE	11.00		UG/L	54.69	64.69	1.50	X
MW-211	W211M2A	06/06/2002	E314.0	PERCHLORATE	3.00		UG/L	29.70	39.70	1.50	X
MW-31	W31SSA	08/09/2000	E314.0	PERCHLORATE	40.00	J	UG/L	13.00	18.00	1.50	X
MW-31	W31SSA	12/08/2000	E314.0	PERCHLORATE	30.00		UG/L	13.00	18.00	1.50	X
MW-31	W31SSA	05/02/2001	E314.0	PERCHLORATE	20.00	J	UG/L	13.00	18.00	1.50	X
MW-31	W31SSA	08/24/2001	E314.0	PERCHLORATE	16.20		UG/L	13.00	18.00	1.50	X
MW-31	W31SSA	01/04/2002	E314.0	PERCHLORATE	12.50		UG/L	13.00	18.00	1.50	X
MW-31	W31SSA	05/29/2002	E314.0	PERCHLORATE	12.00		UG/L	13.00	18.00	1.50	X
MW-31	W31SSA	08/07/2002	E314.0	PERCHLORATE	7.20	J	UG/L	13.00	18.00	1.50	X
MW-31	W31M1A	08/09/2000	E314.0	PERCHLORATE	50.00	J	UG/L	28.00	38.00	1.50	X
MW-31	W31MMA	05/23/2001	E314.0	PERCHLORATE	19.00		UG/L	28.00	38.00	1.50	X
MW-31	W31MMA	01/04/2002	E314.0	PERCHLORATE	1.66	J	UG/L	28.00	38.00	1.50	X
MW-31	W31MMA	04/22/2002	E314.0	PERCHLORATE	2.98	J	UG/L	28.00	38.00	1.50	X
MW-31	W31MMD	04/22/2002	E314.0	PERCHLORATE	3.04	J	UG/L	28.00	38.00	1.50	X
MW-31	W31MMA	08/07/2002	E314.0	PERCHLORATE	10.00	J	UG/L	28.00	38.00	1.50	X
MW-32	W32MMA	04/22/2002	E314.0	PERCHLORATE	1.97		UG/L	65.00	75.00	1.50	X
MW-33	W33SSA	04/23/2002	E314.0	PERCHLORATE	1.72		UG/L	50.00	55.00	1.50	X
MW-33	W33SSA	08/08/2002	E314.0	PERCHLORATE	1.60	J	UG/L	50.00	55.00	1.50	X
MW-33	W33MMA	04/23/2002	E314.0	PERCHLORATE	1.72		UG/L	65.00	75.00	1.50	X
MW-33	W33MMA	08/08/2002	E314.0	PERCHLORATE	2.10	J	UG/L	65.00	75.00	1.50	X
MW-33	W33DDA	12/26/2001	E314.0	PERCHLORATE	1.54	J	UG/L	85.00	90.00	1.50	X
MW-33	W33DDA	04/23/2002	E314.0	PERCHLORATE	2.02		UG/L	85.00	90.00	1.50	X
MW-33	W33DDA	08/08/2002	E314.0	PERCHLORATE	2.00	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
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	W34M2A	04/24/2002	E314.0	PERCHLORATE	19.60		UG/L	53.00	63.00	1.50	X

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TABLE 3
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1997 THROUGH OCTOBER 2002

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-34	W34M1A	12/18/2000	E314.0	PERCHLORATE	109.00		UG/L	73.00	83.00	1.50	X
MW-34	W34M1A	05/05/2001	E314.0	PERCHLORATE	46.00		UG/L	73.00	83.00	1.50	X
MW-34	W34M1A	07/31/2001	E314.0	PERCHLORATE	30.80		UG/L	73.00	83.00	1.50	X
MW-34	W34M1D	07/31/2001	E314.0	PERCHLORATE	31.40		UG/L	73.00	83.00	1.50	X
MW-34	W34M1A	12/26/2001	E314.0	PERCHLORATE	17.70		UG/L	73.00	83.00	1.50	X
MW-34	W34M1A	04/24/2002	E314.0	PERCHLORATE	7.90		UG/L	73.00	83.00	1.50	X
MW-34	W34M1A	08/20/2002	E314.0	PERCHLORATE	7.10	J	UG/L	73.00	83.00	1.50	X
MW-35	W35M1A	05/04/2001	E314.0	PERCHLORATE	4.00	J	UG/L	68.00	78.00	1.50	X
MW-35	W35M1A	08/03/2001	E314.0	PERCHLORATE	5.40		UG/L	68.00	78.00	1.50	X
MW-35	W35M1A	12/21/2001	E314.0	PERCHLORATE	6.34	J	UG/L	68.00	78.00	1.50	X
MW-35	W35M1A	04/24/2002	E314.0	PERCHLORATE	6.44	J	UG/L	68.00	78.00	1.50	X
MW-36	W36M2A	01/08/2002	E314.0	PERCHLORATE	1.86	J	UG/L	54.00	64.00	1.50	X
MW-36	W36M2D	01/08/2002	E314.0	PERCHLORATE	2.16		UG/L	54.00	64.00	1.50	X
MW-36	W36M2A	04/24/2002	E314.0	PERCHLORATE	3.44		UG/L	54.00	64.00	1.50	X
MW-36	W36M2A	08/08/2002	E314.0	PERCHLORATE	4.00	J	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-66	W66SSA	07/01/2002	E314.0	PERCHLORATE	2.00		UG/L	7.00	17.00	1.50	X
MW-66	W66SSA	08/09/2002	E314.0	PERCHLORATE	2.90		UG/L	7.00	17.00	1.50	X
MW-66	W66SSD	08/09/2002	E314.0	PERCHLORATE	2.30		UG/L	7.00	17.00	1.50	X
MW-73	W73SSD	12/19/2000	E314.0	PERCHLORATE	6.00		UG/L	0.00	10.00	1.50	X
MW-73	W73SSA	06/14/2001	E314.0	PERCHLORATE	10.00		UG/L	0.00	10.00	1.50	X
MW-73	W73SSA	01/11/2002	E314.0	PERCHLORATE	3.30		UG/L	0.00	10.00	1.50	X
MW-75	W75M2A	05/09/2001	E314.0	PERCHLORATE	9.00	J	UG/L	34.00	44.00	1.50	X
MW-75	W75M2D	05/09/2001	E314.0	PERCHLORATE	9.00	J	UG/L	34.00	44.00	1.50	X
MW-75	W75M2A	08/09/2001	E314.0	PERCHLORATE	6.24		UG/L	34.00	44.00	1.50	X
MW-75	W75M2A	01/07/2002	E314.0	PERCHLORATE	4.08		UG/L	34.00	44.00	1.50	X
MW-75	W75M2A	04/25/2002	E314.0	PERCHLORATE	4.89		UG/L	34.00	44.00	1.50	X
MW-76	W76SSA	12/07/2000	E314.0	PERCHLORATE	5.00		UG/L	18.00	28.00	1.50	X
MW-76	W76SSA	05/07/2001	E314.0	PERCHLORATE	7.00		UG/L	18.00	28.00	1.50	X
MW-76	W76SSA	08/10/2001	E314.0	PERCHLORATE	13.30		UG/L	18.00	28.00	1.50	X
MW-76	W76SSA	12/28/2001	E314.0	PERCHLORATE	41.20		UG/L	18.00	28.00	1.50	X
MW-76	W76SSA	04/24/2002	E314.0	PERCHLORATE	175.00		UG/L	18.00	28.00	1.50	X

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1997 THROUGH OCTOBER 2002

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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	W76M2A	04/24/2002	E314.0	PERCHLORATE	174.00		UG/L	38.00	48.00	1.50	X
MW-76	W76M1A	05/07/2001	E314.0	PERCHLORATE	8.00		UG/L	58.00	68.00	1.50	X
MW-76	W76M1A	08/13/2001	E314.0	PERCHLORATE	16.00		UG/L	58.00	68.00	1.50	X
MW-76	W76M1A	12/28/2001	E314.0	PERCHLORATE	30.60		UG/L	58.00	68.00	1.50	X
MW-76	W76M1A	04/24/2002	E314.0	PERCHLORATE	15.30		UG/L	58.00	68.00	1.50	X
MW-77	W77M2A	12/06/2000	E314.0	PERCHLORATE	28.00		UG/L	38.00	48.00	1.50	X
MW-77	W77M2A	05/10/2001	E314.0	PERCHLORATE	16.00	J	UG/L	38.00	48.00	1.50	X
MW-77	W77M2A	08/10/2001	E314.0	PERCHLORATE	13.90		UG/L	38.00	48.00	1.50	X
MW-77	W77M2A	12/26/2001	E314.0	PERCHLORATE	12.30		UG/L	38.00	48.00	1.50	X
MW-77	W77M2A	04/24/2002	E314.0	PERCHLORATE	8.01		UG/L	38.00	48.00	1.50	X
MW-77	W77M2A	08/07/2002	E314.0	PERCHLORATE	7.20	J	UG/L	38.00	48.00	1.50	X
MW-78	W78M2A	12/06/2000	E314.0	PERCHLORATE	19.00		UG/L	38.00	48.00	1.50	X
MW-78	W78M2A	05/10/2001	E314.0	PERCHLORATE	9.00	J	UG/L	38.00	48.00	1.50	X
MW-78	W78M2A	08/15/2001	E314.0	PERCHLORATE	11.40		UG/L	38.00	48.00	1.50	X
MW-78	W78M2A	12/28/2001	E314.0	PERCHLORATE	4.43		UG/L	38.00	48.00	1.50	X
MW-78	W78M2A	04/25/2002	E314.0	PERCHLORATE	4.75		UG/L	38.00	48.00	1.50	X
MW-78	W78M2A	08/20/2002	E314.0	PERCHLORATE	6.30	J	UG/L	38.00	48.00	1.50	X
MW-78	W78M1A	04/25/2002	E314.0	PERCHLORATE	2.07		UG/L	58.00	68.00	1.50	X
MW-78	W78M1A	08/20/2002	E314.0	PERCHLORATE	4.60	J	UG/L	58.00	68.00	1.50	X
MW-78	W78M1D	08/20/2002	E314.0	PERCHLORATE	3.00	J	UG/L	58.00	68.00	1.50	X
MW-80	W80M1A	08/20/2001	E314.0	PERCHLORATE	1.70	J	UG/L	86.00	96.00	1.50	X
MW-80	W80M1A	10/10/2001	E314.0	PERCHLORATE	1.50	J	UG/L	86.00	96.00	1.50	X
MW-80	W80M1A	12/20/2001	E314.0	PERCHLORATE	1.63	J	UG/L	86.00	96.00	1.50	X
MW-80	W80M1A	04/04/2002	E314.0	PERCHLORATE	2.26	J	UG/L	86.00	96.00	1.50	X
MW-80	W80M1D	06/08/2002	E314.0	PERCHLORATE	1.57		UG/L	86.00	96.00	1.50	X
MW-80	W80M1A	07/15/2002	E314.0	PERCHLORATE	1.55		UG/L	86.00	96.00	1.50	X
MW-91	W91SSA	01/20/2001	E314.0	PERCHLORATE	5.00	J	UG/L	0.00	10.00	1.50	X
MW-91	W91SSA	10/09/2001	E314.0	PERCHLORATE	3.22	J	UG/L	0.00	10.00	1.50	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-91	W91SSA	12/20/2001	E314.0	PERCHLORATE	3.83	J	UG/L	0.00	10.00	1.50	X
MW-91	W91SSA	05/20/2002	E314.0	PERCHLORATE	4.00		UG/L	0.00	10.00	1.50	X
MW-91	W91M1A	10/03/2001	E314.0	PERCHLORATE	1.50	J	UG/L	45.00	55.00	1.50	X
MW-91	W91M1A	11/29/2001	E314.0	PERCHLORATE	1.62	J	UG/L	45.00	55.00	1.50	X
MW-93	W93M2A	01/20/2001	E314.0	PERCHLORATE	2.00	J	UG/L	16.00	26.00	1.50	X
MW-93	W93M1A	01/20/2001	E314.0	PERCHLORATE	3.00	J	UG/L	56.00	66.00	1.50	X
MW-93	W93M1D	01/20/2001	E314.0	PERCHLORATE	2.00	J	UG/L	56.00	66.00	1.50	X
MW-93	W93M1A	10/03/2001	E314.0	PERCHLORATE	1.80	J	UG/L	56.00	66.00	1.50	X
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	0.00	10.00	1.50	X
OW-1	WOW-1A	05/21/2002	E314.0	PERCHLORATE	2.07	J	UG/L	0.00	10.00	1.50	X
OW-1	WOW-1D	05/21/2002	E314.0	PERCHLORATE	2.15	J	UG/L	0.00	10.00	1.50	X
OW-2	WOW-2A	05/21/2002	E314.0	PERCHLORATE	1.67	J	UG/L	48.78	58.78	1.50	X
OW-2	OW-2-A	08/30/2002	E314.0	PERCHLORATE	1.62		UG/L	48.78	58.78	1.50	X
OW-6	OW-6-A	08/30/2002	E314.0	PERCHLORATE	1.65		UG/L	46.80	56.80	1.50	X
OW-6	OW-6-D	08/30/2002	E314.0	PERCHLORATE	1.66		UG/L	46.80	56.80	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	77.79	79.79	2,000.00	X
95-15	W9515L	10/17/1997	IM40	ZINC	4,620.00		UG/L	77.79	79.79	2,000.00	X
LRMW0003	WL31XA	10/21/1997	IM40	ZINC	2,480.00		UG/L	69.68	94.68	2,000.00	X
LRMW0003	WL31XL	10/21/1997	IM40	ZINC	2,410.00		UG/L	69.68	94.68	2,000.00	X
LRWS4-1	WL41XA	11/24/1997	IM40	ZINC	3,220.00		UG/L	66.00	91.00	2,000.00	X
LRWS4-1	WL41XL	11/24/1997	IM40	ZINC	3,060.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51DL	11/25/1997	IM40	ZINC	4,410.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XA	11/25/1997	IM40	ZINC	4,510.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XD	11/25/1997	IM40	ZINC	4,390.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XL	11/25/1997	IM40	ZINC	3,900.00		UG/L	66.00	91.00	2,000.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
LRWS6-1	WL61XA	11/17/1997	IM40	ZINC	3,480.00		UG/L	184.00	199.00	2,000.00	X
LRWS6-1	WL61XL	11/17/1997	IM40	ZINC	2,600.00		UG/L	184.00	199.00	2,000.00	X
LRWS7-1	WL71XA	11/21/1997	IM40	ZINC	4,320.00		UG/L	186.00	201.00	2,000.00	X
LRWS7-1	WL71XL	11/21/1997	IM40	ZINC	3,750.00		UG/L	186.00	201.00	2,000.00	X
MW-1	W01SSA	09/07/1999	IM40MB	ANTIMONY	6.70	J	UG/L	0.00	10.00	6.00	X
MW-187	W187DDX	01/23/2002	IM40MB	ANTIMONY	6.00	J	UG/L	199.50	209.50	6.00	X
MW-3	W03DDL	03/06/1998	IM40MB	ANTIMONY	13.80	J	UG/L	219.00	224.00	6.00	X
MW-34	W34M2A	08/16/1999	IM40MB	ANTIMONY	6.60	J	UG/L	53.00	63.00	6.00	X
MW-35	W35SSA	08/19/1999	IM40MB	ANTIMONY	6.90	J	UG/L	0.00	10.00	6.00	X
MW-35	W35SSD	08/19/1999	IM40MB	ANTIMONY	13.80	J	UG/L	0.00	10.00	6.00	X
MW-36	W36SSA	08/17/1999	IM40MB	ANTIMONY	6.70	J	UG/L	0.00	10.00	6.00	X
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			15.00	X
MW-2	W02SSA	02/23/1998	IM40MB	LEAD	20.10		UG/L	0.00	10.00	15.00	X
MW-45	W45SSA	08/23/2001	IM40MB	LEAD	42.20		UG/L	0.00	10.00	15.00	X
MW-45	W45SSA	12/14/2001	IM40MB	LEAD	42.80		UG/L	0.00	10.00	15.00	X
MW-7	W07M1A	09/07/1999	IM40MB	LEAD	40.20		UG/L	135.00	140.00	15.00	X
MW-7	W07M1D	09/07/1999	IM40MB	LEAD	18.30		UG/L	135.00	140.00	15.00	X
MW-2	W02SSA	02/23/1998	IM40MB	MOLYBDENUM	72.10		UG/L	0.00	10.00	40.00	X
MW-2	W02SSL	02/23/1998	IM40MB	MOLYBDENUM	63.30		UG/L	0.00	10.00	40.00	X
MW-46	W46M2A	03/30/1999	IM40MB	MOLYBDENUM	48.90		UG/L	56.00	66.00	40.00	X
MW-46	W46M2L	03/30/1999	IM40MB	MOLYBDENUM	51.00		UG/L	56.00	66.00	40.00	X
MW-47	W47M3A	03/29/1999	IM40MB	MOLYBDENUM	43.10		UG/L	21.00	31.00	40.00	X
MW-47	W47M3L	03/29/1999	IM40MB	MOLYBDENUM	40.50		UG/L	21.00	31.00	40.00	X
MW-52	W52M3A	04/07/1999	IM40MB	MOLYBDENUM	72.60		UG/L	59.00	64.00	40.00	X

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LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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	05/24/2001	IM40MB	SODIUM	24,900.00		UG/L			20,000.00	X
ASPWELL	ASPWELL	09/27/2001	IM40MB	SODIUM	22,600.00		UG/L			20,000.00	X
ASPWELL	ASPWELL	12/19/2001	IM40MB	SODIUM	28,500.00		UG/L			20,000.00	X
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-145	W145SSA	06/28/2002	IM40MB	SODIUM	53,300.00		UG/L	0.00	10.00	20,000.00	X
MW-148	W148SSA	10/18/2001	IM40MB	SODIUM	23,500.00		UG/L	0.00	10.00	20,000.00	X
MW-187	W187DDA	01/23/2002	IM40MB	SODIUM	25,300.00		UG/L	199.50	209.50	20,000.00	X
MW-187	W187DDX	01/23/2002	IM40MB	SODIUM	25,200.00		UG/L	199.50	209.50	20,000.00	X
MW-187	W187DDA	07/11/2002	IM40MB	SODIUM	27,100.00		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 OCTOBER 2002

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-21	W21SSA	12/20/2001	IM40MB	SODIUM	26,400.00		UG/L	0.00	10.00	20,000.00	X
MW-46	W46SSA	08/25/1999	IM40MB	SODIUM	20,600.00		UG/L	0.00	10.00	20,000.00	X
MW-46	W46SSA	06/15/2000	IM40MB	SODIUM	32,200.00		UG/L	0.00	10.00	20,000.00	X
MW-46	W46SSA	09/12/2000	IM40MB	SODIUM	31,300.00		UG/L	0.00	10.00	20,000.00	X
MW-46	W46SSA	11/17/2000	IM40MB	SODIUM	22,500.00	J	UG/L	0.00	10.00	20,000.00	X
MW-46	W46M2A	03/30/1999	IM40MB	SODIUM	23,300.00		UG/L	56.00	66.00	20,000.00	X
MW-46	W46M2L	03/30/1999	IM40MB	SODIUM	24,400.00		UG/L	56.00	66.00	20,000.00	X
MW-54	W54SSA	08/27/1999	IM40MB	SODIUM	33,300.00		UG/L	0.00	10.00	20,000.00	X
MW-57	W57M2A	12/21/1999	IM40MB	SODIUM	23,500.00		UG/L	62.00	72.00	20,000.00	X
MW-57	W57M2A	03/22/2000	IM40MB	SODIUM	24,500.00		UG/L	62.00	72.00	20,000.00	X
MW-57	W57M2A	06/30/2000	IM40MB	SODIUM	25,900.00		UG/L	62.00	72.00	20,000.00	X
MW-57	W57M2A	08/29/2000	IM40MB	SODIUM	23,200.00		UG/L	62.00	72.00	20,000.00	X
MW-57	W57M1A	12/14/1999	IM40MB	SODIUM	23,700.00		UG/L	102.00	112.00	20,000.00	X
MW-57	W57M1A	03/07/2000	IM40MB	SODIUM	20,900.00		UG/L	102.00	112.00	20,000.00	X
MW-57	W57M1A	07/05/2000	IM40MB	SODIUM	22,200.00		UG/L	102.00	112.00	20,000.00	X
MW-57	W57M1A	08/29/2000	IM40MB	SODIUM	20,100.00		UG/L	102.00	112.00	20,000.00	X
SDW261160	WG160L	01/07/1998	IM40MB	SODIUM	20,600.00		UG/L	10.00	20.00	20,000.00	X
SDW261160	WG160A	01/13/1999	IM40MB	SODIUM	27,200.00		UG/L	10.00	20.00	20,000.00	X
SDW261160	WG160L	01/13/1999	IM40MB	SODIUM	28,200.00		UG/L	10.00	20.00	20,000.00	X
03MW0006	03MW0006	04/15/1999	IM40MB	THALLIUM	2.60	J	UG/L	0.00	10.00	2.00	X
03MW0022A	03MW0022A	04/16/1999	IM40MB	THALLIUM	3.90		UG/L	71.00	76.00	2.00	X
03MW0027A	03MW0027A	04/14/1999	IM40MB	THALLIUM	2.00	J	UG/L	64.00	69.00	2.00	X
11MW0004	11MW0004	04/16/1999	IM40MB	THALLIUM	2.30	J	UG/L	0.00	10.00	2.00	X
27MW0020Z	27MW0020Z	04/16/1999	IM40MB	THALLIUM	2.70	J	UG/L	98.00	103.00	2.00	X
90MW0038	90MW0038	04/21/1999	IM40MB	THALLIUM	4.40	J	UG/L	29.00	34.00	2.00	X
90WT0010	WF10XA	01/16/1998	IM40MB	THALLIUM	6.50	J	UG/L	2.00	12.00	2.00	X
LRWS1-4	WL14XA	01/06/1999	IM40MB	THALLIUM	5.20	J	UG/L	107.00	117.00	2.00	X
MW-1	W01SSA	09/07/1999	IM40MB	THALLIUM	2.90	J	UG/L	0.00	10.00	2.00	X
MW-127	W127SSA	11/15/2000	IM40MB	THALLIUM	2.40	J	UG/L	0.00	10.00	2.00	X
MW-132	W132SSA	02/16/2001	IM40MB	THALLIUM	2.10	J	UG/L	0.00	10.00	2.00	X
MW-145	W145SSA	10/18/2001	IM40MB	THALLIUM	4.80	J	UG/L	0.00	10.00	2.00	X
MW-150	W150SSA	03/07/2001	IM40MB	THALLIUM	2.20	J	UG/L	1.00	11.00	2.00	X
MW-18	W18SSA	03/12/1999	IM40MB	THALLIUM	2.30	J	UG/L	0.00	10.00	2.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-19	W19SSA	09/10/1999	IM40MB	THALLIUM	3.80	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	08/24/2001	IM40MB	THALLIUM	4.20	J	UG/L	0.00	10.00	2.00	X
MW-19	W19DDL	02/11/1999	IM40MB	THALLIUM	3.10	J	UG/L	254.00	259.00	2.00	X
MW-2	W02DDD	08/02/2000	IM40MB	THALLIUM	4.90	J	UG/L	218.00	223.00	2.00	X
MW-21	W21M2A	11/01/1999	IM40MB	THALLIUM	4.00	J	UG/L	58.00	68.00	2.00	X
MW-23	W23SSA	09/14/1999	IM40MB	THALLIUM	4.70	J	UG/L	0.00	10.00	2.00	X
MW-25	W25SSA	09/14/1999	IM40MB	THALLIUM	5.30	J	UG/L	0.00	10.00	2.00	X
MW-3	W03DDA	12/20/2000	IM40MB	THALLIUM	3.30		UG/L	219.00	224.00	2.00	X
MW-35	W35SSA	12/18/2000	IM40MB	THALLIUM	2.90	J	UG/L	0.00	10.00	2.00	X
MW-37	W37M2A	12/29/1999	IM40MB	THALLIUM	4.90	J	UG/L	26.00	36.00	2.00	X
MW-38	W38M4A	08/18/1999	IM40MB	THALLIUM	2.80	J	UG/L	14.00	24.00	2.00	X
MW-38	W38M2A	05/11/1999	IM40MB	THALLIUM	4.90	J	UG/L	69.00	79.00	2.00	X
MW-38	W38DDA	08/22/2001	IM40MB	THALLIUM	3.00	J	UG/L	124.00	134.00	2.00	X
MW-39	W39M1A	12/21/2000	IM40MB	THALLIUM	4.00		UG/L	84.00	94.00	2.00	X
MW-41	W41M2A	04/02/1999	IM40MB	THALLIUM	2.50	J	UG/L	67.00	77.00	2.00	X
MW-42	W42M2A	11/19/1999	IM40MB	THALLIUM	4.00	J	UG/L	118.00	128.00	2.00	X
MW-44	W44SSA	08/24/2001	IM40MB	THALLIUM	3.00	J	UG/L	0.00	10.00	2.00	X
MW-45	W45SSA	05/26/1999	IM40MB	THALLIUM	3.00	J	UG/L	0.00	10.00	2.00	X
MW-45	W45SSA	08/31/2000	IM40MB	THALLIUM	4.40	J	UG/L	0.00	10.00	2.00	X
MW-46	W46M1A	05/16/2000	IM40MB	THALLIUM	5.30	J	UG/L	103.00	113.00	2.00	X
MW-46	W46DDA	11/02/1999	IM40MB	THALLIUM	5.10	J	UG/L	136.00	146.00	2.00	X
MW-47	W47M3A	08/25/1999	IM40MB	THALLIUM	3.20	J	UG/L	21.00	31.00	2.00	X
MW-47	W47M3A	05/31/2000	IM40MB	THALLIUM	5.00	J	UG/L	21.00	31.00	2.00	X
MW-47	W47M2A	03/26/1999	IM40MB	THALLIUM	3.20	J	UG/L	38.00	48.00	2.00	X
MW-47	W47M2A	08/25/1999	IM40MB	THALLIUM	4.00	J	UG/L	38.00	48.00	2.00	X
MW-47	W47M2A	05/30/2000	IM40MB	THALLIUM	4.50	J	UG/L	38.00	48.00	2.00	X
MW-47	W47M1A	08/24/1999	IM40MB	THALLIUM	2.60	J	UG/L	75.00	85.00	2.00	X
MW-48	W48M3A	02/28/2000	IM40MB	THALLIUM	4.20	J	UG/L	31.00	41.00	2.00	X
MW-48	W48DAA	06/26/2000	IM40MB	THALLIUM	4.70	J	UG/L	121.00	131.00	2.00	X
MW-49	W49SSA	11/19/1999	IM40MB	THALLIUM	4.70	J	UG/L	0.00	10.00	2.00	X
MW-49	W49M3D	06/27/2000	IM40MB	THALLIUM	4.30	J	UG/L	31.00	41.00	2.00	X
MW-50	W50M1A	05/15/2000	IM40MB	THALLIUM	6.20	J	UG/L	89.00	99.00	2.00	X
MW-51	W51M3A	08/25/1999	IM40MB	THALLIUM	4.30	J	UG/L	28.00	38.00	2.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-52	W52SSA	08/26/1999	IM40MB	THALLIUM	3.60	J	UG/L	0.00	10.00	2.00	X
MW-52	W52SSA	11/18/1999	IM40MB	THALLIUM	4.30	J	UG/L	0.00	10.00	2.00	X
MW-52	W52SSA	05/23/2000	IM40MB	THALLIUM	4.70	J	UG/L	0.00	10.00	2.00	X
MW-52	W52M3L	04/07/1999	IM40MB	THALLIUM	3.60	J	UG/L	59.00	64.00	2.00	X
MW-52	W52DDA	04/02/1999	IM40MB	THALLIUM	2.80	J	UG/L	218.00	228.00	2.00	X
MW-52	W52DDL	04/02/1999	IM40MB	THALLIUM	2.60	J	UG/L	218.00	228.00	2.00	X
MW-52	W52DDA	08/30/1999	IM40MB	THALLIUM	3.80	J	UG/L	218.00	228.00	2.00	X
MW-53	W53M1A	11/05/1999	IM40MB	THALLIUM	3.40	J	UG/L	99.00	109.00	2.00	X
MW-54	W54SSA	11/08/1999	IM40MB	THALLIUM	7.40	J	UG/L	0.00	10.00	2.00	X
MW-54	W54SSA	06/06/2000	IM40MB	THALLIUM	4.60	J	UG/L	0.00	10.00	2.00	X
MW-54	W54SSA	11/15/2000	IM40MB	THALLIUM	3.10	J	UG/L	0.00	10.00	2.00	X
MW-54	W54M1A	08/30/1999	IM40MB	THALLIUM	2.80	J	UG/L	79.00	89.00	2.00	X
MW-54	W54M1A	11/05/1999	IM40MB	THALLIUM	3.90	J	UG/L	79.00	89.00	2.00	X
MW-55	W55M1A	08/31/1999	IM40MB	THALLIUM	2.50	J	UG/L	89.00	99.00	2.00	X
MW-56	W56SSA	09/05/2000	IM40MB	THALLIUM	4.00	J	UG/L	1.00	11.00	2.00	X
MW-56	W56M3A	09/05/2000	IM40MB	THALLIUM	6.10	J	UG/L	31.00	41.00	2.00	X
MW-56	W56M3D	09/05/2000	IM40MB	THALLIUM	4.40	J	UG/L	31.00	41.00	2.00	X
MW-57	W57M2A	03/22/2000	IM40MB	THALLIUM	4.10	J	UG/L	62.00	72.00	2.00	X
MW-58	W58SSA	05/11/2000	IM40MB	THALLIUM	7.30	J	UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	12/20/2000	IM40MB	THALLIUM	2.00	J	UG/L	0.00	10.00	2.00	X
MW-61	W61SSA	08/22/2001	IM40MB	THALLIUM	3.70	J	UG/L	0.00	10.00	2.00	X
MW-64	W64M1A	02/07/2000	IM40MB	THALLIUM	4.10	J	UG/L	38.00	48.00	2.00	X
MW-7	W07M2L	02/05/1998	IM40MB	THALLIUM	6.60	J	UG/L	65.00	70.00	2.00	X
MW-7	W07M2A	02/24/1999	IM40MB	THALLIUM	4.40	J	UG/L	65.00	70.00	2.00	X
MW-7	W07MMA	02/23/1999	IM40MB	THALLIUM	4.10	J	UG/L	135.00	140.00	2.00	X
MW-7	W07M1A	09/07/1999	IM40MB	THALLIUM	26.20		UG/L	135.00	140.00	2.00	X
MW-7	W07M1D	09/07/1999	IM40MB	THALLIUM	12.70		UG/L	135.00	140.00	2.00	X
MW-72	W72SSA	05/27/1999	IM40MB	THALLIUM	4.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	12/19/2000	IM40MB	THALLIUM	4.30		UG/L	0.00	10.00	2.00	X
MW-73	W73SSD	12/19/2000	IM40MB	THALLIUM	2.00	J	UG/L	0.00	10.00	2.00	X
MW-83	W83SSA	01/13/2000	IM40MB	THALLIUM	3.60	J	UG/L	0.00	10.00	2.00	X
MW-84	W84SSA	10/21/1999	IM40MB	THALLIUM	3.20	J	UG/L	17.00	27.00	2.00	X
MW-84	W84M3A	08/27/2001	IM40MB	THALLIUM	5.00	J	UG/L	42.00	52.00	2.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-84	W84DDA	08/23/2001	IM40MB	THALLIUM	4.00	J	UG/L	153.00	163.00	2.00	X
MW-94	W94M2A	01/11/2001	IM40MB	THALLIUM	2.00	J	UG/L	16.00	26.00	2.00	X
MW-94	W94M2A	10/02/2001	IM40MB	THALLIUM	2.30	J	UG/L	16.00	26.00	2.00	X
PPAWSMW-1	PPAWSMW-1	06/22/1999	IM40MB	THALLIUM	3.10	J	UG/L	0.00	10.00	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	100.00	2,000.00	X
LRWS5-1	WL51XA	01/25/1999	IM40MB	ZINC	3,980.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XL	01/25/1999	IM40MB	ZINC	3,770.00		UG/L	66.00	91.00	2,000.00	X
LRWS6-1	WL61XA	01/28/1999	IM40MB	ZINC	2,240.00		UG/L	184.00	199.00	2,000.00	X
LRWS6-1	WL61XL	01/28/1999	IM40MB	ZINC	2,200.00		UG/L	184.00	199.00	2,000.00	X
LRWS7-1	WL71XA	01/22/1999	IM40MB	ZINC	4,160.00		UG/L	186.00	201.00	2,000.00	X
LRWS7-1	WL71XL	01/22/1999	IM40MB	ZINC	4,100.00		UG/L	186.00	201.00	2,000.00	X
ASPWELL	ASPWELL	12/12/2000	IM40PB	LEAD	20.90		UG/L			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			6.00	X
11MW0003	WF143A	09/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	24.00		UG/L			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	10.00	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	0.00	5.00	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	100.00	6.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
97-1	W9701A	11/19/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	54.00	J	UG/L	62.00	72.00	6.00	X
97-1	W9701D	11/19/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	28.00	J	UG/L	62.00	72.00	6.00	X
97-2	W9702A	11/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	7.00		UG/L	53.00	63.00	6.00	X
97-3	W9703A	11/21/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	73.00	J	UG/L	36.00	46.00	6.00	X
97-5	W9705A	11/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	15.00		UG/L	76.00	86.00	6.00	X
BHW215083	WG083A	11/26/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	13.00		UG/L	16.95	26.95	6.00	X
LRWS1-4	WL14XA	10/06/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	78.00	J	UG/L	107.00	117.00	6.00	X
LRWS2-3	WL23XA	11/21/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	20.00	J	UG/L	68.00	83.00	6.00	X
LRWS2-6	WL26XA	10/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	21.00		UG/L	75.00	90.00	6.00	X
LRWS2-6	WL26XA	10/04/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	9.00	J	UG/L	75.00	90.00	6.00	X
LRWS4-1	WL41XA	11/24/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	100.00		UG/L	66.00	91.00	6.00	X
LRWS5-1	WL51XA	11/25/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	7.00		UG/L	66.00	91.00	6.00	X
MW-10	W10SSA	09/16/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	39.00		UG/L	0.00	10.00	6.00	X
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

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1997 THROUGH OCTOBER 2002

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MW-23	W23M3D	11/13/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	13.00		UG/L	34.00	39.00	6.00	X
MW-24	W24SSA	11/14/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	8.00		UG/L	0.00	10.00	6.00	X
MW-27	W27SSA	09/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	9.00		UG/L	0.00	10.00	6.00	X
MW-28	W28SSA	11/03/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	11.00		UG/L	0.00	10.00	6.00	X
MW-28	W28SSA	09/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	150.00	J	UG/L	0.00	10.00	6.00	X
MW-29	W29SSA	11/03/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	16.00		UG/L	0.00	10.00	6.00	X
MW-29	W29SSA	09/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	20.00		UG/L	0.00	10.00	6.00	X
MW-36	W36M2A	08/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	8.00		UG/L	54.00	64.00	6.00	X
MW-38	W38M3A	05/06/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	15.00		UG/L	52.00	62.00	6.00	X
MW-4	W04SSA	11/04/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	30.00		UG/L	0.00	10.00	6.00	X
MW-41	W41M2A	11/12/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	7.00		UG/L	67.00	77.00	6.00	X
MW-43	W43M1A	05/26/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	6.00		UG/L	90.00	100.00	6.00	X
MW-44	W44M1A	09/20/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	14.00		UG/L	53.00	63.00	6.00	X
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

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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 OCTOBER 2002

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-187	W187DDA	01/23/2002	OC21V	BENZENE	1,000.00		UG/L	199.50	209.50	5.00	X
MW-187	W187DDA	02/11/2002	OC21V	BENZENE	1,300.00		UG/L	199.50	209.50	5.00	X
MW-187	W187DDA	07/11/2002	OC21V	BENZENE	530.00	J	UG/L	199.50	209.50	5.00	X
02-12	W02-12M1A	06/12/2002	OC21V	CHLOROMETHANE	4.00		UG/L	58.35	68.35	3.00	X
MW-187	W187DDA	01/23/2002	OC21V	CHLOROMETHANE	75.00	J	UG/L	199.50	209.50	3.00	X
MW-187	W187DDA	02/11/2002	OC21V	CHLOROMETHANE	47.00	J	UG/L	199.50	209.50	3.00	X
03MW0007A	03MW0007A	04/13/1999	OC21V	TETRACHLOROETHYLENE(PC	6.00		UG/L	21.00	26.00	5.00	X
03MW0014A	03MW0014A	04/13/1999	OC21V	TETRACHLOROETHYLENE(PC	8.00		UG/L	38.00	43.00	5.00	X
03MW0020	03MW0020	04/14/1999	OC21V	TETRACHLOROETHYLENE(PC	12.00		UG/L	36.00	41.00	5.00	X
MW-45	W45SSA	11/16/1999	OC21V	TOLUENE	1,000.00		UG/L	0.00	10.00	1,000.00	X
MW-45	W45SSA	05/29/2000	OC21V	TOLUENE	1,100.00		UG/L	0.00	10.00	1,000.00	X
MW-45	W45SSA	12/27/2000	OC21V	TOLUENE	1,300.00		UG/L	0.00	10.00	1,000.00	X
MW-45	W45SSA	12/14/2001	OC21V	TOLUENE	1,300.00		UG/L	0.00	10.00	1,000.00	X
27MW0017B	27MW0017B	04/30/1999	OC21V	VINYL CHLORIDE	2.00		UG/L	21.00	26.00	2.00	X
PPAWSMW-1	PPAWSMW-1	06/22/1999	OL21P	DIELDRIN	3.00		UG/L	0.00	10.00	0.50	X
27MW0705	27MW0705	01/08/2002	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	7.50	J	UG/L	0.00	10.00	6.00	X
27MW2061	27MW2061	01/09/2002	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	12.00	J	UG/L	0.00	10.00	6.00	X
MW-142	W142M2A	01/29/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	11.00		UG/L	100.00	110.00	6.00	X
MW-142	W142M1A	01/29/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	20.00		UG/L	185.00	195.00	6.00	X
MW-146	W146M1A	02/23/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	8.40		UG/L	75.00	80.00	6.00	X
MW-146	W146M1A	06/19/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	8.20		UG/L	75.00	80.00	6.00	X
MW-157	W157DDA	05/03/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	8.10		UG/L	199.00	209.00	6.00	X
MW-158	W158M2A	10/15/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	34.00	J	UG/L	37.00	47.00	6.00	X
MW-168	W168M2A	06/05/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	9.00		UG/L	116.00	126.00	6.00	X
MW-168	W168M1A	06/04/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	6.70		UG/L	174.00	184.00	6.00	X
MW-188	W188M1A	01/30/2002	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	9.40		UG/L	41.10	51.10	6.00	X
MW-196	W196M1A	02/06/2002	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	10.00	J	UG/L	12.00	17.00	6.00	X
MW-28	W28M1A	01/12/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	9.70		UG/L	173.00	183.00	6.00	X
MW-55	W55DDA	07/31/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	6.40		UG/L	119.00	129.00	6.00	X
MW-82	W82DDA	08/22/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	24.00		UG/L	97.00	107.00	6.00	X
MW-187	W187DDA	01/23/2002	VPHMA	BENZENE	760.00	J	UG/L	199.50	209.50	5.00	X
MW-187	W187DDA	02/11/2002	VPHMA	BENZENE	1,300.00		UG/L	199.50	209.50	5.00	X
MW-187	W187DDA	02/11/2002	VPHMA	TERT-BUTYL METHYL ETHER	30.00		UG/L	199.50	209.50	20.00	X

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 9/24/02 - 10/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
4036000-03G	4036000-03G	10/22/2002	GROUNDWATER	50.00	60.00	6.00	12.00	E314.0	PERCHLORATE	
4036000-03G	4036000-03G	10/29/2002	GROUNDWATER	50.00	60.00	6.00	12.00	E314.0	PERCHLORATE	
90WT0013-A	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	2,4,6-TRINITROTOLUENE	NO
90WT0013-A	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	2,6-DINITROTOLUENE	NO
90WT0013-A	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	2-AMINO-4,6-DINITROTOLUENE	NO
90WT0013-A	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	2-NITROTOLUENE	NO
90WT0013-A	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	3-NITROTOLUENE	NO
90WT0013-A	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	4-AMINO-2,6-DINITROTOLUENE	NO
90WT0013-A	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	4-NITROTOLUENE	NO
90WT0013-A	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
90WT0013-A	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	HEXAHYDRO-1-MONONITROSO-	YES*
90WT0013-A	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	NITROGLYCERIN	NO
90WT0013-A	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	PICRIC ACID	NO
90WT0013-D	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	2,4,6-TRINITROTOLUENE	NO
90WT0013-D	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	2,6-DINITROTOLUENE	NO
90WT0013-D	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	2-AMINO-4,6-DINITROTOLUENE	NO
90WT0013-D	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	2-NITROTOLUENE	NO
90WT0013-D	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	3-NITROTOLUENE	NO
90WT0013-D	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	4-AMINO-2,6-DINITROTOLUENE	NO
90WT0013-D	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	4-NITROTOLUENE	NO
90WT0013-D	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
90WT0013-D	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	NITROGLYCERIN	NO
90WT0013-D	90WT0013	10/09/2002	GROUNDWATER	92.00	102.00	0.00	10.00	8330NX	PICRIC ACID	NO
G246DAA	MW-246	10/30/2002	GROUNDWATER	65.00	65.00	2.30	2.30	8330N	NITROGLYCERIN	
G246DAA	MW-246	10/30/2002	GROUNDWATER	65.00	65.00	2.30	2.30	OC21V	ACETONE	
G246DAA	MW-246	10/30/2002	GROUNDWATER	65.00	65.00	2.30	2.30	OC21V	CARBON DISULFIDE	
G246DAA	MW-246	10/30/2002	GROUNDWATER	65.00	65.00	2.30	2.30	OC21V	METHYL ETHYL KETONE (2-BUT/	
G246DCA	MW-246	10/30/2002	GROUNDWATER	80.00	80.00	17.30	17.30	8330N	NITROGLYCERIN	
G246DCA	MW-246	10/30/2002	GROUNDWATER	80.00	80.00	17.30	17.30	OC21V	CHLOROFORM	
G246DCA	MW-246	10/30/2002	GROUNDWATER	80.00	80.00	17.30	17.30	OC21V	METHYL ETHYL KETONE (2-BUT/	
G246DDA	MW-246	10/30/2002	GROUNDWATER	90.00	90.00	27.30	27.30	OC21V	CHLOROFORM	
G246DDA	MW-246	10/30/2002	GROUNDWATER	90.00	90.00	27.30	27.30	OC21V	METHYL ETHYL KETONE (2-BUT/	

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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 9/24/02 - 10/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G246DEA	MW-246	10/30/2002	GROUNDWATER	100.00	100.00	37.30	37.30	E314.0	PERCHLORATE	
G246DEA	MW-246	10/30/2002	GROUNDWATER	100.00	100.00	37.30	37.30	OC21V	CHLOROFORM	
G246DFA	MW-246	10/30/2002	GROUNDWATER	110.00	110.00	47.30	47.30	8330N	NITROGLYCERIN	
G246DFA	MW-246	10/30/2002	GROUNDWATER	110.00	110.00	47.30	47.30	OC21V	CHLOROFORM	
G246DFD	MW-246	10/30/2002	GROUNDWATER	110.00	110.00	47.30	47.30	8330N	NITROGLYCERIN	
G246DFD	MW-246	10/30/2002	GROUNDWATER	110.00	110.00	47.30	47.30	OC21V	CHLOROFORM	
G246DGA	MW-246	10/30/2002	GROUNDWATER	120.00	120.00	57.30	57.30	OC21V	CHLOROFORM	
G246DHA	MW-246	10/30/2002	GROUNDWATER	130.00	130.00	67.30	67.30	OC21V	CHLOROFORM	
G246DIA	MW-246	10/31/2002	GROUNDWATER	140.00	140.00	77.30	77.30	OC21V	CHLOROFORM	
G246DLA	MW-246	10/31/2002	GROUNDWATER	170.00	170.00	107.30	107.30	OC21V	CHLOROFORM	
G246DMA	MW-246	10/31/2002	GROUNDWATER	180.00	180.00	117.30	117.30	OC21V	CHLOROFORM	
G246DNA	MW-246	10/31/2002	GROUNDWATER	190.00	190.00	127.30	127.30	OC21V	CHLOROFORM	
G246DOA	MW-246	10/31/2002	GROUNDWATER	200.00	200.00	137.30	137.30	8330N	1,3,5-TRINITROBENZENE	
G246DOA	MW-246	10/31/2002	GROUNDWATER	200.00	200.00	137.30	137.30	8330N	2,6-DINITROTOLUENE	
G246DOA	MW-246	10/31/2002	GROUNDWATER	200.00	200.00	137.30	137.30	8330N	NITROGLYCERIN	
G246DOA	MW-246	10/31/2002	GROUNDWATER	200.00	200.00	137.30	137.30	8330N	PICRIC ACID	
G246DOA	MW-246	10/31/2002	GROUNDWATER	200.00	200.00	137.30	137.30	OC21V	ACETONE	
G246DOA	MW-246	10/31/2002	GROUNDWATER	200.00	200.00	137.30	137.30	OC21V	CARBON DISULFIDE	
G246DOA	MW-246	10/31/2002	GROUNDWATER	200.00	200.00	137.30	137.30	OC21V	METHYL ETHYL KETONE (2-BUT/	
G246DPA	MW-246	10/31/2002	GROUNDWATER	210.00	210.00	147.30	147.30	8330N	2,6-DINITROTOLUENE	
G246DPA	MW-246	10/31/2002	GROUNDWATER	210.00	210.00	147.30	147.30	8330N	NITROGLYCERIN	
G246DPA	MW-246	10/31/2002	GROUNDWATER	210.00	210.00	147.30	147.30	8330N	PICRIC ACID	
G246DPA	MW-246	10/31/2002	GROUNDWATER	210.00	210.00	147.30	147.30	OC21V	ACETONE	
G246DPA	MW-246	10/31/2002	GROUNDWATER	210.00	210.00	147.30	147.30	OC21V	CARBON DISULFIDE	
G246DPA	MW-246	10/31/2002	GROUNDWATER	210.00	210.00	147.30	147.30	OC21V	CHLOROFORM	
G246DQA	MW-246	10/31/2002	GROUNDWATER	220.00	220.00	157.30	157.30	OC21V	ACETONE	
G246DQA	MW-246	10/31/2002	GROUNDWATER	220.00	220.00	157.30	157.30	OC21V	CHLOROFORM	
G246DRA	MW-246	10/31/2002	GROUNDWATER	230.00	230.00	167.30	167.30	8330N	NITROGLYCERIN	
G246DRA	MW-246	10/31/2002	GROUNDWATER	230.00	230.00	167.30	167.30	OC21V	ACETONE	
G246DRA	MW-246	10/31/2002	GROUNDWATER	230.00	230.00	167.30	167.30	OC21V	CHLOROFORM	
G247DAA	MW-247	10/31/2002	GROUNDWATER	30.00	30.00	6.39	6.39	8330N	2,6-DINITROTOLUENE	
G247DAA	MW-247	10/31/2002	GROUNDWATER	30.00	30.00	6.39	6.39	8330N	3-NITROTOLUENE	

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(UNVALIDATED)
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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G247DAA	MW-247	10/31/2002	GROUNDWATER	30.00	30.00	6.39	6.39	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	
G247DAA	MW-247	10/31/2002	GROUNDWATER	30.00	30.00	6.39	6.39	8330N	NITROGLYCERIN	
G247DAA	MW-247	10/31/2002	GROUNDWATER	30.00	30.00	6.39	6.39	OC21V	ACETONE	
G247DAA	MW-247	10/31/2002	GROUNDWATER	30.00	30.00	6.39	6.39	OC21V	CHLOROFORM	
G247DAA	MW-247	10/31/2002	GROUNDWATER	30.00	30.00	6.39	6.39	OC21V	METHYL ETHYL KETONE (2-BUT/	
G247DBA	MW-247	10/31/2002	GROUNDWATER	40.00	40.00	16.39	16.39	8330N	NITROGLYCERIN	
G247DBA	MW-247	10/31/2002	GROUNDWATER	40.00	40.00	16.39	16.39	OC21V	ACETONE	
G247DBA	MW-247	10/31/2002	GROUNDWATER	40.00	40.00	16.39	16.39	OC21V	CHLOROFORM	
G247DBA	MW-247	10/31/2002	GROUNDWATER	40.00	40.00	16.39	16.39	OC21V	METHYL ETHYL KETONE (2-BUT/	
G247DCA	MW-247	10/31/2002	GROUNDWATER	50.00	50.00	26.39	26.39	OC21V	ACETONE	
G247DCA	MW-247	10/31/2002	GROUNDWATER	50.00	50.00	26.39	26.39	OC21V	CHLOROFORM	
G247DCA	MW-247	10/31/2002	GROUNDWATER	50.00	50.00	26.39	26.39	OC21V	METHYL ETHYL KETONE (2-BUT/	
G247DDA	MW-247	10/31/2002	GROUNDWATER	60.00	60.00	36.39	36.39	OC21V	ACETONE	
G247DDA	MW-247	10/31/2002	GROUNDWATER	60.00	60.00	36.39	36.39	OC21V	CHLOROFORM	
G247DDA	MW-247	10/31/2002	GROUNDWATER	60.00	60.00	36.39	36.39	OC21V	METHYL ETHYL KETONE (2-BUT/	
G247DEA	MW-247	10/31/2002	GROUNDWATER	70.00	70.00	46.39	46.39	OC21V	ACETONE	
G247DEA	MW-247	10/31/2002	GROUNDWATER	70.00	70.00	46.39	46.39	OC21V	CHLOROFORM	
G247DEA	MW-247	10/31/2002	GROUNDWATER	70.00	70.00	46.39	46.39	OC21V	METHYL ETHYL KETONE (2-BUT/	
G247DFA	MW-247	10/31/2002	GROUNDWATER	80.00	80.00	56.39	56.39	8330N	NITROGLYCERIN	
G247DFA	MW-247	10/31/2002	GROUNDWATER	80.00	80.00	56.39	56.39	8330N	PICRIC ACID	
G247DFA	MW-247	10/31/2002	GROUNDWATER	80.00	80.00	56.39	56.39	OC21V	ACETONE	
G247DFA	MW-247	10/31/2002	GROUNDWATER	80.00	80.00	56.39	56.39	OC21V	CHLOROFORM	
G247DFA	MW-247	10/31/2002	GROUNDWATER	80.00	80.00	56.39	56.39	OC21V	METHYL ETHYL KETONE (2-BUT/	
G247DGA	MW-247	10/31/2002	GROUNDWATER	90.00	90.00	66.39	66.39	OC21V	ACETONE	
G247DGA	MW-247	10/31/2002	GROUNDWATER	90.00	90.00	66.39	66.39	OC21V	CHLOROFORM	
G247DGA	MW-247	10/31/2002	GROUNDWATER	90.00	90.00	66.39	66.39	OC21V	METHYL ETHYL KETONE (2-BUT/	
G247DGD	MW-247	10/31/2002	GROUNDWATER	90.00	90.00	66.39	66.39	OC21V	ACETONE	
G247DGD	MW-247	10/31/2002	GROUNDWATER	90.00	90.00	66.39	66.39	OC21V	CHLOROFORM	
G247DGD	MW-247	10/31/2002	GROUNDWATER	90.00	90.00	66.39	66.39	OC21V	METHYL ETHYL KETONE (2-BUT/	
G247DHA	MW-247	10/31/2002	GROUNDWATER	100.00	100.00	76.39	76.39	OC21V	ACETONE	
G247DHA	MW-247	10/31/2002	GROUNDWATER	100.00	100.00	76.39	76.39	OC21V	CHLOROFORM	
G247DHA	MW-247	10/31/2002	GROUNDWATER	100.00	100.00	76.39	76.39	OC21V	METHYL ETHYL KETONE (2-BUT/	

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G247DIA	MW-247	10/31/2002	GROUNDWATER	110.00	110.00	86.39	86.39	E314.0	PERCHLORATE	
G247DIA	MW-247	10/31/2002	GROUNDWATER	110.00	110.00	86.39	86.39	OC21V	ACETONE	
G247DIA	MW-247	10/31/2002	GROUNDWATER	110.00	110.00	86.39	86.39	OC21V	CHLOROFORM	
G247DIA	MW-247	10/31/2002	GROUNDWATER	110.00	110.00	86.39	86.39	OC21V	METHYL ETHYL KETONE (2-BUT/	
M-1B-A	M-1	10/21/2002	GROUNDWATER		45.00		3.54	OC21V	CHLOROFORM	
M-1C-A	M-1	10/21/2002	GROUNDWATER		55.00		10.54	OC21V	CHLOROFORM	
M-1D-A	M-1	10/21/2002	GROUNDWATER		65.00		20.43	OC21V	CHLOROFORM	
M-2B-A	M-2	10/16/2002	GROUNDWATER		65.00	4.25	4.25	OC21V	CHLOROFORM	
M-2C-A	M-2	10/16/2002	GROUNDWATER		75.00	14.25	14.25	OC21V	CHLOROFORM	
M-2D-A	M-2	10/16/2002	GROUNDWATER		85.00	24.25	24.25	OC21V	CHLOROFORM	
M-3B-A	M-3	10/14/2002	GROUNDWATER		65.00		5.43	OC21V	CHLOROFORM	
M-3C-A	M-3	10/14/2002	GROUNDWATER		75.00		15.43	OC21V	CHLOROFORM	
M-3D-A	M-3	10/14/2002	GROUNDWATER		85.00		25.43	OC21V	CHLOROFORM	
M-4B-A	M-4	10/24/2002	GROUNDWATER		69.00	8.11	8.11	OC21V	CHLOROFORM	
M-4C-A	M-4	10/24/2002	GROUNDWATER		79.00	18.11	18.11	OC21V	CHLOROFORM	
M-4D-A	M-4	10/24/2002	GROUNDWATER		89.00	28.11	28.11	OC21V	CHLOROFORM	
M-5B-A	M-5	10/21/2002	GROUNDWATER		65.00		7.00	OC21V	CHLOROFORM	
M-5C-A	M-5	10/21/2002	GROUNDWATER		75.00		17.00	OC21V	CHLOROFORM	
M-5D-A	M-5	10/21/2002	GROUNDWATER		85.00		27.00	OC21V	CHLOROFORM	
M-6B-A	M-6	10/16/2002	GROUNDWATER		59.00		6.92	OC21V	CHLOROFORM	
M-6C-A	M-6	10/16/2002	GROUNDWATER		69.00		20.54	E314.0	PERCHLORATE	
M-6C-A	M-6	10/16/2002	GROUNDWATER		69.00		20.54	OC21V	CHLOROFORM	
M-7B-A	M-7	10/17/2002	GROUNDWATER		55.00	2.16	2.16	OC21V	CHLOROFORM	
M-7C-A	M-7	10/17/2002	GROUNDWATER		65.00	8.16	8.16	OC21V	1,2,4-TRICHLOROBENZENE	
M-7C-A	M-7	10/17/2002	GROUNDWATER		65.00	8.16	8.16	OC21V	CHLOROFORM	
M-7D-A	M-7	10/14/2002	GROUNDWATER		75.00		18.16	OC21V	CHLOROFORM	
OW00-1D-A	00-1D	10/29/2002	GROUNDWATER	91.00	97.00	48.30	54.30	OC21V	CHLOROFORM	
OW00-1D-A	00-1D	10/29/2002	GROUNDWATER	91.00	97.00	48.30	54.30	OC21V	TRICHLOROETHYLENE (TCE)	
SPRING1-A	SPRING1	10/11/2002	GROUNDWATER			0.00	0.00	OC21V	CHLOROFORM	
TW00-1-A	00-1	10/24/2002	GROUNDWATER	64.00	70.00	64.00	70.00	E314.0	PERCHLORATE	
TW00-1-A	00-1	10/24/2002	GROUNDWATER	64.00	70.00	64.00	70.00	OC21V	CHLOROFORM	
TW00-2D-A	00-2	10/25/2002	GROUNDWATER	71.00	77.00	43.95	49.95	8330N	2,6-DINITROTOLUENE	YES

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TW00-2D-A	00-2	10/25/2002	GROUNDWATER	71.00	77.00	43.95	49.95	8330N	NITROGLYCERIN	NO
TW00-2D-A	00-2	10/25/2002	GROUNDWATER	71.00	77.00	43.95	49.95	OC21V	CHLOROFORM	
TW00-2D-A	00-2	10/25/2002	GROUNDWATER	71.00	77.00	43.95	49.95	OC21V	TRICHLOROETHYLENE (TCE)	
TW00-2S-A	00-2	10/25/2002	GROUNDWATER	29.00	35.00	1.17	7.17	OC21V	ACETONE	
TW00-2S-A	00-2	10/25/2002	GROUNDWATER	29.00	35.00	1.17	7.17	OC21V	CHLOROFORM	
TW00-4DA-A	00-4D	10/31/2002	GROUNDWATER		85.00		55.60	OC21V	CHLOROFORM	
TW00-4DA-A	00-4D	10/31/2002	GROUNDWATER		85.00		55.60	OC21V	CHLOROMETHANE	
TW00-4DB-A	00-4D	10/31/2002	GROUNDWATER		75.00		45.60	OC21V	CHLOROFORM	
TW00-5-A	00-5	10/23/2002	GROUNDWATER	50.00	56.00	15.50	21.50	OC21V	CHLOROFORM	
TW00-6-A	00-6	10/23/2002	GROUNDWATER	36.00	42.00	9.60	15.60	OC21V	CHLOROFORM	
TW00-7-A	00-7	10/23/2002	GROUNDWATER	57.00	63.00	25.50	31.50	OC21V	CHLOROFORM	
TW01-1-A	01-1	10/23/2002	GROUNDWATER	62.00	67.00	55.21	60.21	E314.0	PERCHLORATE	
TW01-2-A	01-2	10/22/2002	GROUNDWATER	50.00	56.00	24.50	30.50	E314.0	PERCHLORATE	
TW1-88A-A	1-88	10/01/2002	GROUNDWATER		102.90	0.00	67.40	E314.0	PERCHLORATE	
TW1-88AA	1-88	10/29/2002	GROUNDWATER		102.90	0.00	67.40	E314.0	PERCHLORATE	
TW1-88B-A	1-88	10/23/2002	GROUNDWATER		105.50	0.00	69.60	E314.0	PERCHLORATE	
W02-01M1A	02-01	10/18/2002	GROUNDWATER	95.00	105.00	42.90	52.90	OC21V	CHLOROFORM	
W02-01M2A	02-01	10/18/2002	GROUNDWATER	83.00	93.00	30.90	40.90	OC21V	CHLOROFORM	
W02-02M2A	02-02	10/05/2002	GROUNDWATER	94.50	104.50	42.65	55.65	E314.0	PERCHLORATE	
W02-02M2D	02-02	10/05/2002	GROUNDWATER	94.50	104.50	42.65	55.65	E314.0	PERCHLORATE	
W02-03M1A	02-03	10/18/2002	GROUNDWATER	130.00	140.00	86.10	96.10	OC21V	CHLOROFORM	
W02-03M2A	02-03	10/18/2002	GROUNDWATER	92.00	102.00	48.15	58.15	OC21V	CHLOROFORM	
W02-03M3A	02-03	10/18/2002	GROUNDWATER	75.00	85.00	31.05	41.05	OC21V	CHLOROFORM	
W02-04M1A	02-04	10/24/2002	GROUNDWATER	123.00	133.00	73.97	83.97	OC21V	CHLOROFORM	
W02-04M1A	02-04	10/24/2002	GROUNDWATER	123.00	133.00	73.97	83.97	OC21V	TRICHLOROETHYLENE (TCE)	
W02-04M2A	02-04	10/25/2002	GROUNDWATER	98.00	108.00	48.93	58.93	OC21V	CHLOROFORM	
W02-04M2A	02-04	10/25/2002	GROUNDWATER	98.00	108.00	48.93	58.93	OC21V	TRICHLOROETHYLENE (TCE)	
W02-04M3A	02-04	10/25/2002	GROUNDWATER	83.00	93.00	34.01	44.01	OC21V	CHLOROFORM	
W02-05M1A	02-05	10/18/2002	GROUNDWATER	110.00	120.00	81.44	91.44	E314.0	PERCHLORATE	
W02-05M1A	02-05	10/18/2002	GROUNDWATER	110.00	120.00	81.44	91.44	OC21V	CHLOROFORM	
W02-05M2A	02-05	10/21/2002	GROUNDWATER	92.00	102.00	63.41	73.41	E314.0	PERCHLORATE	
W02-05M2A	02-05	10/21/2002	GROUNDWATER	92.00	102.00	63.41	73.41	OC21V	CHLOROFORM	

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W02-05M3A	02-05	10/21/2002	GROUNDWATER	70.00	80.00	41.37	51.37	E314.0	PERCHLORATE	
W02-05M3A	02-05	10/21/2002	GROUNDWATER	70.00	80.00	41.37	51.37	OC21V	CHLOROFORM	
W02-07M1A	02-07	10/30/2002	GROUNDWATER	135.00	145.00	101.14	111.14	OC21V	CHLOROFORM	
W02-07M2A	02-07	10/30/2002	GROUNDWATER	107.00	117.00	72.86	82.86	OC21V	CHLOROFORM	
W02-07M3A	02-07	09/30/2002	GROUNDWATER	47.00	57.00	13.00	23.00	E314.0	PERCHLORATE	
W02-07M3A	02-07	10/30/2002	GROUNDWATER	47.00	57.00	13.00	23.00	E314.0	PERCHLORATE	
W02-07M3A	02-07	10/30/2002	GROUNDWATER	47.00	57.00	13.00	23.00	OC21V	CHLOROFORM	
W02-08M2A	02-08	09/27/2002	GROUNDWATER	82.00	87.00	60.65	65.65	E314.0	PERCHLORATE	
W02-08M2A	02-08	10/31/2002	GROUNDWATER	82.00	87.00	60.65	65.65	E314.0	PERCHLORATE	
W02-08M2A	02-08	10/31/2002	GROUNDWATER	82.00	87.00	60.65	65.65	OC21V	CHLOROFORM	
W02-08M3A	02-08	09/28/2002	GROUNDWATER	62.00	67.00	40.58	45.58	E314.0	PERCHLORATE	
W02-08M3A	02-08	10/31/2002	GROUNDWATER	62.00	67.00	40.58	45.58	E314.0	PERCHLORATE	
W02-08M3A	02-08	10/31/2002	GROUNDWATER	62.00	67.00	40.58	45.58	OC21V	CHLOROFORM	
W02-09M1A	02-09	09/27/2002	GROUNDWATER	74.00	84.00	65.26	75.26	E314.0	PERCHLORATE	
W02-09M2A	02-09	09/27/2002	GROUNDWATER	59.00	69.00	50.30	60.30	E314.0	PERCHLORATE	
W02-10M1A	02-10	10/25/2002	GROUNDWATER	135.00	145.00	94.00	104.00	OC21V	CHLOROFORM	
W02-10M2A	02-10	10/25/2002	GROUNDWATER	110.00	120.00	68.61	78.61	OC21V	CHLOROFORM	
W02-10M3A	02-10	10/28/2002	GROUNDWATER	85.00	95.00	43.65	53.65	OC21V	CHLOROFORM	
W02-10M3D	02-10	10/28/2002	GROUNDWATER	85.00	95.00	43.65	53.65	OC21V	CHLOROFORM	
W02-12M1A	02-12	10/08/2002	GROUNDWATER	109.00	119.00	58.35	68.35	OC21V	CHLOROFORM	
W02-12M1A	02-12	10/29/2002	GROUNDWATER	109.00	119.00	58.35	68.35	OC21V	CHLOROFORM	
W02-12M1D	02-12	10/08/2002	GROUNDWATER	109.00	119.00	58.35	68.35	OC21V	CHLOROFORM	
W02-12M2A	02-12	10/22/2002	GROUNDWATER	94.00	104.00	43.21	53.21	OC21V	CHLOROFORM	
W02-12M2A	02-12	10/29/2002	GROUNDWATER	94.00	104.00	43.21	53.21	OC21V	CHLOROFORM	
W02-12M3A	02-12	10/22/2002	GROUNDWATER	79.00	89.00	28.22	38.22	OC21V	CHLOROFORM	
W02-12M3A	02-12	10/29/2002	GROUNDWATER	79.00	89.00	28.22	38.22	OC21V	CHLOROFORM	
W02-13M1A	02-13	10/22/2002	GROUNDWATER	98.00	108.00	58.33	68.33	E314.0	PERCHLORATE	
W02-13M1A	02-13	10/30/2002	GROUNDWATER	98.00	108.00	58.33	68.33	E314.0	PERCHLORATE	
W02-13M2A	02-13	10/01/2002	GROUNDWATER	83.00	93.00	44.20	54.20	E314.0	PERCHLORATE	
W02-13M2A	02-13	10/08/2002	GROUNDWATER	83.00	93.00	44.20	54.20	E314.0	PERCHLORATE	
W02-13M2A	02-13	10/15/2002	GROUNDWATER	83.00	93.00	44.20	54.20	E314.0	PERCHLORATE	
W02-13M2A	02-13	10/30/2002	GROUNDWATER	83.00	93.00	44.20	54.20	E314.0	PERCHLORATE	

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W02-13M3A	02-13	10/01/2002	GROUNDWATER	68.00	78.00	28.30	38.30	E314.0	PERCHLORATE	
W02-13M3A	02-13	10/15/2002	GROUNDWATER	68.00	78.00	28.30	38.30	E314.0	PERCHLORATE	
W02-13M3A	02-13	10/22/2002	GROUNDWATER	68.00	78.00	28.30	38.30	E314.0	PERCHLORATE	
W132SSA	MW-132	09/20/2002	GROUNDWATER	37.00	47.00	0.00	10.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W135M2A	MW-135	09/23/2002	GROUNDWATER	280.00	290.00	94.00	104.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W140M1A	MW-140	09/24/2002	GROUNDWATER	107.50	117.00	19.00	29.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
W140M1A	MW-140	09/24/2002	GROUNDWATER	107.50	117.00	19.00	29.00	8330N	NITROGLYCERIN	NO
W153M1A	MW-153	09/30/2002	GROUNDWATER	199.00	209.00	108.00	118.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W157M2A	MW-157	09/30/2002	GROUNDWATER	110.00	120.00	100.00	110.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W166M3A	MW-166	10/04/2002	GROUNDWATER	125.00	135.00	19.00	29.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W166M3D	MW-166	10/04/2002	GROUNDWATER	125.00	135.00	19.00	29.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W171M2A	MW-171	09/20/2002	GROUNDWATER	81.00	86.00	83.00	88.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W187M1A	MW-187	10/16/2002	GROUNDWATER	160.00	170.00	51.30	61.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W187M1A	MW-187	10/16/2002	GROUNDWATER	160.00	170.00	51.30	61.30	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W18M1A	MW-18	09/30/2002	GROUNDWATER	171.00	176.00	128.00	133.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W190M1A	MW-190	10/15/2002	GROUNDWATER	145.00	155.00	44.32	54.32	8330N	2,4,6-TRINITROTOLUENE	YES*
W191M1A	MW-191	10/21/2002	GROUNDWATER	137.00	142.00	25.20	30.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W191M2A	MW-191	10/21/2002	GROUNDWATER	120.00	130.00	8.40	18.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W191M2A	MW-191	10/21/2002	GROUNDWATER	120.00	130.00	8.40	18.40	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W191SSA	MW-191	10/21/2002	GROUNDWATER	106.00	116.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W191SSA	MW-191	10/21/2002	GROUNDWATER	106.00	116.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W196SSA	MW-196	10/24/2002	GROUNDWATER	32.00	37.00	0.00	5.00	8330N	1,3,5-TRINITROBENZENE	YES
W196SSA	MW-196	10/24/2002	GROUNDWATER	32.00	37.00	0.00	5.00	8330N	2,4,6-TRINITROTOLUENE	YES
W196SSA	MW-196	10/24/2002	GROUNDWATER	32.00	37.00	0.00	5.00	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W196SSA	MW-196	10/24/2002	GROUNDWATER	32.00	37.00	0.00	5.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W196SSA	MW-196	10/24/2002	GROUNDWATER	32.00	37.00	0.00	5.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
W196SSA	MW-196	10/24/2002	GROUNDWATER	32.00	37.00	0.00	5.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W206M1A	MW-206	10/15/2002	GROUNDWATER	178.50	188.50	19.57	29.57	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W206M1A	MW-206	10/15/2002	GROUNDWATER	178.50	188.50	19.57	29.57	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W207M1A	MW-207	10/18/2002	GROUNDWATER	254.00	264.00	100.52	110.52	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W207M2A	MW-207	10/18/2002	GROUNDWATER	224.00	234.00	79.33	89.33	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W213M1A	MW-213	10/10/2002	GROUNDWATER	133.00	143.00	85.01	95.01	OC21V	CHLOROFORM	

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W213M2A	MW-213	10/10/2002	GROUNDWATER	89.00	99.00	41.15	51.15	E314.0	PERCHLORATE	
W213M2A	MW-213	10/10/2002	GROUNDWATER	89.00	99.00	41.15	51.15	OC21V	CHLOROFORM	
W213M3A	MW-213	10/16/2002	GROUNDWATER	77.00	82.00	29.38	34.38	E314.0	PERCHLORATE	
W217M1A	MW-217	10/17/2002	GROUNDWATER	148.00	153.00	143.00	148.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W217M2A	MW-217	10/14/2002	GROUNDWATER	138.00	143.00	133.00	138.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W218M2A	MW-218	10/15/2002	GROUNDWATER	98.00	103.00	93.00	98.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W218M2A	MW-218	10/15/2002	GROUNDWATER	98.00	103.00	93.00	98.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W218M3A	MW-218	10/15/2002	GROUNDWATER	78.00	83.00	73.00	78.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W218M3A	MW-218	10/15/2002	GROUNDWATER	78.00	83.00	73.00	78.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W219M1A	MW-219	10/21/2002	GROUNDWATER	357.00	367.00	178.00	188.00	OC21V	CHLOROFORM	
W219M2A	MW-219	10/21/2002	GROUNDWATER	332.00	342.00	153.05	163.05	OC21V	CHLOROFORM	
W219M3A	MW-219	10/21/2002	GROUNDWATER	315.00	325.00	135.80	145.80	OC21V	CHLOROFORM	
W219M3D	MW-219	10/21/2002	GROUNDWATER	315.00	325.00	135.80	145.80	OC21V	CHLOROFORM	
W219M4A	MW-219	10/21/2002	GROUNDWATER	225.00	235.00	45.70	55.70	OC21V	CHLOROFORM	
W226M1A	MW-226	10/11/2002	GROUNDWATER	285.00	295.00	172.00	182.00	OC21V	CHLOROFORM	
W226M2A	MW-226	10/11/2002	GROUNDWATER	175.00	185.00	61.70	71.70	E314.0	PERCHLORATE	
W226M2A	MW-226	10/11/2002	GROUNDWATER	175.00	185.00	61.70	71.70	OC21V	CHLOROFORM	
W226M3A	MW-226	10/10/2002	GROUNDWATER	135.00	145.00	21.53	31.53	E314.0	PERCHLORATE	
W226M3A	MW-226	10/10/2002	GROUNDWATER	135.00	145.00	21.53	31.53	OC21V	CHLOROFORM	
W233M1A	MW-233	10/03/2002	GROUNDWATER	356.00	366.00	157.80	167.80	OC21V	CHLOROFORM	
W233M2A	MW-233	10/03/2002	GROUNDWATER	331.00	341.00	132.80	142.80	OC21V	CHLOROFORM	
W233M3A	MW-233	10/03/2002	GROUNDWATER	231.00	241.00	32.80	42.80	E314.0	PERCHLORATE	
W233M3A	MW-233	10/03/2002	GROUNDWATER	231.00	241.00	32.80	42.80	OC21V	CHLOROFORM	
W234M1A	MW-234	10/16/2002	GROUNDWATER	130.00	140.00	25.30	35.30	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W234M1A	MW-234	10/16/2002	GROUNDWATER	130.00	140.00	25.30	35.30	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W234M1A	MW-234	10/16/2002	GROUNDWATER	130.00	140.00	25.30	35.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W234M1A	MW-234	10/16/2002	GROUNDWATER	130.00	140.00	25.30	35.30	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W234M1A	MW-234	10/16/2002	GROUNDWATER	130.00	140.00	25.30	35.30	E314.0	PERCHLORATE	
W234M2A	MW-234	10/17/2002	GROUNDWATER	110.00	120.00	1.60	11.60	8330N	2,4,6-TRINITROTOLUENE	YES
W234M2A	MW-234	10/17/2002	GROUNDWATER	110.00	120.00	1.60	11.60	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W234M2A	MW-234	10/17/2002	GROUNDWATER	110.00	120.00	1.60	11.60	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W234M2A	MW-234	10/17/2002	GROUNDWATER	110.00	120.00	1.60	11.60	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES

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W234M2A	MW-234	10/17/2002	GROUNDWATER	110.00	120.00	1.60	11.60	8330N	NITROGLYCERIN	NO
W235M1A	MW-235	10/07/2002	GROUNDWATER	154.00	164.00	25.30	35.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W235M1A	MW-235	10/07/2002	GROUNDWATER	154.00	164.00	25.30	35.30	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W235M1D	MW-235	10/07/2002	GROUNDWATER	154.00	164.00	25.30	35.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W235M1D	MW-235	10/07/2002	GROUNDWATER	154.00	164.00	25.30	35.30	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W236SSA	MW-236	10/16/2002	GROUNDWATER	96.00	106.00	0.00	10.00	8330N	PICRIC ACID	NO
W38M3A	MW-38	09/26/2002	GROUNDWATER	170.00	180.00	52.00	62.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W38M4A	MW-38	09/26/2002	GROUNDWATER	132.00	142.00	14.00	24.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W45M2A	MW-45	10/01/2002	GROUNDWATER	110.00	120.00	18.00	28.00	8330N	PENTAERYTHRITOL TETRANITR	NO
W45M2A	MW-45	10/01/2002	GROUNDWATER	110.00	120.00	18.00	28.00	8330N	PICRIC ACID	NO
W55DDA	MW-55	10/08/2002	GROUNDWATER	255.00	265.00	119.00	129.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
W63DDA	MW-63	10/07/2002	GROUNDWATER	375.00	380.00	221.00	226.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
W80M1A	MW-80	10/10/2002	GROUNDWATER	130.00	140.00	86.00	96.00	E314.0	PERCHLORATE	
W80M2A	MW-80	10/10/2002	GROUNDWATER	100.00	110.00	56.00	66.00	E314.0	PERCHLORATE	
W87M1A	MW-87	10/04/2002	GROUNDWATER	194.00	204.00	62.00	72.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W87M1A	MW-87	10/04/2002	GROUNDWATER	194.00	204.00	62.00	72.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W87M2A	MW-87	10/04/2002	GROUNDWATER	169.00	179.00	37.00	47.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W88M2A	MW-88	10/04/2002	GROUNDWATER	213.00	223.00	72.00	82.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W88M2A	MW-88	10/04/2002	GROUNDWATER	213.00	223.00	72.00	82.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W89M1A	MW-89	10/04/2002	GROUNDWATER	234.00	244.00	92.00	102.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W89M1D	MW-89	10/04/2002	GROUNDWATER	234.00	244.00	92.00	102.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W89M2A	MW-89	10/04/2002	GROUNDWATER	214.00	224.00	72.00	82.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W89M2A	MW-89	10/04/2002	GROUNDWATER	214.00	224.00	72.00	82.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W89M3A	MW-89	10/04/2002	GROUNDWATER	174.00	184.00	32.00	42.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W91M1A	MW-91	09/27/2002	GROUNDWATER	170.00	180.00	45.00	55.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W91M1A	MW-91	09/27/2002	GROUNDWATER	170.00	180.00	45.00	55.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W93M1A	MW-93	09/24/2002	GROUNDWATER	185.00	195.00	56.00	66.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W93M2A	MW-93	09/27/2002	GROUNDWATER	145.00	155.00	16.00	26.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W93M2A	MW-93	09/27/2002	GROUNDWATER	145.00	155.00	16.00	26.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W94M1A	MW-94	09/26/2002	GROUNDWATER	160.00	170.00	36.00	46.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W94M2A	MW-94	09/27/2002	GROUNDWATER	140.00	150.00	16.00	26.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W95M1A	MW-95	09/27/2002	GROUNDWATER	202.00	212.00	78.00	88.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES

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W95M2A	MW-95	09/27/2002	GROUNDWATER	167.00	177.00	43.00	53.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W96M2A	MW-96	09/27/2002	GROUNDWATER	160.00	170.00	24.00	34.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W98M1A	MW-98	09/26/2002	GROUNDWATER	164.00	174.00	26.00	36.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W98SSA	MW-98	09/26/2002	GROUNDWATER	137.00	147.00	0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
W99M1A	MW-99	09/27/2002	GROUNDWATER	195.00	205.00	60.00	70.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W99M1D	MW-99	09/27/2002	GROUNDWATER	195.00	205.00	60.00	70.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
WS-4AD-A	WS-4A	10/24/2002	GROUNDWATER	218.00	228.00	148.50	158.50	OC21V	CHLOROFORM	
WS-4AS-A	WS-4A	10/24/2002	GROUNDWATER	155.00	165.00	85.50	95.50	OC21V	CHLOROFORM	
XXM972-A	97-2	10/09/2002	GROUNDWATER	75.00	85.00	53.00	63.00	E314.0	PERCHLORATE	
XXM975-A	97-5	10/08/2002	GROUNDWATER	84.00	94.00	76.00	86.00	E314.0	PERCHLORATE	
G240DOA	MW-240	10/01/2002	PROFILE	240.00	240.00	141.70	141.70	8330N	NITROGLYCERIN	NO
G240DQA	MW-240	10/01/2002	PROFILE	260.00	260.00	161.70	161.70	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G240DQA	MW-240	10/01/2002	PROFILE	260.00	260.00	161.70	161.70	8330N	NITROGLYCERIN	NO
G240DQA	MW-240	10/01/2002	PROFILE	260.00	260.00	161.70	161.70	8330N	PICRIC ACID	NO
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	8330N	1,3,5-TRINITROBENZENE	NO*
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	8330N	1,3-DINITROBENZENE	NO
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	8330N	2,4-DINITROTOLUENE	NO
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	8330N	2,6-DINITROTOLUENE	NO*
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	8330N	NITROBENZENE	NO
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	8330N	NITROGLYCERIN	NO
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	8330N	PICRIC ACID	NO
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	OC21V	2-HEXANONE	
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	OC21V	ACETONE	
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	OC21V	BENZENE	
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	OC21V	CHLOROETHANE	
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	OC21V	ETHYLBENZENE	
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	OC21V	TOLUENE	

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G242DAA	MW-242	10/02/2002	PROFILE	100.00	100.00	7.00	7.00	OC21V	XYLENES, TOTAL	
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00	8330N	1,3,5-TRINITROBENZENE	NO
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00	8330N	1,3-DINITROBENZENE	NO
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00	8330N	2,4-DINITROTOLUENE	NO
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00	8330N	2,6-DINITROTOLUENE	NO
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00	8330N	2-NITROTOLUENE	NO
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00	8330N	4-NITROTOLUENE	NO
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00	8330N	NITROBENZENE	NO
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00	8330N	NITROGLYCERIN	NO
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00	8330N	PICRIC ACID	NO
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00	OC21V	2-HEXANONE	
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00	OC21V	ACETONE	
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00	OC21V	BENZENE	
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00	OC21V	CHLOROETHANE	
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G242DBA	MW-242	10/02/2002	PROFILE	110.00	110.00	17.00	17.00	OC21V	TOLUENE	
G242DCA	MW-242	10/02/2002	PROFILE	120.00	120.00	27.00	27.00	8330N	1,3,5-TRINITROBENZENE	YES*
G242DCA	MW-242	10/02/2002	PROFILE	120.00	120.00	27.00	27.00	8330N	1,3-DINITROBENZENE	NO
G242DCA	MW-242	10/02/2002	PROFILE	120.00	120.00	27.00	27.00	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G242DCA	MW-242	10/02/2002	PROFILE	120.00	120.00	27.00	27.00	8330N	2,4-DINITROTOLUENE	NO
G242DCA	MW-242	10/02/2002	PROFILE	120.00	120.00	27.00	27.00	8330N	2,6-DINITROTOLUENE	NO
G242DCA	MW-242	10/02/2002	PROFILE	120.00	120.00	27.00	27.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G242DCA	MW-242	10/02/2002	PROFILE	120.00	120.00	27.00	27.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G242DCA	MW-242	10/02/2002	PROFILE	120.00	120.00	27.00	27.00	8330N	NITROBENZENE	NO
G242DCA	MW-242	10/02/2002	PROFILE	120.00	120.00	27.00	27.00	8330N	NITROGLYCERIN	NO
G242DCA	MW-242	10/02/2002	PROFILE	120.00	120.00	27.00	27.00	8330N	PICRIC ACID	NO
G242DCA	MW-242	10/02/2002	PROFILE	120.00	120.00	27.00	27.00	OC21V	2-HEXANONE	
G242DCA	MW-242	10/02/2002	PROFILE	120.00	120.00	27.00	27.00	OC21V	ACETONE	
G242DCA	MW-242	10/02/2002	PROFILE	120.00	120.00	27.00	27.00	OC21V	CHLOROETHANE	

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* = Interference in sample

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 9/24/02 - 10/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G242DCA	MW-242	10/02/2002	PROFILE	120.00	120.00	27.00	27.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G242DCA	MW-242	10/02/2002	PROFILE	120.00	120.00	27.00	27.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G242DCA	MW-242	10/02/2002	PROFILE	120.00	120.00	27.00	27.00	OC21V	TOLUENE	
G242DDA	MW-242	10/02/2002	PROFILE	130.00	130.00	37.00	37.00	8330N	1,3,5-TRINITROBENZENE	YES*
G242DDA	MW-242	10/02/2002	PROFILE	130.00	130.00	37.00	37.00	8330N	1,3-DINITROBENZENE	NO
G242DDA	MW-242	10/02/2002	PROFILE	130.00	130.00	37.00	37.00	8330N	2,4,6-TRINITROTOLUENE	NO
G242DDA	MW-242	10/02/2002	PROFILE	130.00	130.00	37.00	37.00	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G242DDA	MW-242	10/02/2002	PROFILE	130.00	130.00	37.00	37.00	8330N	2,4-DINITROTOLUENE	NO
G242DDA	MW-242	10/02/2002	PROFILE	130.00	130.00	37.00	37.00	8330N	2,6-DINITROTOLUENE	NO
G242DDA	MW-242	10/02/2002	PROFILE	130.00	130.00	37.00	37.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G242DDA	MW-242	10/02/2002	PROFILE	130.00	130.00	37.00	37.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G242DDA	MW-242	10/02/2002	PROFILE	130.00	130.00	37.00	37.00	8330N	NITROBENZENE	YES*
G242DDA	MW-242	10/02/2002	PROFILE	130.00	130.00	37.00	37.00	8330N	NITROGLYCERIN	NO
G242DDA	MW-242	10/02/2002	PROFILE	130.00	130.00	37.00	37.00	8330N	PICRIC ACID	NO
G242DDA	MW-242	10/02/2002	PROFILE	130.00	130.00	37.00	37.00	OC21V	2-HEXANONE	
G242DDA	MW-242	10/02/2002	PROFILE	130.00	130.00	37.00	37.00	OC21V	ACETONE	
G242DDA	MW-242	10/02/2002	PROFILE	130.00	130.00	37.00	37.00	OC21V	BENZENE	
G242DDA	MW-242	10/02/2002	PROFILE	130.00	130.00	37.00	37.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G242DDA	MW-242	10/02/2002	PROFILE	130.00	130.00	37.00	37.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G242DDA	MW-242	10/02/2002	PROFILE	130.00	130.00	37.00	37.00	OC21V	TOLUENE	
G242DEA	MW-242	10/02/2002	PROFILE	140.00	140.00	47.00	47.00	8330N	1,3,5-TRINITROBENZENE	YES*
G242DEA	MW-242	10/02/2002	PROFILE	140.00	140.00	47.00	47.00	8330N	1,3-DINITROBENZENE	NO
G242DEA	MW-242	10/02/2002	PROFILE	140.00	140.00	47.00	47.00	8330N	2,4,6-TRINITROTOLUENE	NO
G242DEA	MW-242	10/02/2002	PROFILE	140.00	140.00	47.00	47.00	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G242DEA	MW-242	10/02/2002	PROFILE	140.00	140.00	47.00	47.00	8330N	2,4-DINITROTOLUENE	NO
G242DEA	MW-242	10/02/2002	PROFILE	140.00	140.00	47.00	47.00	8330N	2,6-DINITROTOLUENE	NO
G242DEA	MW-242	10/02/2002	PROFILE	140.00	140.00	47.00	47.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G242DEA	MW-242	10/02/2002	PROFILE	140.00	140.00	47.00	47.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G242DEA	MW-242	10/02/2002	PROFILE	140.00	140.00	47.00	47.00	8330N	NITROBENZENE	NO
G242DEA	MW-242	10/02/2002	PROFILE	140.00	140.00	47.00	47.00	8330N	NITROGLYCERIN	NO
G242DEA	MW-242	10/02/2002	PROFILE	140.00	140.00	47.00	47.00	8330N	PICRIC ACID	NO
G242DEA	MW-242	10/02/2002	PROFILE	140.00	140.00	47.00	47.00	OC21V	2-HEXANONE	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G242DEA	MW-242	10/02/2002	PROFILE	140.00	140.00	47.00	47.00	OC21V	ACETONE	
G242DEA	MW-242	10/02/2002	PROFILE	140.00	140.00	47.00	47.00	OC21V	BENZENE	
G242DEA	MW-242	10/02/2002	PROFILE	140.00	140.00	47.00	47.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G242DEA	MW-242	10/02/2002	PROFILE	140.00	140.00	47.00	47.00	OC21V	TOLUENE	
G242DFA	MW-242	10/02/2002	PROFILE	150.00	150.00	57.00	57.00	8330N	2,4,6-TRINITROTOLUENE	NO
G242DFA	MW-242	10/02/2002	PROFILE	150.00	150.00	57.00	57.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G242DFA	MW-242	10/02/2002	PROFILE	150.00	150.00	57.00	57.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G242DFA	MW-242	10/02/2002	PROFILE	150.00	150.00	57.00	57.00	8330N	NITROGLYCERIN	NO
G242DFA	MW-242	10/02/2002	PROFILE	150.00	150.00	57.00	57.00	8330N	PICRIC ACID	NO
G242DFA	MW-242	10/02/2002	PROFILE	150.00	150.00	57.00	57.00	OC21V	2-HEXANONE	
G242DFA	MW-242	10/02/2002	PROFILE	150.00	150.00	57.00	57.00	OC21V	ACETONE	
G242DFA	MW-242	10/02/2002	PROFILE	150.00	150.00	57.00	57.00	OC21V	BENZENE	
G242DFA	MW-242	10/02/2002	PROFILE	150.00	150.00	57.00	57.00	OC21V	CHLOROETHANE	
G242DFA	MW-242	10/02/2002	PROFILE	150.00	150.00	57.00	57.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G242DFA	MW-242	10/02/2002	PROFILE	150.00	150.00	57.00	57.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G242DFA	MW-242	10/02/2002	PROFILE	150.00	150.00	57.00	57.00	OC21V	TOLUENE	
G242DGA	MW-242	10/03/2002	PROFILE	160.00	160.00	67.00	67.00	8330N	2,6-DINITROTOLUENE	NO
G242DGA	MW-242	10/03/2002	PROFILE	160.00	160.00	67.00	67.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G242DGA	MW-242	10/03/2002	PROFILE	160.00	160.00	67.00	67.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G242DGA	MW-242	10/03/2002	PROFILE	160.00	160.00	67.00	67.00	8330N	NITROGLYCERIN	NO
G242DGA	MW-242	10/03/2002	PROFILE	160.00	160.00	67.00	67.00	8330N	PICRIC ACID	NO
G242DGA	MW-242	10/03/2002	PROFILE	160.00	160.00	67.00	67.00	OC21V	ACETONE	
G242DGA	MW-242	10/03/2002	PROFILE	160.00	160.00	67.00	67.00	OC21V	BENZENE	
G242DGA	MW-242	10/03/2002	PROFILE	160.00	160.00	67.00	67.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G242DGA	MW-242	10/03/2002	PROFILE	160.00	160.00	67.00	67.00	OC21V	TOLUENE	
G242DHA	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G242DHA	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	8330N	2,4-DINITROTOLUENE	NO
G242DHA	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	8330N	2,6-DINITROTOLUENE	NO
G242DHA	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G242DHA	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G242DHA	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	8330N	NITROBENZENE	NO
G242DHA	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	8330N	NITROGLYCERIN	NO

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G242DHA	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	8330N	PICRIC ACID	NO
G242DHA	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	OC21V	2-HEXANONE	
G242DHA	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	OC21V	ACETONE	
G242DHA	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	OC21V	CARBON DISULFIDE	
G242DHA	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	OC21V	CHLOROETHANE	
G242DHA	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	OC21V	CHLOROMETHANE	
G242DHA	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G242DHA	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G242DHD	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	8330N	1,3,5-TRINITROBENZENE	YES*
G242DHD	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	8330N	1,3-DINITROBENZENE	NO
G242DHD	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G242DHD	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	8330N	2,4-DINITROTOLUENE	NO
G242DHD	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	8330N	2,6-DINITROTOLUENE	NO
G242DHD	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G242DHD	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G242DHD	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	8330N	NITROBENZENE	NO
G242DHD	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	8330N	NITROGLYCERIN	NO
G242DHD	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	8330N	PICRIC ACID	NO
G242DHD	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	OC21V	2-HEXANONE	
G242DHD	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	OC21V	ACETONE	
G242DHD	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	OC21V	CARBON DISULFIDE	
G242DHD	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	OC21V	CHLOROETHANE	
G242DHD	MW-242	10/03/2002	PROFILE	170.00	170.00	77.00	77.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G242DIA	MW-242	10/03/2002	PROFILE	180.00	180.00	87.00	87.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G242DIA	MW-242	10/03/2002	PROFILE	180.00	180.00	87.00	87.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G242DIA	MW-242	10/03/2002	PROFILE	180.00	180.00	87.00	87.00	8330N	PICRIC ACID	NO
G242DIA	MW-242	10/03/2002	PROFILE	180.00	180.00	87.00	87.00	OC21V	ACETONE	
G242DIA	MW-242	10/03/2002	PROFILE	180.00	180.00	87.00	87.00	OC21V	BENZENE	
G242DIA	MW-242	10/03/2002	PROFILE	180.00	180.00	87.00	87.00	OC21V	CHLOROETHANE	
G242DIA	MW-242	10/03/2002	PROFILE	180.00	180.00	87.00	87.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G242DIA	MW-242	10/03/2002	PROFILE	180.00	180.00	87.00	87.00	OC21V	TOLUENE	
G242DJA	MW-242	10/04/2002	PROFILE	190.00	190.00	97.00	97.00	8330N	1,3-DINITROBENZENE	NO

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G242DJA	MW-242	10/04/2002	PROFILE	190.00	190.00	97.00	97.00	8330N	2,6-DINITROTOLUENE	NO
G242DJA	MW-242	10/04/2002	PROFILE	190.00	190.00	97.00	97.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G242DJA	MW-242	10/04/2002	PROFILE	190.00	190.00	97.00	97.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G242DJA	MW-242	10/04/2002	PROFILE	190.00	190.00	97.00	97.00	8330N	PICRIC ACID	NO
G242DJA	MW-242	10/04/2002	PROFILE	190.00	190.00	97.00	97.00	OC21V	2-HEXANONE	
G242DJA	MW-242	10/04/2002	PROFILE	190.00	190.00	97.00	97.00	OC21V	ACETONE	
G242DJA	MW-242	10/04/2002	PROFILE	190.00	190.00	97.00	97.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G242DJA	MW-242	10/04/2002	PROFILE	190.00	190.00	97.00	97.00	OC21V	TOLUENE	
G242DKA	MW-242	10/04/2002	PROFILE	200.00	200.00	107.00	107.00	8330N	2,6-DINITROTOLUENE	NO
G242DKA	MW-242	10/04/2002	PROFILE	200.00	200.00	107.00	107.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G242DKA	MW-242	10/04/2002	PROFILE	200.00	200.00	107.00	107.00	8330N	NITROGLYCERIN	NO
G242DKA	MW-242	10/04/2002	PROFILE	200.00	200.00	107.00	107.00	OC21V	2-HEXANONE	
G242DKA	MW-242	10/04/2002	PROFILE	200.00	200.00	107.00	107.00	OC21V	ACETONE	
G242DKA	MW-242	10/04/2002	PROFILE	200.00	200.00	107.00	107.00	OC21V	BENZENE	
G242DKA	MW-242	10/04/2002	PROFILE	200.00	200.00	107.00	107.00	OC21V	CHLOROETHANE	
G242DKA	MW-242	10/04/2002	PROFILE	200.00	200.00	107.00	107.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G242DKA	MW-242	10/04/2002	PROFILE	200.00	200.00	107.00	107.00	OC21V	TOLUENE	
G242DLA	MW-242	10/04/2002	PROFILE	210.00	210.00	117.00	117.00	8330N	2,6-DINITROTOLUENE	NO
G242DLA	MW-242	10/04/2002	PROFILE	210.00	210.00	117.00	117.00	8330N	2-NITROTOLUENE	NO
G242DLA	MW-242	10/04/2002	PROFILE	210.00	210.00	117.00	117.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G242DLA	MW-242	10/04/2002	PROFILE	210.00	210.00	117.00	117.00	8330N	4-NITROTOLUENE	NO
G242DLA	MW-242	10/04/2002	PROFILE	210.00	210.00	117.00	117.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G242DLA	MW-242	10/04/2002	PROFILE	210.00	210.00	117.00	117.00	8330N	NITROGLYCERIN	NO
G242DLA	MW-242	10/04/2002	PROFILE	210.00	210.00	117.00	117.00	OC21V	BENZENE	
G242DLA	MW-242	10/04/2002	PROFILE	210.00	210.00	117.00	117.00	OC21V	ETHYLBENZENE	
G242DLA	MW-242	10/04/2002	PROFILE	210.00	210.00	117.00	117.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G242DMA	MW-242	10/04/2002	PROFILE	220.00	220.00	127.00	127.00	8330N	2,4-DINITROTOLUENE	NO
G242DMA	MW-242	10/04/2002	PROFILE	220.00	220.00	127.00	127.00	8330N	2-NITROTOLUENE	NO
G242DMA	MW-242	10/04/2002	PROFILE	220.00	220.00	127.00	127.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G242DMA	MW-242	10/04/2002	PROFILE	220.00	220.00	127.00	127.00	8330N	4-NITROTOLUENE	NO
G242DMA	MW-242	10/04/2002	PROFILE	220.00	220.00	127.00	127.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G242DMA	MW-242	10/04/2002	PROFILE	220.00	220.00	127.00	127.00	8330N	NITROGLYCERIN	NO

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 9/24/02 - 10/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G242DMA	MW-242	10/04/2002	PROFILE	220.00	220.00	127.00	127.00	8330N	PICRIC ACID	NO
G242DMA	MW-242	10/04/2002	PROFILE	220.00	220.00	127.00	127.00	OC21V	BENZENE	
G242DMA	MW-242	10/04/2002	PROFILE	220.00	220.00	127.00	127.00	OC21V	ETHYLBENZENE	
G242DMA	MW-242	10/04/2002	PROFILE	220.00	220.00	127.00	127.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G242DNA	MW-242	10/04/2002	PROFILE	230.00	230.00	137.00	137.00	8330N	2,4-DINITROTOLUENE	NO
G242DNA	MW-242	10/04/2002	PROFILE	230.00	230.00	137.00	137.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G242DNA	MW-242	10/04/2002	PROFILE	230.00	230.00	137.00	137.00	8330N	2-NITROTOLUENE	NO
G242DNA	MW-242	10/04/2002	PROFILE	230.00	230.00	137.00	137.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G242DNA	MW-242	10/04/2002	PROFILE	230.00	230.00	137.00	137.00	8330N	4-NITROTOLUENE	NO*
G242DNA	MW-242	10/04/2002	PROFILE	230.00	230.00	137.00	137.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G242DNA	MW-242	10/04/2002	PROFILE	230.00	230.00	137.00	137.00	8330N	NITROGLYCERIN	NO
G242DNA	MW-242	10/04/2002	PROFILE	230.00	230.00	137.00	137.00	8330N	PICRIC ACID	NO
G242DNA	MW-242	10/04/2002	PROFILE	230.00	230.00	137.00	137.00	OC21V	BENZENE	
G242DNA	MW-242	10/04/2002	PROFILE	230.00	230.00	137.00	137.00	OC21V	CHLOROETHANE	
G242DNA	MW-242	10/04/2002	PROFILE	230.00	230.00	137.00	137.00	OC21V	ETHYLBENZENE	
G242DNA	MW-242	10/04/2002	PROFILE	230.00	230.00	137.00	137.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G242DNA	MW-242	10/04/2002	PROFILE	230.00	230.00	137.00	137.00	OC21V	TOLUENE	
G242DOA	MW-242	10/07/2002	PROFILE	240.00	240.00	147.00	147.00	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G242DOA	MW-242	10/07/2002	PROFILE	240.00	240.00	147.00	147.00	8330N	2,6-DINITROTOLUENE	NO
G242DOA	MW-242	10/07/2002	PROFILE	240.00	240.00	147.00	147.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G242DOA	MW-242	10/07/2002	PROFILE	240.00	240.00	147.00	147.00	8330N	2-NITROTOLUENE	NO
G242DOA	MW-242	10/07/2002	PROFILE	240.00	240.00	147.00	147.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G242DOA	MW-242	10/07/2002	PROFILE	240.00	240.00	147.00	147.00	8330N	4-NITROTOLUENE	NO
G242DOA	MW-242	10/07/2002	PROFILE	240.00	240.00	147.00	147.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G242DOA	MW-242	10/07/2002	PROFILE	240.00	240.00	147.00	147.00	8330N	NITROGLYCERIN	NO
G242DOA	MW-242	10/07/2002	PROFILE	240.00	240.00	147.00	147.00	8330N	PICRIC ACID	NO
G242DOA	MW-242	10/07/2002	PROFILE	240.00	240.00	147.00	147.00	OC21V	ACETONE	
G242DOA	MW-242	10/07/2002	PROFILE	240.00	240.00	147.00	147.00	OC21V	ETHYLBENZENE	
G242DPA	MW-242	10/07/2002	PROFILE	250.00	250.00	157.00	157.00	8330N	3-NITROTOLUENE	NO
G242DPA	MW-242	10/07/2002	PROFILE	250.00	250.00	157.00	157.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G242DPA	MW-242	10/07/2002	PROFILE	250.00	250.00	157.00	157.00	8330N	NITROGLYCERIN	NO
G242DPA	MW-242	10/07/2002	PROFILE	250.00	250.00	157.00	157.00	8330N	PICRIC ACID	NO

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G242DPA	MW-242	10/07/2002	PROFILE	250.00	250.00	157.00	157.00	OC21V	ACETONE	
G242DPA	MW-242	10/07/2002	PROFILE	250.00	250.00	157.00	157.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G243DAA	MW-243	10/07/2002	PROFILE	70.00	70.00	1.50	1.50	8330N	2,6-DINITROTOLUENE	NO*
G243DAA	MW-243	10/07/2002	PROFILE	70.00	70.00	1.50	1.50	8330N	2-NITROTOLUENE	NO
G243DAA	MW-243	10/07/2002	PROFILE	70.00	70.00	1.50	1.50	8330N	NITROGLYCERIN	NO
G243DAA	MW-243	10/07/2002	PROFILE	70.00	70.00	1.50	1.50	8330N	PICRIC ACID	NO
G243DAA	MW-243	10/07/2002	PROFILE	70.00	70.00	1.50	1.50	E314.0	PERCHLORATE	
G243DAA	MW-243	10/07/2002	PROFILE	70.00	70.00	1.50	1.50	OC21V	CHLOROFORM	
G243DBA	MW-243	10/07/2002	PROFILE	80.00	80.00	11.50	11.50	8330N	1,3,5-TRINITROBENZENE	NO
G243DBA	MW-243	10/07/2002	PROFILE	80.00	80.00	11.50	11.50	8330N	2,6-DINITROTOLUENE	NO*
G243DBA	MW-243	10/07/2002	PROFILE	80.00	80.00	11.50	11.50	8330N	2-NITROTOLUENE	NO
G243DBA	MW-243	10/07/2002	PROFILE	80.00	80.00	11.50	11.50	8330N	4-NITROTOLUENE	NO
G243DBA	MW-243	10/07/2002	PROFILE	80.00	80.00	11.50	11.50	8330N	NITROGLYCERIN	NO
G243DBA	MW-243	10/07/2002	PROFILE	80.00	80.00	11.50	11.50	8330N	PICRIC ACID	NO
G243DBA	MW-243	10/07/2002	PROFILE	80.00	80.00	11.50	11.50	E314.0	PERCHLORATE	
G243DBA	MW-243	10/07/2002	PROFILE	80.00	80.00	11.50	11.50	OC21V	CHLOROFORM	
G243DCA	MW-243	10/08/2002	PROFILE	90.00	90.00	21.50	21.50	8330N	1,3,5-TRINITROBENZENE	NO
G243DCA	MW-243	10/08/2002	PROFILE	90.00	90.00	21.50	21.50	8330N	2,6-DINITROTOLUENE	NO*
G243DCA	MW-243	10/08/2002	PROFILE	90.00	90.00	21.50	21.50	8330N	3-NITROTOLUENE	NO*
G243DCA	MW-243	10/08/2002	PROFILE	90.00	90.00	21.50	21.50	8330N	4-NITROTOLUENE	NO
G243DCA	MW-243	10/08/2002	PROFILE	90.00	90.00	21.50	21.50	8330N	NITROGLYCERIN	NO
G243DCA	MW-243	10/08/2002	PROFILE	90.00	90.00	21.50	21.50	8330N	PICRIC ACID	NO
G243DCA	MW-243	10/08/2002	PROFILE	90.00	90.00	21.50	21.50	E314.0	PERCHLORATE	
G243DCA	MW-243	10/08/2002	PROFILE	90.00	90.00	21.50	21.50	OC21V	CHLOROFORM	
G243DDA	MW-243	10/08/2002	PROFILE	100.00	100.00	31.50	31.50	8330N	1,3,5-TRINITROBENZENE	NO
G243DDA	MW-243	10/08/2002	PROFILE	100.00	100.00	31.50	31.50	E314.0	PERCHLORATE	
G243DDA	MW-243	10/08/2002	PROFILE	100.00	100.00	31.50	31.50	OC21V	CHLOROFORM	
G243DEA	MW-243	10/08/2002	PROFILE	110.00	110.00	41.50	41.50	E314.0	PERCHLORATE	
G243DEA	MW-243	10/08/2002	PROFILE	110.00	110.00	41.50	41.50	OC21V	TETRACHLOROETHYLENE(PCE)	
G243DGA	MW-243	10/08/2002	PROFILE	130.00	130.00	61.50	61.50	OC21V	CHLOROFORM	
G243DHA	MW-243	10/08/2002	PROFILE	140.00	140.00	71.50	71.50	OC21V	CHLOROFORM	
G243DJA	MW-243	10/08/2002	PROFILE	160.00	160.00	91.50	91.50	OC21V	METHYL ETHYL KETONE (2-BUT/	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G243DKA	MW-243	10/08/2002	PROFILE	170.00	170.00	101.50	101.50	OC21V	CHLOROFORM	
G243DLA	MW-243	10/09/2002	PROFILE	180.00	180.00	111.50	111.50	OC21V	CHLOROFORM	
G243DOA	MW-243	10/10/2002	PROFILE	210.00	210.00	141.50	141.50	8330N	NITROGLYCERIN	NO
G243DPA	MW-243	10/10/2002	PROFILE	220.00	220.00	151.50	151.50	8330N	NITROGLYCERIN	NO
G243DPA	MW-243	10/10/2002	PROFILE	220.00	220.00	151.50	151.50	OC21V	CHLOROFORM	
G243DQA	MW-243	10/15/2002	PROFILE	230.00	230.00	161.50	161.50	8330N	1,3,5-TRINITROBENZENE	NO
G243DQA	MW-243	10/15/2002	PROFILE	230.00	230.00	161.50	161.50	8330N	1,3-DINITROBENZENE	NO
G243DQA	MW-243	10/15/2002	PROFILE	230.00	230.00	161.50	161.50	8330N	2,6-DINITROTOLUENE	YES
G243DQA	MW-243	10/15/2002	PROFILE	230.00	230.00	161.50	161.50	8330N	NITROGLYCERIN	NO
G243DQA	MW-243	10/15/2002	PROFILE	230.00	230.00	161.50	161.50	8330N	PICRIC ACID	NO
G243DRA	MW-243	10/15/2002	PROFILE	240.00	240.00	171.50	171.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G243DTA	MW-243	10/15/2002	PROFILE	260.00	260.00	191.50	191.50	8330N	2,6-DINITROTOLUENE	NO
G243DTA	MW-243	10/15/2002	PROFILE	260.00	260.00	191.50	191.50	8330N	NITROGLYCERIN	NO
G243DUA	MW-243	10/16/2002	PROFILE	270.00	270.00	201.50	201.50	8330N	NITROGLYCERIN	NO
G243DUA	MW-243	10/16/2002	PROFILE	270.00	270.00	201.50	201.50	OC21V	ACETONE	
G243DUA	MW-243	10/16/2002	PROFILE	270.00	270.00	201.50	201.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G244DAA	MW-244	10/11/2002	PROFILE	125.00	125.00	5.10	5.10	8330N	1,3,5-TRINITROBENZENE	YES*
G244DAA	MW-244	10/11/2002	PROFILE	125.00	125.00	5.10	5.10	8330N	1,3-DINITROBENZENE	NO
G244DAA	MW-244	10/11/2002	PROFILE	125.00	125.00	5.10	5.10	8330N	2,6-DINITROTOLUENE	YES
G244DAA	MW-244	10/11/2002	PROFILE	125.00	125.00	5.10	5.10	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G244DAA	MW-244	10/11/2002	PROFILE	125.00	125.00	5.10	5.10	8330N	3-NITROTOLUENE	NO
G244DAA	MW-244	10/11/2002	PROFILE	125.00	125.00	5.10	5.10	8330N	NITROGLYCERIN	NO
G244DAA	MW-244	10/11/2002	PROFILE	125.00	125.00	5.10	5.10	8330N	PICRIC ACID	NO
G244DAA	MW-244	10/11/2002	PROFILE	125.00	125.00	5.10	5.10	OC21V	2-HEXANONE	
G244DAA	MW-244	10/11/2002	PROFILE	125.00	125.00	5.10	5.10	OC21V	ACETONE	
G244DAA	MW-244	10/11/2002	PROFILE	125.00	125.00	5.10	5.10	OC21V	CHLOROFORM	
G244DAA	MW-244	10/11/2002	PROFILE	125.00	125.00	5.10	5.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G244DBA	MW-244	10/11/2002	PROFILE	130.00	130.00	10.10	10.10	8330N	2,6-DINITROTOLUENE	YES*
G244DBA	MW-244	10/11/2002	PROFILE	130.00	130.00	10.10	10.10	8330N	NITROGLYCERIN	NO
G244DBA	MW-244	10/11/2002	PROFILE	130.00	130.00	10.10	10.10	OC21V	2-HEXANONE	
G244DBA	MW-244	10/11/2002	PROFILE	130.00	130.00	10.10	10.10	OC21V	ACETONE	
G244DBA	MW-244	10/11/2002	PROFILE	130.00	130.00	10.10	10.10	OC21V	METHYL ETHYL KETONE (2-BUT/	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G244DCA	MW-244	10/11/2002	PROFILE	140.00	140.00	20.10	20.10	8330N	NITROGLYCERIN	NO
G244DCA	MW-244	10/11/2002	PROFILE	140.00	140.00	20.10	20.10	OC21V	2-HEXANONE	
G244DCA	MW-244	10/11/2002	PROFILE	140.00	140.00	20.10	20.10	OC21V	ACETONE	
G244DCA	MW-244	10/11/2002	PROFILE	140.00	140.00	20.10	20.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G244DDA	MW-244	10/15/2002	PROFILE	150.00	150.00	30.10	30.10	8330N	1,3,5-TRINITROBENZENE	NO
G244DDA	MW-244	10/15/2002	PROFILE	150.00	150.00	30.10	30.10	8330N	1,3-DINITROBENZENE	NO
G244DDA	MW-244	10/15/2002	PROFILE	150.00	150.00	30.10	30.10	8330N	2,6-DINITROTOLUENE	YES
G244DDA	MW-244	10/15/2002	PROFILE	150.00	150.00	30.10	30.10	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G244DDA	MW-244	10/15/2002	PROFILE	150.00	150.00	30.10	30.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G244DDA	MW-244	10/15/2002	PROFILE	150.00	150.00	30.10	30.10	8330N	NITROGLYCERIN	NO
G244DDA	MW-244	10/15/2002	PROFILE	150.00	150.00	30.10	30.10	8330N	PICRIC ACID	NO
G244DDA	MW-244	10/15/2002	PROFILE	150.00	150.00	30.10	30.10	OC21V	ACETONE	
G244DDA	MW-244	10/15/2002	PROFILE	150.00	150.00	30.10	30.10	OC21V	CHLOROFORM	
G244DDA	MW-244	10/15/2002	PROFILE	150.00	150.00	30.10	30.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G244DEA	MW-244	10/15/2002	PROFILE	160.00	160.00	40.10	40.10	OC21V	ACETONE	
G244DEA	MW-244	10/15/2002	PROFILE	160.00	160.00	40.10	40.10	OC21V	CHLOROFORM	
G244DEA	MW-244	10/15/2002	PROFILE	160.00	160.00	40.10	40.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G244DFA	MW-244	10/15/2002	PROFILE	170.00	170.00	50.10	50.10	OC21V	CHLOROFORM	
G244DFA	MW-244	10/15/2002	PROFILE	170.00	170.00	50.10	50.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G244DGA	MW-244	10/15/2002	PROFILE	180.00	180.00	60.10	60.10	OC21V	CHLOROFORM	
G244DGA	MW-244	10/15/2002	PROFILE	180.00	180.00	60.10	60.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G244DHA	MW-244	10/15/2002	PROFILE	190.00	190.00	70.10	70.10	OC21V	CHLOROFORM	
G244DHD	MW-244	10/15/2002	PROFILE	190.00	190.00	70.10	70.10	OC21V	CHLOROFORM	
G244DIA	MW-244	10/15/2002	PROFILE	200.00	200.00	80.10	80.10	OC21V	2-HEXANONE	
G244DIA	MW-244	10/15/2002	PROFILE	200.00	200.00	80.10	80.10	OC21V	ACETONE	
G244DIA	MW-244	10/15/2002	PROFILE	200.00	200.00	80.10	80.10	OC21V	CHLOROFORM	
G244DIA	MW-244	10/15/2002	PROFILE	200.00	200.00	80.10	80.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G244DJA	MW-244	10/15/2002	PROFILE	210.00	210.00	90.10	90.10	OC21V	CHLOROFORM	
G244DKA	MW-244	10/15/2002	PROFILE	220.00	220.00	100.10	100.10	OC21V	ACETONE	
G244DKA	MW-244	10/15/2002	PROFILE	220.00	220.00	100.10	100.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G244DLA	MW-244	10/16/2002	PROFILE	230.00	230.00	110.10	110.10	8330N	2,6-DINITROTOLUENE	YES
G244DLA	MW-244	10/16/2002	PROFILE	230.00	230.00	110.10	110.10	8330N	4-AMINO-2,6-DINITROTOLUENE	NO

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.
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BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET
PDA/YES = Photo Diode Array, Detect Confirmed
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* = Interference in sample

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 9/24/02 - 10/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G244DLA	MW-244	10/16/2002	PROFILE	230.00	230.00	110.10	110.10	8330N	NITROGLYCERIN	NO
G244DLA	MW-244	10/16/2002	PROFILE	230.00	230.00	110.10	110.10	8330N	PICRIC ACID	NO
G244DLA	MW-244	10/16/2002	PROFILE	230.00	230.00	110.10	110.10	OC21V	2-HEXANONE	
G244DLA	MW-244	10/16/2002	PROFILE	230.00	230.00	110.10	110.10	OC21V	ACETONE	
G244DLA	MW-244	10/16/2002	PROFILE	230.00	230.00	110.10	110.10	OC21V	CHLOROETHANE	
G244DLA	MW-244	10/16/2002	PROFILE	230.00	230.00	110.10	110.10	OC21V	CHLOROFORM	
G244DLA	MW-244	10/16/2002	PROFILE	230.00	230.00	110.10	110.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G244DMA	MW-244	10/16/2002	PROFILE	240.00	240.00	120.10	120.10	8330N	NITROGLYCERIN	NO
G244DMA	MW-244	10/16/2002	PROFILE	240.00	240.00	120.10	120.10	OC21V	ACETONE	
G244DMA	MW-244	10/16/2002	PROFILE	240.00	240.00	120.10	120.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G244DNA	MW-244	10/17/2002	PROFILE	250.00	250.00	130.10	130.10	OC21V	ACETONE	
G244DNA	MW-244	10/17/2002	PROFILE	250.00	250.00	130.10	130.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G244DOA	MW-244	10/17/2002	PROFILE	260.00	260.00	140.10	140.10	OC21V	ACETONE	
G244DOA	MW-244	10/17/2002	PROFILE	260.00	260.00	140.10	140.10	OC21V	CHLOROMETHANE	
G244DOA	MW-244	10/17/2002	PROFILE	260.00	260.00	140.10	140.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G244DPA	MW-244	10/17/2002	PROFILE	270.00	270.00	150.10	150.10	OC21V	ACETONE	
G244DPA	MW-244	10/17/2002	PROFILE	270.00	270.00	150.10	150.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G244DQA	MW-244	10/17/2002	PROFILE	280.00	280.00	160.10	160.10	OC21V	ACETONE	
G244DQA	MW-244	10/17/2002	PROFILE	280.00	280.00	160.10	160.10	OC21V	CHLOROFORM	
G244DRA	MW-244	10/17/2002	PROFILE	290.00	290.00	170.10	170.10	OC21V	CHLOROFORM	
G244DSA	MW-244	10/17/2002	PROFILE	300.00	300.00	180.10	180.10	OC21V	ACETONE	
G244DSA	MW-244	10/17/2002	PROFILE	300.00	300.00	180.10	180.10	OC21V	CHLOROFORM	
G244DSA	MW-244	10/17/2002	PROFILE	300.00	300.00	180.10	180.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DAA	MW-245	10/22/2002	PROFILE	130.00	130.00	6.10	6.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G245DAA	MW-245	10/22/2002	PROFILE	130.00	130.00	6.10	6.10	8330N	NITROGLYCERIN	NO
G245DAA	MW-245	10/22/2002	PROFILE	130.00	130.00	6.10	6.10	8330N	PICRIC ACID	NO
G245DAA	MW-245	10/22/2002	PROFILE	130.00	130.00	6.10	6.10	OC21V	CHLOROFORM	
G245DAA	MW-245	10/22/2002	PROFILE	130.00	130.00	6.10	6.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DBA	MW-245	10/23/2002	PROFILE	140.00	140.00	16.10	16.10	8330N	1,3,5-TRINITROBENZENE	YES*
G245DBA	MW-245	10/23/2002	PROFILE	140.00	140.00	16.10	16.10	8330N	1,3-DINITROBENZENE	NO
G245DBA	MW-245	10/23/2002	PROFILE	140.00	140.00	16.10	16.10	8330N	2,4,6-TRINITROTOLUENE	NO
G245DBA	MW-245	10/23/2002	PROFILE	140.00	140.00	16.10	16.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*

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(UNVALIDATED)
SAMPLES COLLECTED 9/24/02 - 10/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G245DBA	MW-245	10/23/2002	PROFILE	140.00	140.00	16.10	16.10	8330N	NITROGLYCERIN	NO
G245DBA	MW-245	10/23/2002	PROFILE	140.00	140.00	16.10	16.10	8330N	PICRIC ACID	NO
G245DBA	MW-245	10/23/2002	PROFILE	140.00	140.00	16.10	16.10	OC21V	ACETONE	
G245DBA	MW-245	10/23/2002	PROFILE	140.00	140.00	16.10	16.10	OC21V	CHLOROFORM	
G245DBA	MW-245	10/23/2002	PROFILE	140.00	140.00	16.10	16.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DCA	MW-245	10/23/2002	PROFILE	150.00	150.00	26.10	26.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G245DCA	MW-245	10/23/2002	PROFILE	150.00	150.00	26.10	26.10	8330N	NITROGLYCERIN	NO
G245DCA	MW-245	10/23/2002	PROFILE	150.00	150.00	26.10	26.10	OC21V	2-HEXANONE	
G245DCA	MW-245	10/23/2002	PROFILE	150.00	150.00	26.10	26.10	OC21V	ACETONE	
G245DCA	MW-245	10/23/2002	PROFILE	150.00	150.00	26.10	26.10	OC21V	CHLOROFORM	
G245DCA	MW-245	10/23/2002	PROFILE	150.00	150.00	26.10	26.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DCA	MW-245	10/23/2002	PROFILE	150.00	150.00	26.10	26.10	OC21V	METHYL ISOBUTYL KETONE (4-M	
G245DDA	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G245DDA	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G245DDA	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10	8330N	NITROGLYCERIN	NO
G245DDA	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10	8330N	PICRIC ACID	NO
G245DDA	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10	OC21V	2-HEXANONE	
G245DDA	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10	OC21V	ACETONE	
G245DDA	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10	OC21V	CHLOROFORM	
G245DDA	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DDA	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10	OC21V	METHYL ISOBUTYL KETONE (4-M	
G245DDD	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G245DDD	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G245DDD	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10	8330N	NITROGLYCERIN	NO
G245DDD	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10	8330N	PICRIC ACID	NO
G245DDD	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10	OC21V	2-HEXANONE	
G245DDD	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10	OC21V	ACETONE	
G245DDD	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10	OC21V	CHLOROFORM	
G245DDD	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DDD	MW-245	10/23/2002	PROFILE	160.00	160.00	36.10	36.10	OC21V	METHYL ISOBUTYL KETONE (4-M	
G245DEA	MW-245	10/23/2002	PROFILE	170.00	170.00	46.10	46.10	8330N	2,6-DINITROTOLUENE	NO*
G245DEA	MW-245	10/23/2002	PROFILE	170.00	170.00	46.10	46.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*

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SAMPLES COLLECTED 9/24/02 - 10/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G245DEA	MW-245	10/23/2002	PROFILE	170.00	170.00	46.10	46.10	8330N	NITROGLYCERIN	NO
G245DEA	MW-245	10/23/2002	PROFILE	170.00	170.00	46.10	46.10	8330N	PICRIC ACID	NO
G245DEA	MW-245	10/23/2002	PROFILE	170.00	170.00	46.10	46.10	OC21V	2-HEXANONE	
G245DEA	MW-245	10/23/2002	PROFILE	170.00	170.00	46.10	46.10	OC21V	ACETONE	
G245DEA	MW-245	10/23/2002	PROFILE	170.00	170.00	46.10	46.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DEA	MW-245	10/23/2002	PROFILE	170.00	170.00	46.10	46.10	OC21V	METHYL ISOBUTYL KETONE (4-M	
G245DFA	MW-245	10/23/2002	PROFILE	180.00	180.00	56.10	56.10	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G245DFA	MW-245	10/23/2002	PROFILE	180.00	180.00	56.10	56.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G245DFA	MW-245	10/23/2002	PROFILE	180.00	180.00	56.10	56.10	8330N	NITROGLYCERIN	NO
G245DFA	MW-245	10/23/2002	PROFILE	180.00	180.00	56.10	56.10	8330N	PICRIC ACID	NO
G245DFA	MW-245	10/23/2002	PROFILE	180.00	180.00	56.10	56.10	OC21V	2-HEXANONE	
G245DFA	MW-245	10/23/2002	PROFILE	180.00	180.00	56.10	56.10	OC21V	ACETONE	
G245DFA	MW-245	10/23/2002	PROFILE	180.00	180.00	56.10	56.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DFA	MW-245	10/23/2002	PROFILE	180.00	180.00	56.10	56.10	OC21V	METHYL ISOBUTYL KETONE (4-M	
G245DGA	MW-245	10/23/2002	PROFILE	190.00	190.00	66.10	66.10	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G245DGA	MW-245	10/23/2002	PROFILE	190.00	190.00	66.10	66.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G245DGA	MW-245	10/23/2002	PROFILE	190.00	190.00	66.10	66.10	8330N	NITROGLYCERIN	NO
G245DGA	MW-245	10/23/2002	PROFILE	190.00	190.00	66.10	66.10	8330N	PICRIC ACID	NO
G245DGA	MW-245	10/23/2002	PROFILE	190.00	190.00	66.10	66.10	OC21V	2-HEXANONE	
G245DGA	MW-245	10/23/2002	PROFILE	190.00	190.00	66.10	66.10	OC21V	ACETONE	
G245DGA	MW-245	10/23/2002	PROFILE	190.00	190.00	66.10	66.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DHA	MW-245	10/23/2002	PROFILE	200.00	200.00	76.10	76.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G245DHA	MW-245	10/23/2002	PROFILE	200.00	200.00	76.10	76.10	8330N	PICRIC ACID	NO
G245DHA	MW-245	10/23/2002	PROFILE	200.00	200.00	76.10	76.10	OC21V	2-HEXANONE	
G245DHA	MW-245	10/23/2002	PROFILE	200.00	200.00	76.10	76.10	OC21V	ACETONE	
G245DHA	MW-245	10/23/2002	PROFILE	200.00	200.00	76.10	76.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DIA	MW-245	10/23/2002	PROFILE	210.00	210.00	86.10	86.10	OC21V	ACETONE	
G245DIA	MW-245	10/23/2002	PROFILE	210.00	210.00	86.10	86.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DJA	MW-245	10/23/2002	PROFILE	220.00	220.00	96.10	96.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G245DJA	MW-245	10/23/2002	PROFILE	220.00	220.00	96.10	96.10	8330N	NITROGLYCERIN	NO
G245DJA	MW-245	10/23/2002	PROFILE	220.00	220.00	96.10	96.10	8330N	PICRIC ACID	NO
G245DJA	MW-245	10/23/2002	PROFILE	220.00	220.00	96.10	96.10	OC21V	2-HEXANONE	

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G245DJA	MW-245	10/23/2002	PROFILE	220.00	220.00	96.10	96.10	OC21V	ACETONE	
G245DJA	MW-245	10/23/2002	PROFILE	220.00	220.00	96.10	96.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DJA	MW-245	10/23/2002	PROFILE	220.00	220.00	96.10	96.10	OC21V	METHYL ISOBUTYL KETONE (4-M	
G245DKA	MW-245	10/23/2002	PROFILE	230.00	230.00	106.10	106.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G245DKA	MW-245	10/23/2002	PROFILE	230.00	230.00	106.10	106.10	8330N	NITROGLYCERIN	NO
G245DKA	MW-245	10/23/2002	PROFILE	230.00	230.00	106.10	106.10	8330N	PICRIC ACID	NO
G245DKA	MW-245	10/23/2002	PROFILE	230.00	230.00	106.10	106.10	OC21V	2-HEXANONE	
G245DKA	MW-245	10/23/2002	PROFILE	230.00	230.00	106.10	106.10	OC21V	ACETONE	
G245DKA	MW-245	10/23/2002	PROFILE	230.00	230.00	106.10	106.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DLA	MW-245	10/23/2002	PROFILE	240.00	240.00	116.10	116.10	8330N	NITROGLYCERIN	NO
G245DLA	MW-245	10/23/2002	PROFILE	240.00	240.00	116.10	116.10	8330N	PICRIC ACID	NO
G245DLA	MW-245	10/23/2002	PROFILE	240.00	240.00	116.10	116.10	OC21V	2-HEXANONE	
G245DLA	MW-245	10/23/2002	PROFILE	240.00	240.00	116.10	116.10	OC21V	ACETONE	
G245DLA	MW-245	10/23/2002	PROFILE	240.00	240.00	116.10	116.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DLA	MW-245	10/23/2002	PROFILE	240.00	240.00	116.10	116.10	OC21V	METHYL ISOBUTYL KETONE (4-M	
G245DMA	MW-245	10/24/2002	PROFILE	250.00	250.00	126.10	126.10	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G245DMA	MW-245	10/24/2002	PROFILE	250.00	250.00	126.10	126.10	8330N	NITROGLYCERIN	NO
G245DMA	MW-245	10/24/2002	PROFILE	250.00	250.00	126.10	126.10	8330N	PICRIC ACID	NO
G245DMA	MW-245	10/24/2002	PROFILE	250.00	250.00	126.10	126.10	OC21V	ACETONE	
G245DNA	MW-245	10/24/2002	PROFILE	260.00	260.00	136.10	136.10	OC21V	2-HEXANONE	
G245DNA	MW-245	10/24/2002	PROFILE	260.00	260.00	136.10	136.10	OC21V	ACETONE	
G245DNA	MW-245	10/24/2002	PROFILE	260.00	260.00	136.10	136.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DNA	MW-245	10/24/2002	PROFILE	260.00	260.00	136.10	136.10	OC21V	METHYL ISOBUTYL KETONE (4-M	
G245DOA	MW-245	10/24/2002	PROFILE	270.00	270.00	146.10	146.10	OC21V	2-HEXANONE	
G245DOA	MW-245	10/24/2002	PROFILE	270.00	270.00	146.10	146.10	OC21V	ACETONE	
G245DOA	MW-245	10/24/2002	PROFILE	270.00	270.00	146.10	146.10	OC21V	CHLOROFORM	
G245DOA	MW-245	10/24/2002	PROFILE	270.00	270.00	146.10	146.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DPA	MW-245	10/25/2002	PROFILE	280.00	280.00	156.10	156.10	8330N	PICRIC ACID	NO
G245DPA	MW-245	10/25/2002	PROFILE	280.00	280.00	156.10	156.10	OC21V	ACETONE	
G245DPA	MW-245	10/25/2002	PROFILE	280.00	280.00	156.10	156.10	OC21V	CHLOROFORM	
G245DPA	MW-245	10/25/2002	PROFILE	280.00	280.00	156.10	156.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DQA	MW-245	10/25/2002	PROFILE	290.00	290.00	166.10	166.10	OC21V	2-HEXANONE	

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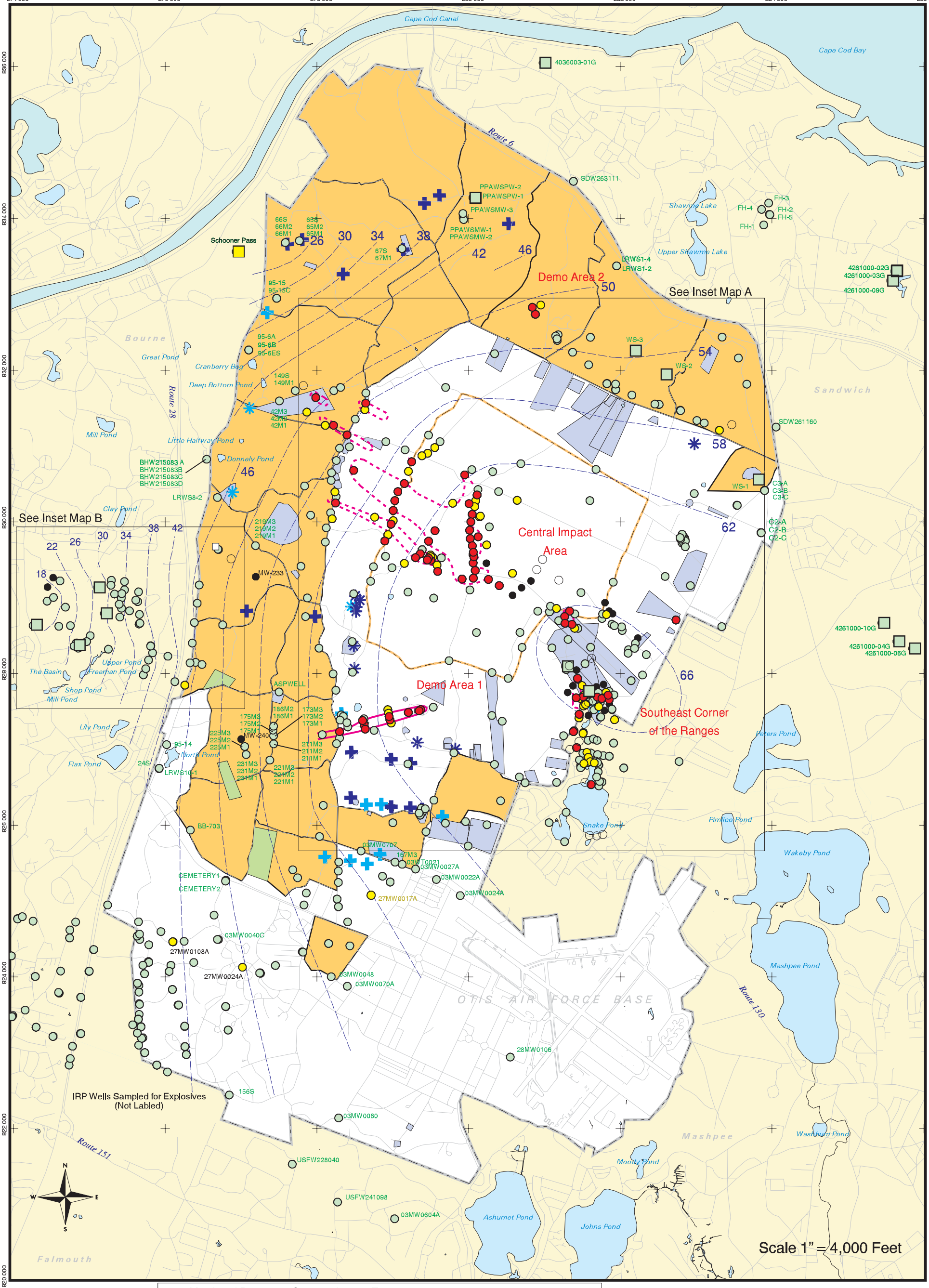
OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G245DQA	MW-245	10/25/2002	PROFILE	290.00	290.00	166.10	166.10	OC21V	ACETONE	
G245DQA	MW-245	10/25/2002	PROFILE	290.00	290.00	166.10	166.10	OC21V	CHLOROFORM	
G245DQA	MW-245	10/25/2002	PROFILE	290.00	290.00	166.10	166.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DQA	MW-245	10/25/2002	PROFILE	290.00	290.00	166.10	166.10	OC21V	METHYL ISOBUTYL KETONE (4-M	
G245DRA	MW-245	10/28/2002	PROFILE	300.00	280.00	176.10	176.10	OC21V	2-HEXANONE	
G245DRA	MW-245	10/28/2002	PROFILE	300.00	280.00	176.10	176.10	OC21V	ACETONE	
G245DRA	MW-245	10/28/2002	PROFILE	300.00	280.00	176.10	176.10	OC21V	CHLOROFORM	
G245DRA	MW-245	10/28/2002	PROFILE	300.00	280.00	176.10	176.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DSA	MW-245	10/28/2002	PROFILE	310.00	290.00	186.10	186.10	8330N	NITROGLYCERIN	NO
G245DSA	MW-245	10/28/2002	PROFILE	310.00	290.00	186.10	186.10	OC21V	2-HEXANONE	
G245DSA	MW-245	10/28/2002	PROFILE	310.00	290.00	186.10	186.10	OC21V	ACETONE	
G245DSA	MW-245	10/28/2002	PROFILE	310.00	290.00	186.10	186.10	OC21V	CHLOROFORM	
G245DSA	MW-245	10/28/2002	PROFILE	310.00	290.00	186.10	186.10	OC21V	METHYL ETHYL KETONE (2-BUT/	
G245DTA	MW-245	10/28/2002	PROFILE	319.00	319.00	196.10	196.10	OC21V	ACETONE	

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



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
- Proposed Water Supply Well
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Validated Non-Detect Water Supply Well
- Validated Detection < MCL/HA, Water Supply Well
- Combat Training Areas
- Military Training Areas
- Military Ranges
- 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 November 04, 2002 DRAFT

IAGWSP Impact Area Groundwater Study Program

Figure 1

Explosives in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 10/25/02

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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

Southeast Corner of the Ranges

Demo Area 1

CS-19

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

34 38 42 50 54 58 62 66

CIAP-14 RANGECON

WS-2 WS-3 RW-1 RW-3 KP-2 LP-10 LRMW0003

SMR-2 SMR-3 SMR-4

TEXTRONPW-2 J3P-23 J3P-10 J3P-19 J3P-20 J3P-22 J3P-26 J3P-28 J3P-29 J3P-30 LP-7

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

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

C1-A C1-B C1-C C4-A C4-B C4-C C5-A C5-B C5-C C6-A C6-B C6-C C7-A C7-B C7-C

MW-220 MW-224 MW-228 MW-229 MW-230 MW-232 MW-234 MW-235 MW-236 MW-237 MW-238 MW-239 MW-241 MW-242 MW-243 MW-244

J1P-16 J1P-17 J1P-18

OW-1 OW-2 OW-3

4261000-05G

Scale 1" = 1,200 Feet

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

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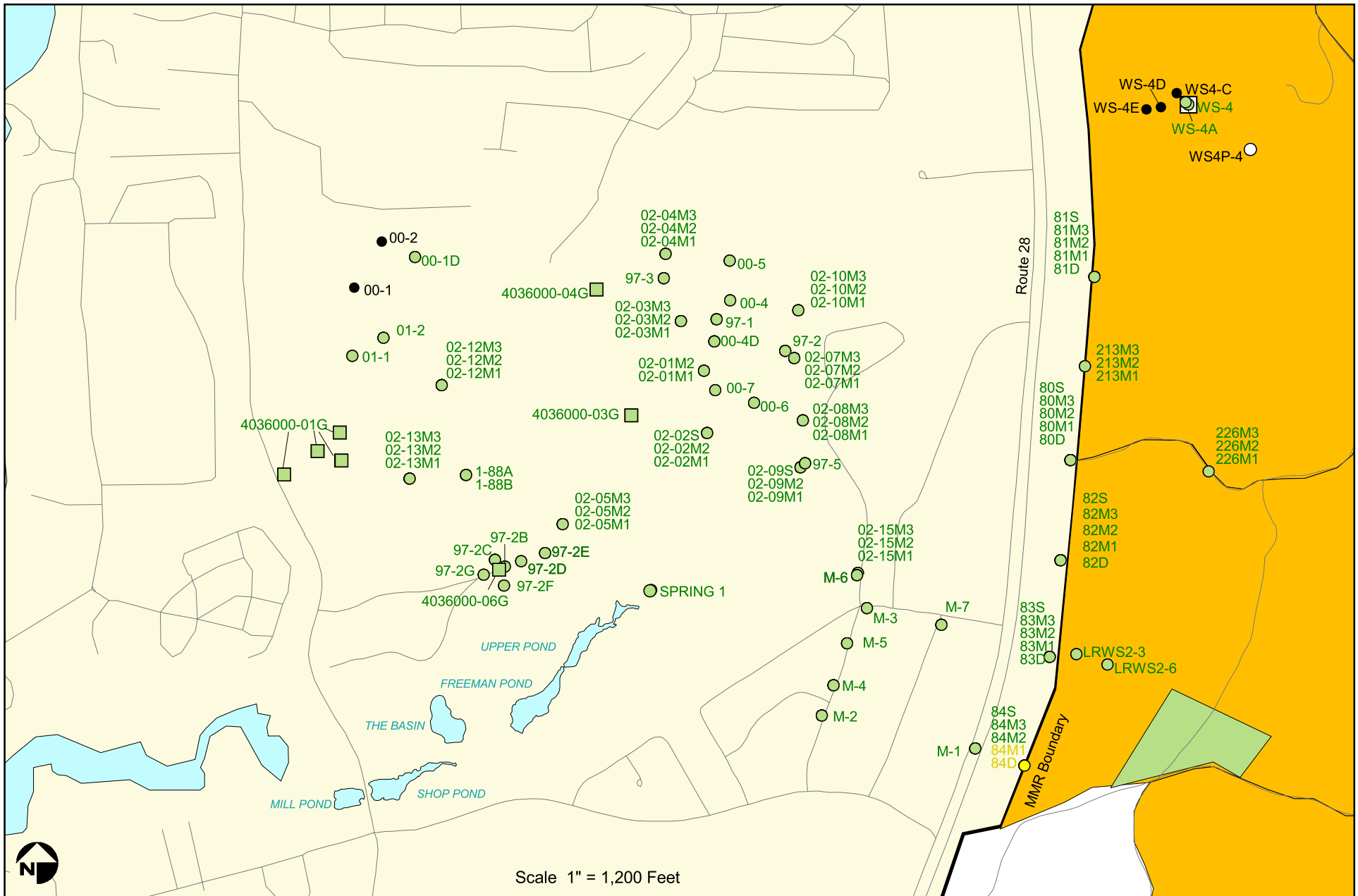
LEGEND

- 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)
- 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

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 10/25/02



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

amec

November 7, 2002 DRAFT

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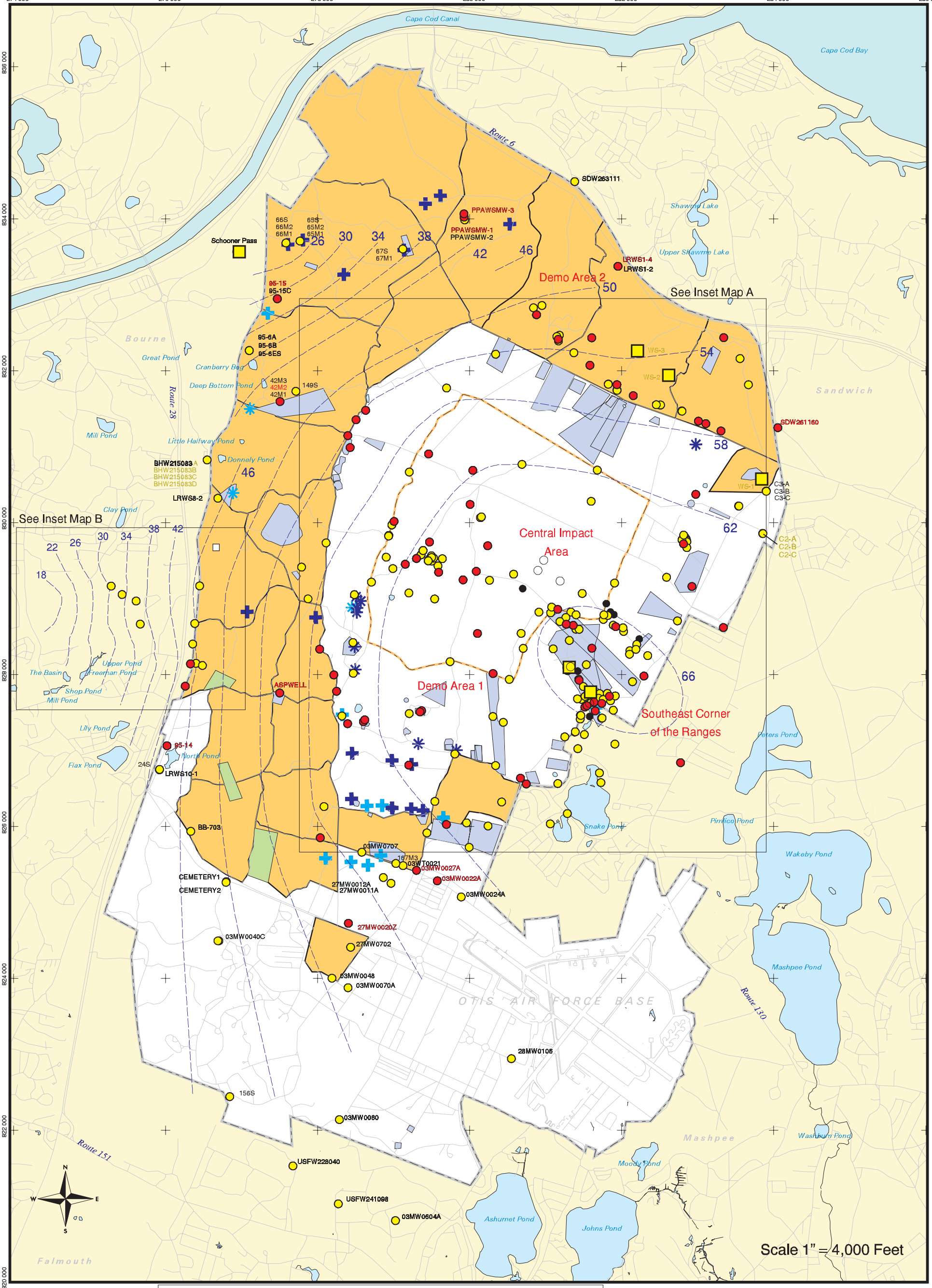
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Validated Non-Detect Water Supply Well
- Future Supply Well
- Proposed Monitoring Well
- No Data Available
- Combat Training Areas
- MilitaryTraining Areas

IAGWSP

Figure 1 - INSET MAP B

Explosives in Groundwater Compared to Maximum Contaminant Level/Health Advisories
Validated Data as of 10/25/02



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
- Proposed Water Supply Well
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Validated Non-Detect Water Supply 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

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

amec November 05, 2002 DRAFT

IAGWSP Impact Area Groundwater Study Program

Figure 2

Metals in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 10/25/02

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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

Southeast Corner of the Ranges

Demo Area 1

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

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

RANGECON

WS-3 WS-2 RW-3 RW-1

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

SMR-2 SMR-3 SMR-4

TEXTRONPW-1 TEXTRONPW-2

J1P-16 J1P-17 J1P-18 J3P-10 J3P-23

MW-227 MW-228 MW-229 MW-230 MW-234 MW-237 MW-239 MW-244

SP3-91 SP4-91

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

11MW0001 11MW0002 11MW0003 11MW0004

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

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

90MW0003 90MW0008 90MW0013 90MW0014 90MW0018 90MW0019 90MW0021 90MW0022 90MW0028B 90MW0029B 90MW0031 90MW0038 90MW0054 90WT0003 90WT0005 90WT0008 90WT0010 90WT0013 90WT0015 90LWA0007

ECMWSNP02D ECMWSNP02S ECMWSNP03D ECMWSNP03S

16S 16D 160S 161S 17S 17M3 17M2 17M1 17D 10S 10M1 10D 23S 23M3 23M2 23M1 23D 18S 18M2 18M1 18D 21S 21M3 21M2 21M1 21D 22S 25S 26S 27S 34 38 42 50 54 58 62 66 34M3 34M2 34M1 35S 35M2 35M1 36S 36M2 36M1 37M3 37M2 37M1 38S 38M4 38M3 38M2 38M1 38D 39S 39M2 39M1 40S 40M1 41M3 41M2 41M1 43S 43M2 43M1 44S 44M2 44M1 45S 45M2 45M1 46S 46M3 46M2 46M1 46D 47S 47M3 47M2 47M1 47D 48S 48M3 48M2 48M1 48D 49S 49M3 49M2 49M1 49D 50S 50M3 50M2 50M1 50D 51S 51M3 51M2 51M1 51D 52S 52M3 52M2 52M1 52D 53S 53M3 53M2 53M1 53D 54S 54M3 54M2 54M1 54D 55S 55M3 55M2 55M1 55D 56S 56M3 56M2 56M1 56D 57S 57M3 57M2 57M1 57D 58S 59S 59M2 59M1 60S 61S 62S 63S 63M3 63M2 63M1 63D 64S 64M2 64M1 68S 68M1 69S 69M2 69M1 70S 70M1 71S 71M1 72S 73S 94S 94M2 94M1 02S 02M2 02M1 02D 03S 03M2 03M1 03D 04S 05S 05M2 05M1 05D 06S 07S 07M2 07M1 07D 08S 09S 10S 10M1 10D 11S 12S 13S 13D 14S 15S 15D 17S 17M3 17M2 17M1 17D 18S 18M2 18M1 18D 19S 19D 20S 21S 21M3 21M2 21M1 21D 22S 23S 23M3 23M2 23M1 23D 25S 26S 27S 28S 28M2 28M1 29S 30S 31S 34M3 34M2 34M1 35S 35M2 35M1 36S 36M2 36M1 37M3 37M2 37M1 38S 38M4 38M3 38M2 38M1 38D 39S 39M2 39M1 40S 40M1 41M3 41M2 41M1 43S 43M2 43M1 44S 44M2 44M1 45S 45M2 45M1 46S 46M3 46M2 46M1 46D 47S 47M3 47M2 47M1 47D 48S 48M3 48M2 48M1 48D 49S 49M3 49M2 49M1 49D 50S 50M3 50M2 50M1 50D 51S 51M3 51M2 51M1 51D 52S 52M3 52M2 52M1 52D 53S 53M3 53M2 53M1 53D 54S 54M3 54M2 54M1 54D 55S 55M3 55M2 55M1 55D 56S 56M3 56M2 56M1 56D 57S 57M3 57M2 57M1 57D 58S 59S 59M2 59M1 60S 61S 62S 63S 63M3 63M2 63M1 63D 64S 64M2 64M1 68S 68M1 69S 69M2 69M1 70S 70M1 71S 71M1 72S 73S 94S 94M2 94M1 02S 02M2 02M1 02D 03S 03M2 03M1 03D 04S 05S 05M2 05M1 05D 06S 07S 07M2 07M1 07D 08S 09S 10S 10M1 10D 11S 12S 13S 13D 14S 15S 15D 17S 17M3 17M2 17M1 17D 18S 18M2 18M1 18D 19S 19D 20S 21S 21M3 21M2 21M1 21D 22S 23S 23M3 23M2 23M1 23D 25S 26S 27S 28S 28M2 28M1 29S 30S 31S 34M3 34M2 34M1 35S 35M2 35M1 36S 36M2 36M1 37M3 37M2 37M1 38S 38M4 38M3 38M2 38M1 38D 39S 39M2 39M1 40S 40M1 41M3 41M2 41M1 43S 43M2 43M1 44S 44M2 44M1 45S 45M2 45M1 46S 46M3 46M2 46M1 46D 47S 47M3 47M2 47M1 47D 48S 48M3 48M2 48M1 48D 49S 49M3 49M2 49M1 49D 50S 50M3 50M2 50M1 50D 51S 51M3 51M2 51M1 51D 52S 52M3 52M2 52M1 52D 53S 53M3 53M2 53M1 53D 54S 54M3 54M2 54M1 54D 55S 55M3 55M2 55M1 55D 56S 56M3 56M2 56M1 56D 57S 57M3 57M2 57M1 57D 58S 59S 59M2 59M1 60S 61S 62S 63S 63M3 63M2 63M1 63D 64S 64M2 64M1 68S 68M1 69S 69M2 69M1 70S 70M1 71S 71M1 72S 73S 94S 94M2 94M1 90WT0003 90WT0005 90WT0008 90WT0010 90WT0013 90WT0015 90LWA0007 90MW0003 90MW0008 90MW0013 90MW0014 90MW0018 90MW0019 90MW0021 90MW0022 90MW0028B 90MW0029B 90MW0031 90MW0038 90MW0054 ECMWSNP02D ECMWSNP02S ECMWSNP03D ECMWSNP03S LRWS4-1 LRWS5-1 LRWS7-1 LRWS8-1 SMR-2 SMR-3 SMR-4 SP3-91 SP4-91 TEXTRONPW-1 TEXTRONPW-2 03MW0006 03MW0007A 03MW0014A 03MW0020 03MW0122A 03MW0709 03MW0710 11MW0001 11MW0002 11MW0003 11MW0004 15MW0002 15MW0004 15MW0005 15MW0006 15MW0007 15MW0008 15MW0009 15WT0007 15WT0711 15WT0712 58MW0001 58MW0002 58MW0003 58MW0004 58MW0005E 58MW0007B 58MW0007C 58MW0007E 58MW0008E 58MW0009C 58MW0009E 58MW0010A 58MW0010B 58MW0011D 58MW0011E 58MW0015A 58MW0015B 58MW0016A 58MW0016B 58MW0016C 58MW0017A 58MW0017B 58MW0017C 58MW0018A 58MW0018B 58MW0018C

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 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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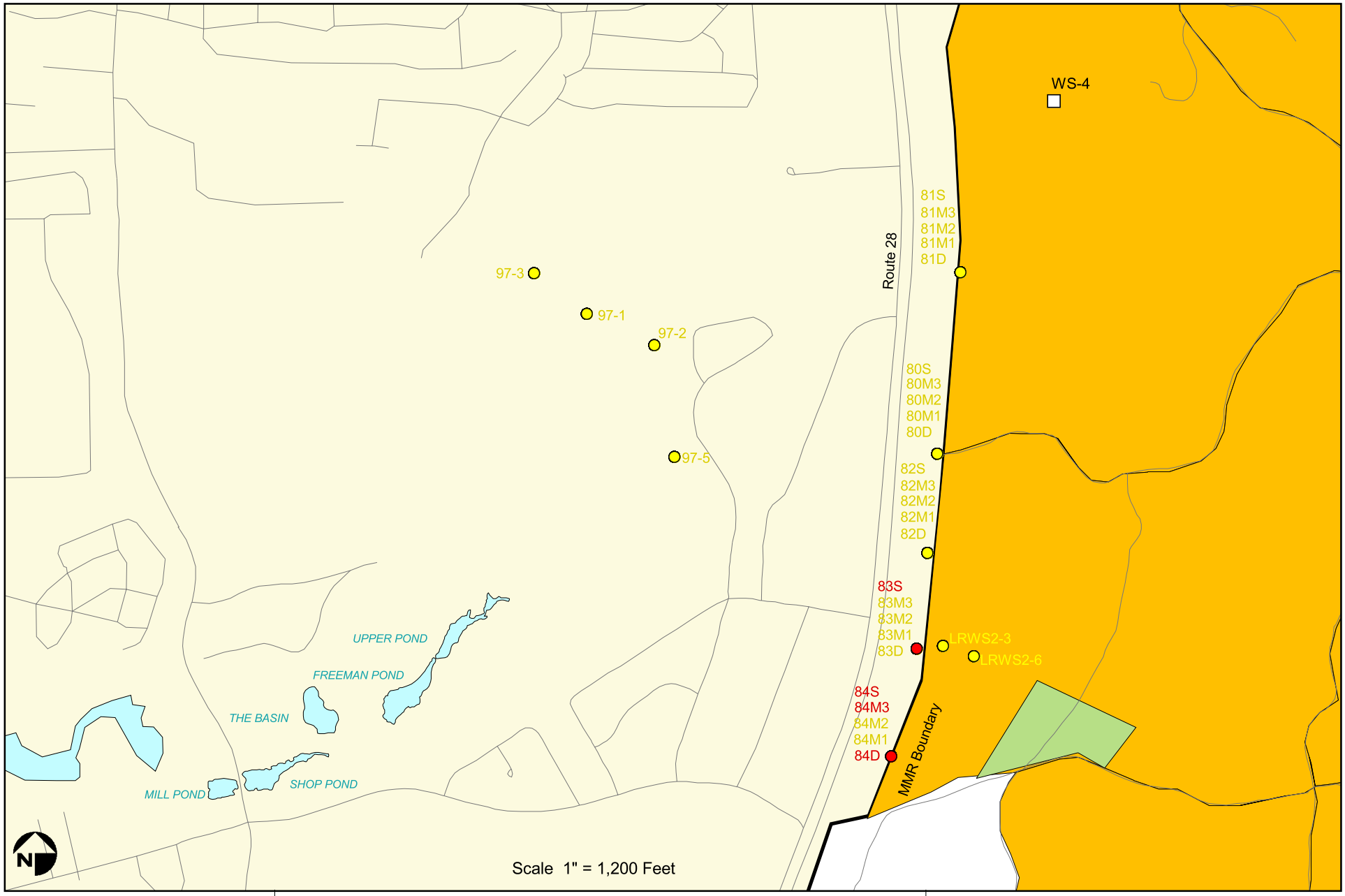
IAGWSP Impact Area Groundwater Study Program

Figure 2 - INSET MAP A

Metals in Groundwater
Compared to Maximum Contaminant Level/Health Advisories
Validated Data as of 10/25/02



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

amec

November 7, 2002 DRAFT

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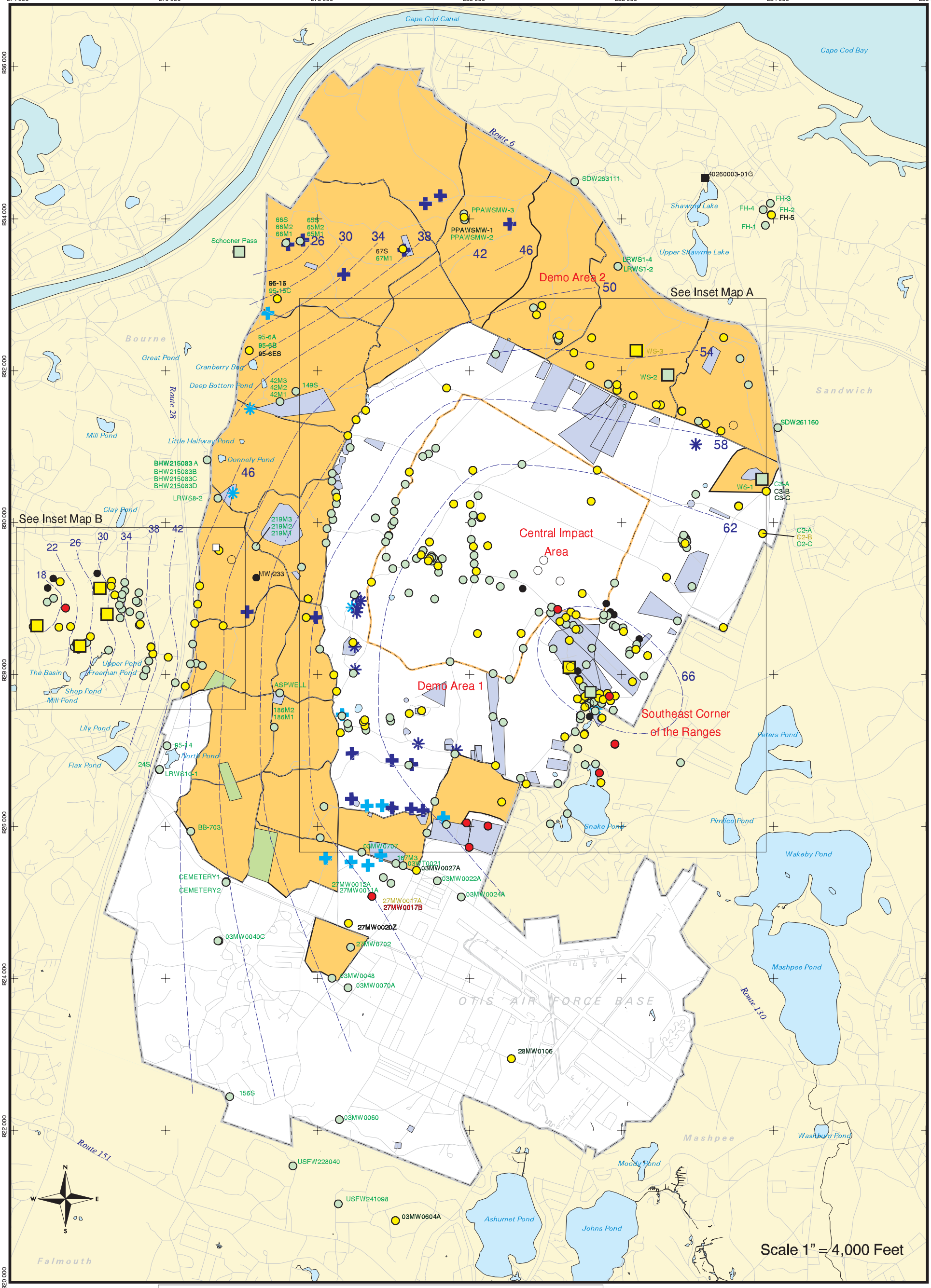
- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Future Supply Well
- Combat Training Areas
- MilitaryTraining Areas

IAGWSP

Figure 2 - INSET MAP B

Metals in Groundwater Compared to Maximum Contaminant Level/Health Advisories
Validated Data as of 10/25/02



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
- Proposed Water Supply 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
- Existing Supply Well No Data Available

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

amec November 06, 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 10/25/02

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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

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

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

RANGECON

WS-2 WS-3 RW-1 RW-3 LRMW0003 KP-2 TEXTRONPW-1 TEXTRONPW-2 SMR-2 SMR-3 SMR-4 J1P-16 J1P-17 J1P-18 J3P-10 J3P-23 SP3-91 SP4-91 MW-228 MW-229 MW-230 MW-234 MW-237 MW-239 MW-244 LRWS4-1 LRWS5-1 LRWS6-1 LRWS7-1

34 38 42 50 54 58 62 66

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

amec November 06, 2002 DRAFT

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LEGEND

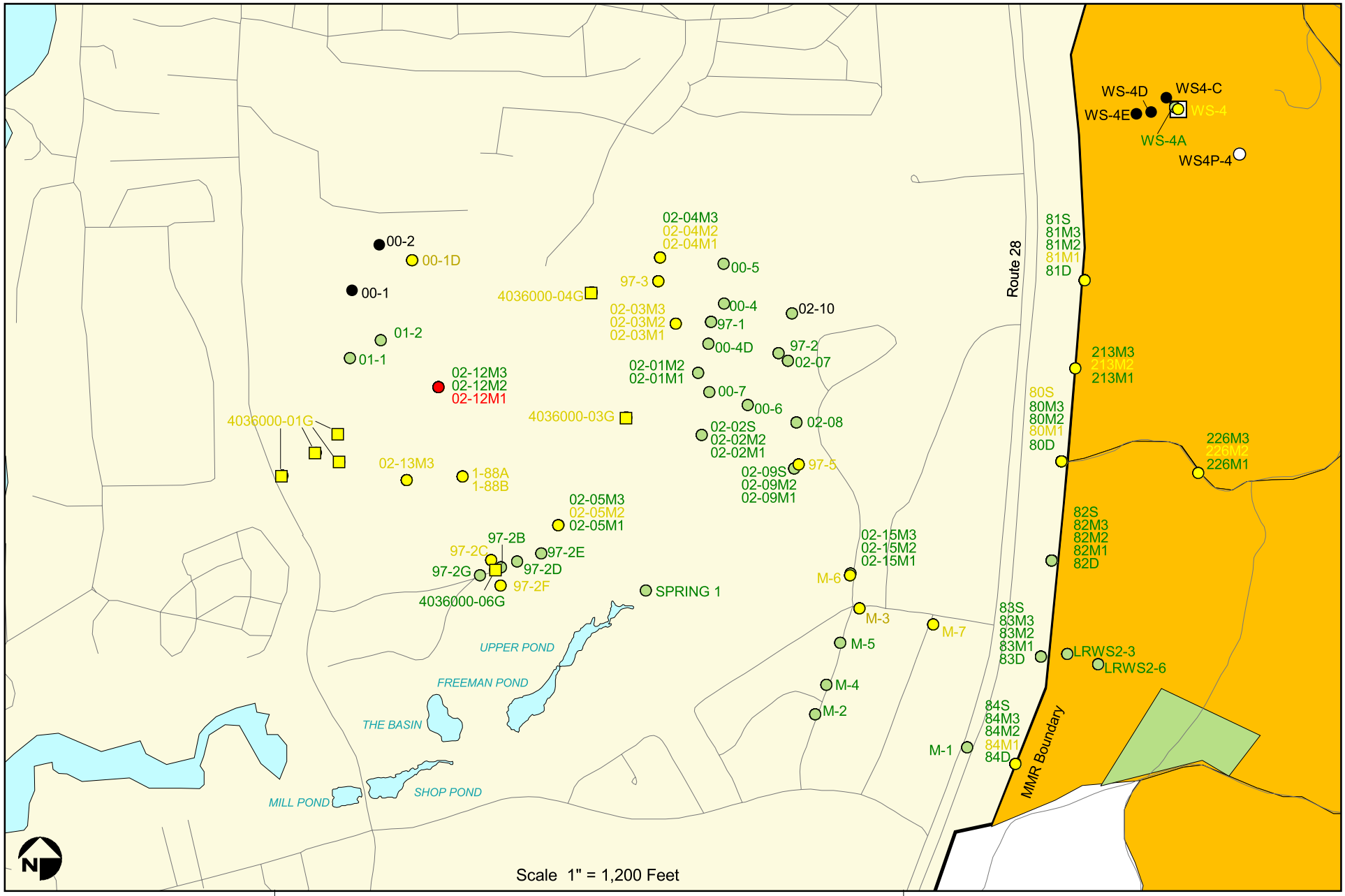
- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Water Table Contour (feet above mean sea level)
- Current Gun Position
-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

Scale 1" = 1,200 Feet

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 10/25/02



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

amec

November 7, 2002 DRAFT

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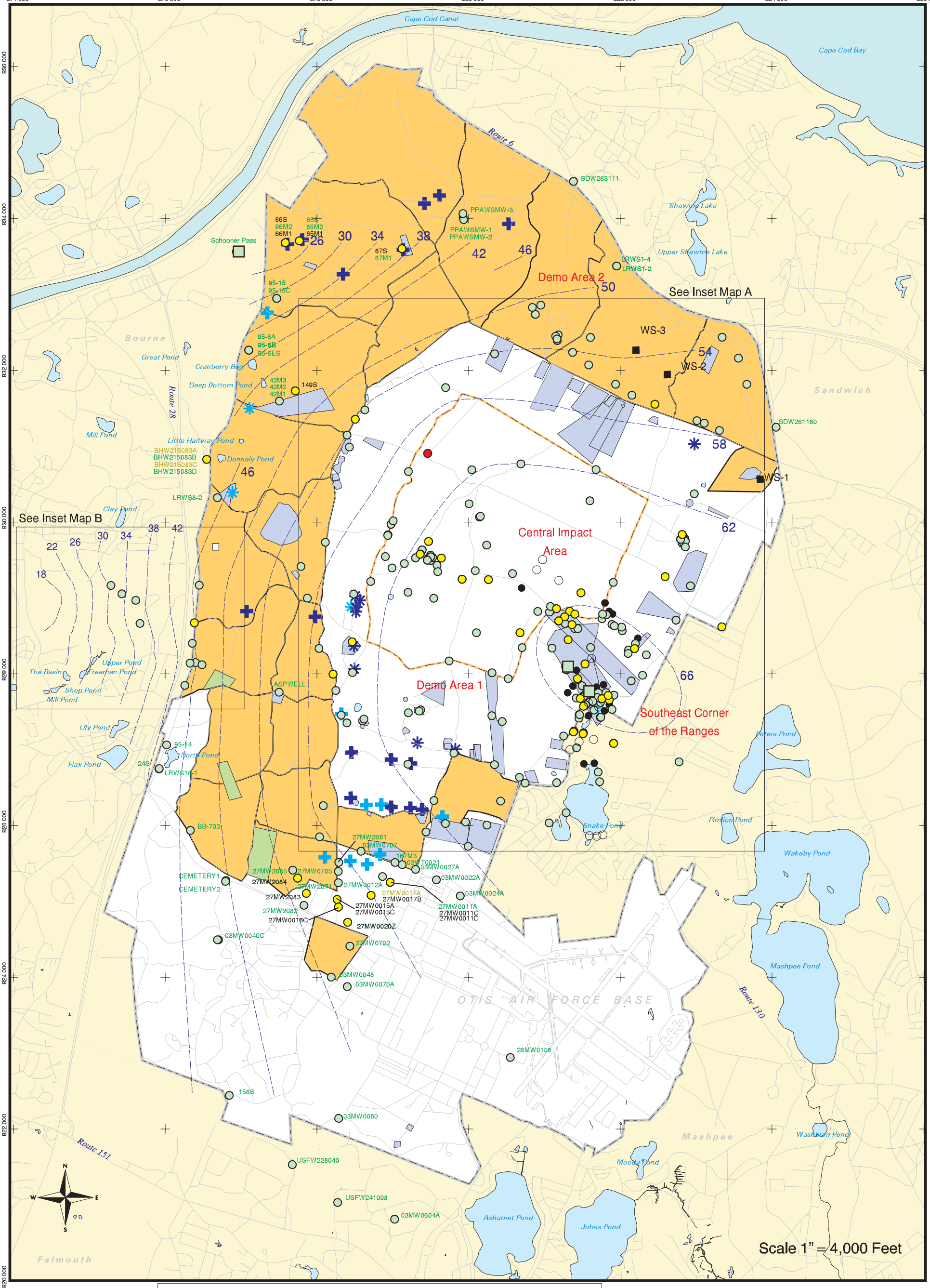
- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Validated Detection Less than Maximum Contaminant Level/Health Advisories Water Supply Well
- Validated Non-Detect Water Supply Well
- Future Supply Well
- Proposed Monitoring Well
- No Data Available
- 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 10/25/02



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
- Proposed Water Supply 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
- Existing Supply Well No Data Available

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 10/25/02

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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

Doughnut Pond
Gibbs Pond
Round Swamp
Baileys Pond
Grassy Pond
Ox Pond
Succonsette Pond
Opening 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
Tank Alley
Turpentine Rd
Wheelock Rd
Pocasset Forestdale Rd
Greenway Rd
Raccoon Ln
Arnold Rd
Rt 130
Snake Pond Rd

RANGECON
WS-3
WS-2
RW-3
RW-1
LRMW0003
LRWS4-1
LRWS5-1
LRWS7-1
SMR-2
SMR-3
SMR-4
LP-10
LP-7
TEXTRONPW-2
TEXTRONPW-1
J1P-16
J1P-17
J1P-18
J3P-10
J3P-19
J3P-20
J3P-22
J3P-28
J3P-29
J3P-30

34 38 42 50 54 58 62 66

10S 10M1 10D
11MW0002 11MW0003 11MW0004 11MW0001
16S 16D 160S 161S
17S 17M3 17M2 17M1 17D
22S 174S
23S 23M3 23M2 23M1 23D
36S 36M2 36M1 34M3 34M2 34M1 35S 35M2 35M1 20S
37M3 37M2 37M1
38S 38M4 38M3 38M2 38M1 38D
39S 39M2 39M1
40S 40M1
41M3 41M2 41M1
43S 43M2 43M1
44S 44M2 44M1
46S 46M3 46M2 46M1 46D
47S 47M3 47M2 47M1 47D
48S 48M3 48M2 48M1 48D
49S 49M3 49M2 49M1 49D
50S 50M3 50M2 50M1 50D
51S 51M3 51M2 51M1 51D
52S 52M3 52M2 52M1 52D
53S 53M3 53M2 53M1 53D
54S 54M3 54M2 54M1 54D
55S 55M3 55M2 55M1 55D
56S 56M3 56M2 56M1 56D
57S 57M3 57M2 57M1 57D
58S 58M3 58M2 58M1 58D
59S 59M2 59M1
63S 63M3 63M2 63M1 63D
69S 69M2 69M1
70S 70M1
71S 71M1
72S
02S 02M2 02M1 02D
03S 03M2 03M1 03D
04S
05S 05M2 05M1 05D
07S 07M2 07M1 07D
08S
09S
11S
12S
14S
15S 15D
18S 18M2 18M1 18D
19S 19D
21S 21M3 21M2 21M1 21D
25S
26S
27S
28S 28M2 28M1
31S
45S 45M2 45M1 146S 146M1
60S
61S
73S
94S 94M2 94M1
104S 104M2 104M1
109S
119S
120S 120M1
121S
122S
125S 125M1
127S
128S 128M2 128M1
130S 130M1 130D
131S 131M2 131M1
136S 136M1
137S
140M1
141S 141M2 141M1
142S 142M2 142M1
143M3 143M2 143M1
144S 144M2 144M1
145S 145M1
147M3 147M2 147M1
148S 148M1
151S
152M2 152M1
153M3 153M2 153M1
154S 154M1
155M2 155M1
157M2 157M1 157D
158S 158M2 158M1
163S
164M3 164M2 164M1
166M3 166M2 166M1
168M3 168M2 168M1
170M3 170M2 170M1
187S 187M1 187D
188S 188M1
189S
190M2 190M1
191S 191M2 191M1
192M3 192M2 192M1
193S 193M1
195S
196S 196M1
197M3 197M2 197M1
198M3 198M2 198M1
215S 215M2 215M1
227M3 227M2 227M1

15MW0008 15MW0007 15MW0004 15MW0002 15WT0712 15MW0006 15MW0001 15WT0007 15MW0009 15MW0005 15WT0711
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
03MW0710 03MW0122A 03MW0006 03MW0007A 03MW0014A 03MW0709 03MW0020
90WT0003 90LWA0007 90MW0039B 90WT0013 90WT0015 90MW0013 90MW0021 90MW0014 90MW0038 90MW0031 90MW0019 90MW0022 90WT0005 90MW0004 90MW0003 90MW0005 90MW0054 90WT0010 90WT0008
ECMWSNP02S ECMWSNP02D ECMWSNP03S ECMWSNP03D
MW-244 MW-229 MW-234 MW-230 MW-228 MW-237 MW-232 MW-238 MW-236 MW-243 MW-241 MW-242 MW-239 MW-217 MW-218
SP3-91 SP4-91

Scale 1" = 1,200 Feet

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

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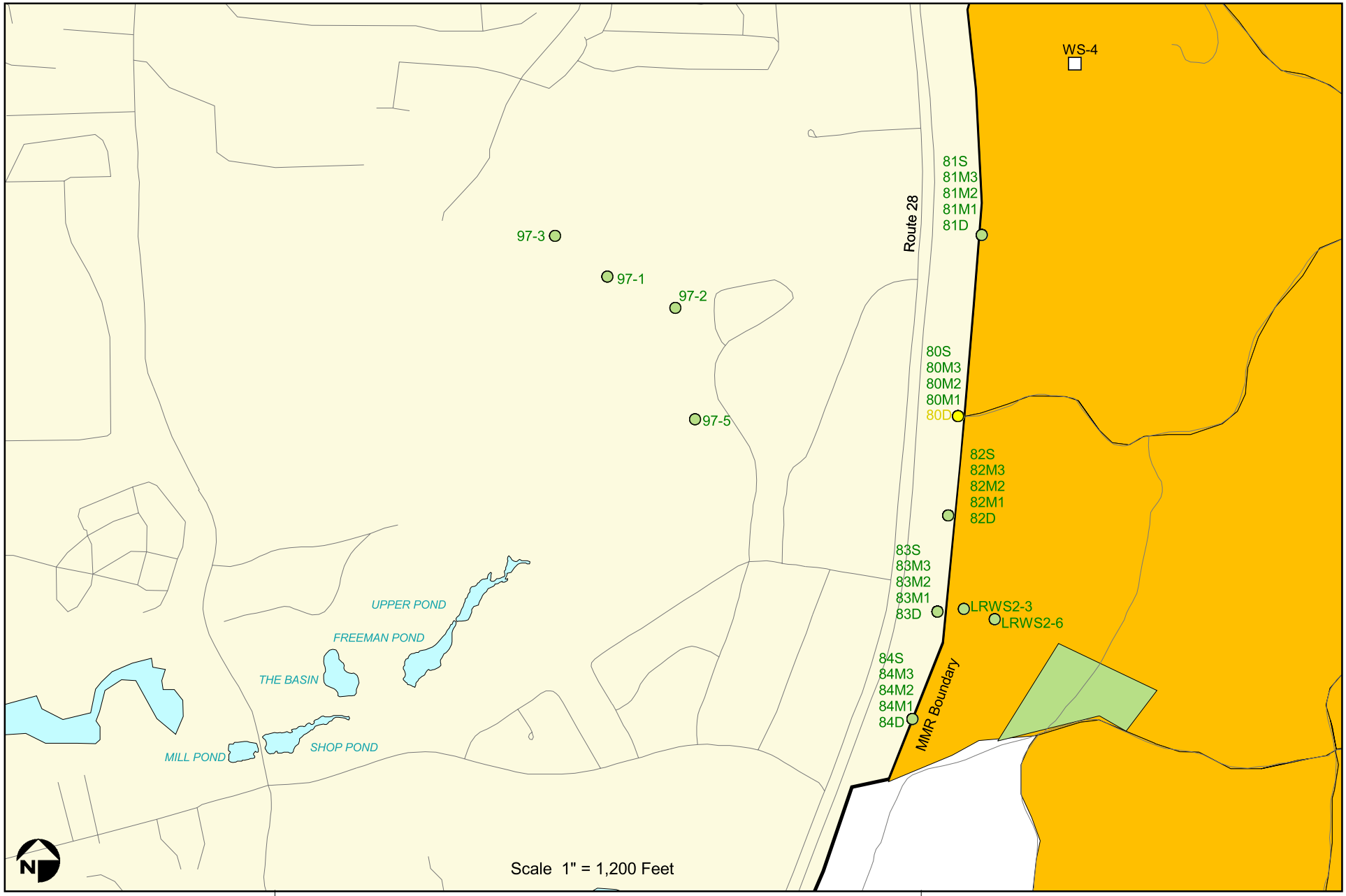
LEGEND

- 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
- Existing Supply Well No Data Available

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 10/25/02



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

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November 7, 2002 DRAFT

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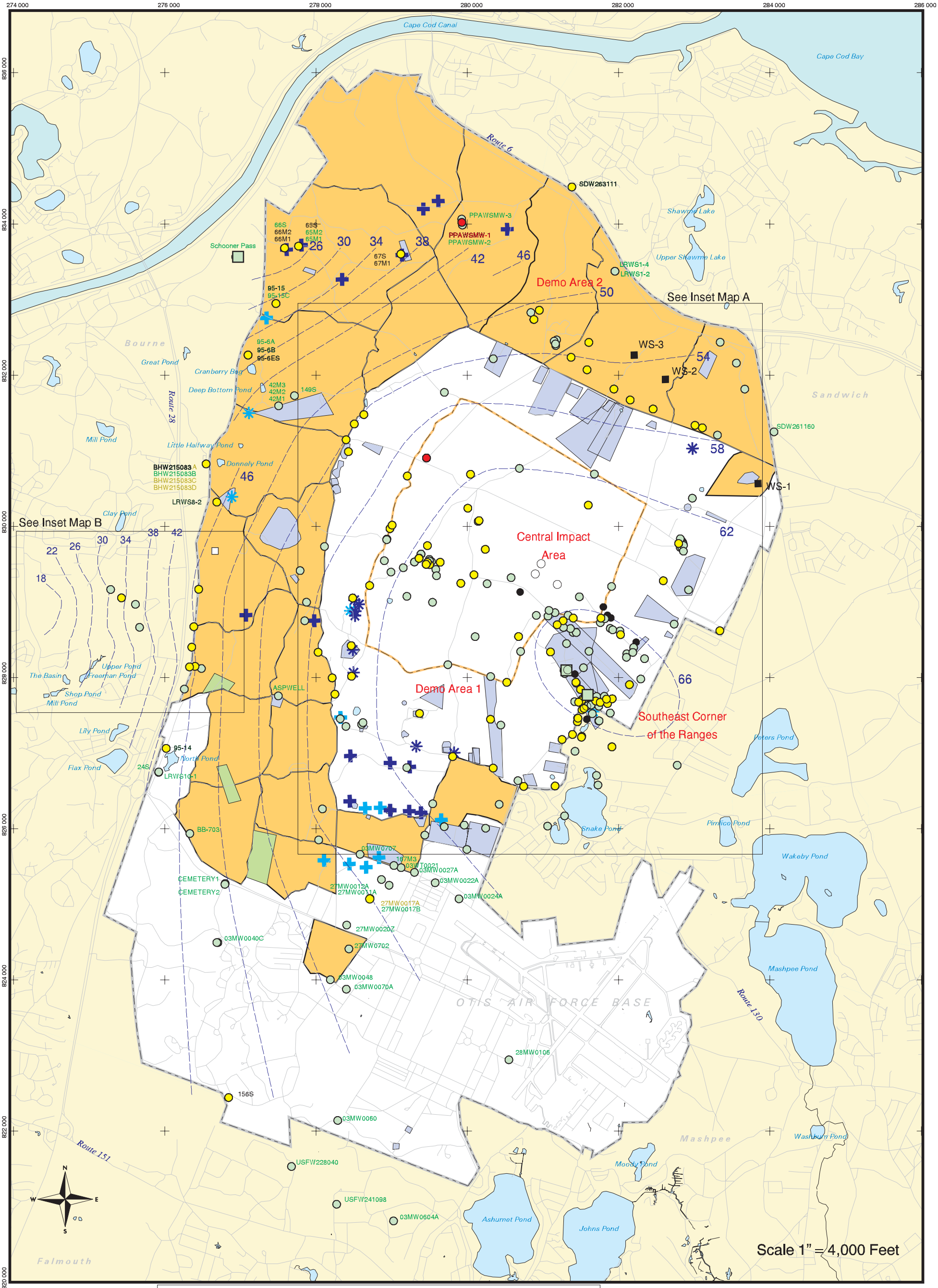
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Future Supply Well
- Combat Training Areas
- MilitaryTraining Areas

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 10/25/02



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
- Proposed Water Supply 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
- Existing Supply Well No Data Available

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 7

Herbicides and Pesticides in Groundwater
Compared to
Maximum Contaminant Level/Health Advisories
Validated Data as of 10/25/02

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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

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

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

RANGECON

WS-3 WS-2

SMR-2 SMR-3 SMR-4

MW-244 MW-237 MW-239 MW-228 MW-229 MW-230 MW-234

TEXTRONPW-1 TEXTRONPW-2

J1P-16 J1P-17 J1P-18 J3P-10 J3P-23

SP3-91 SP4-91

LRMW0003 RW-3 RW-1 LRWS4-1 LRWS5-1 LRWS6-1 LRWS7-1

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

11MW0002 11MW0003 11MW0004 11MW0001

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

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

90WT0003 90WT0013 90WT0015 90WT0005 90WT0008 90WT0010 90LWA0007 90MW0039B 90MW0013 90MW0021 90MW0014 90MW0022 90MW0038 90MW0031 90MW0019 90MW0004 90MW0003 90MW0005 90MW0054

ECMWSNP02S ECMWSNP02D ECMWSNP03S ECMWSNP03D

10S 10M1 10D
16S 16D
17S 17M3 17M2 17M1 17D
18S 18M2 18M1 18D
19S 19D
20S
21S 21M3 21M2 21M1 21D
22S
23S 23M3 23M2 23M1 23D
25S
26S
27S
29S
34S 34M3 34M2 34M1
35S 35M2 35M1
36S 36M2 36M1
37M3 37M2 37M1
38S 38M4 38M3 38M2 38M1 38D
39S 39M2 39M1
40S 40M1
41M3 41M2 41M1
43S 43M2 43M1
44S 44M2 44M1
46S 46M3 46M2 46M1 46D
47S 47M3 47M2 47M1 47D
48S 48M3 48M2 48M1 48D
49S 49M3 49M2 49M1 49D
50S 50M3 50M2 50M1 50D
51S 51M3 51M2 51M1 51D
52S 52M3 52M2 52M1 52D
53S 53M3 53M2 53M1 53D
54S 54M3 54M2 54M1 54D
55S 55M3 55M2 55M1 55D
56S 56M3 56M2 56M1 56D
57S 57M3 57M2 57M1 57D
58S
59S 59M2 59M1
60S
61S
62S
63S 63M3 63M2 63M1 63D
64S 64M2 64M1
66S 66M2 66M1
68S 68M1
69S 69M2 69M1
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71S 71M1
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06S
07S 07M2 07M1 07D
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128S 128M2 128M1
130S 130M1 130D
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132S 132M1
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140M1
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143M3 143M2 143M1
144S 144M2 144M1
145S 145M1
146S 146M1
147M3 147M2 147M1
148S 148M1
150S
151S
152M2 152M1
153M3 153M2 153M1
154S 154M1
155M2 155M1
157M3 157M2 157M1 157D
158S 158M2 158M1
159S
160S
161S
163S
166M3 166M2 166M1
168M3 168M2 168M1
170M3 170M2 170M1
174S
181S
187S 187M1 187D
188S 188M1
189S
190M2 190M1
191S 191M2 191M1
192M3 192M2 192M1
193S 193M1
194M1
195S
196S 196M1
197M3 197M2 197M1
198M1 198M2 198M3 198M4
215S 215M2 215M1
216S

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
Existing Supply Well No Data Available

Scale 1" = 1,200 Feet

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

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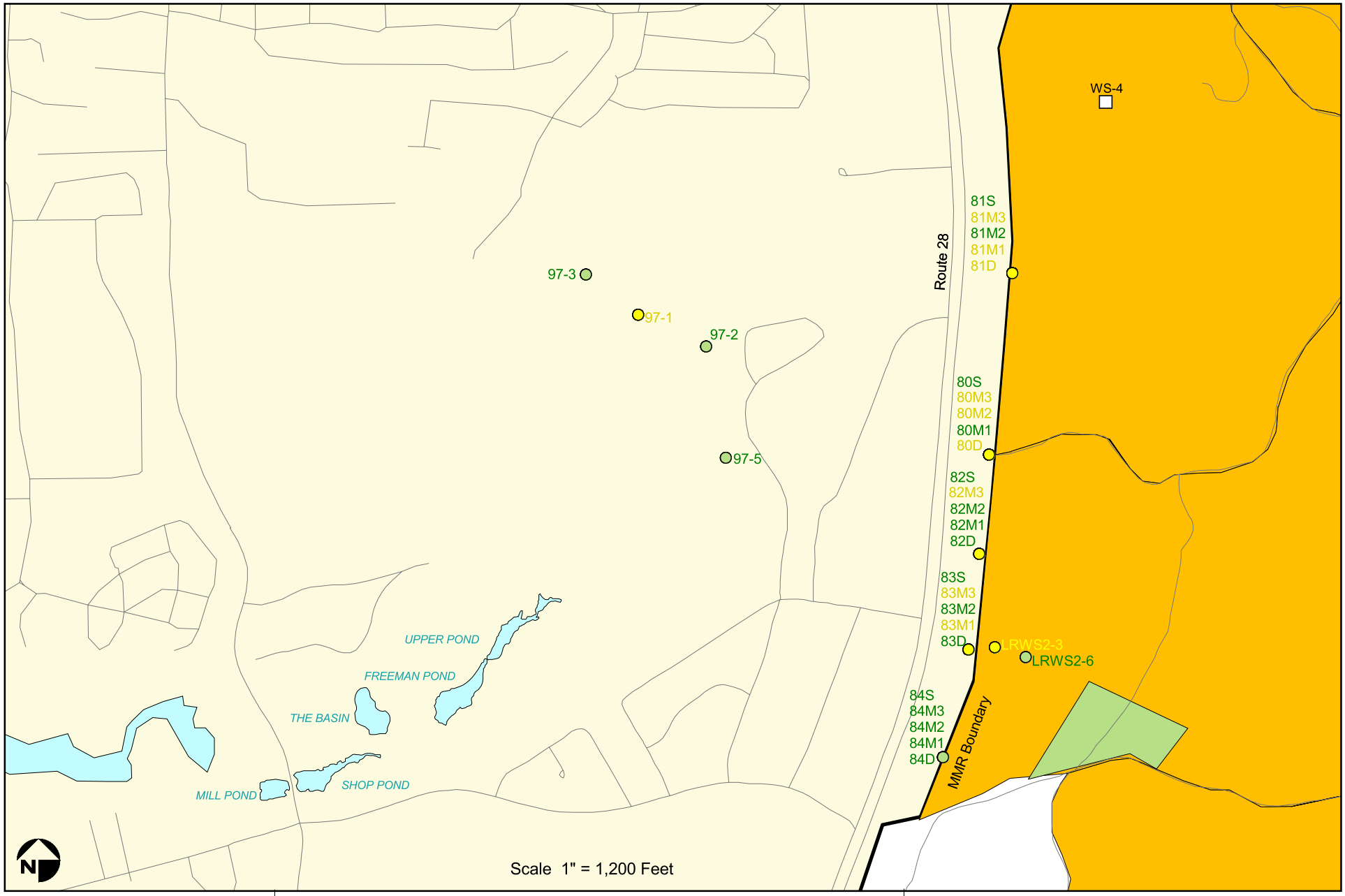
IAGWSP Impact Area Groundwater Study Program

Figure 7 - INSET MAP A

Herbicides and Pesticides in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 10/25/02



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

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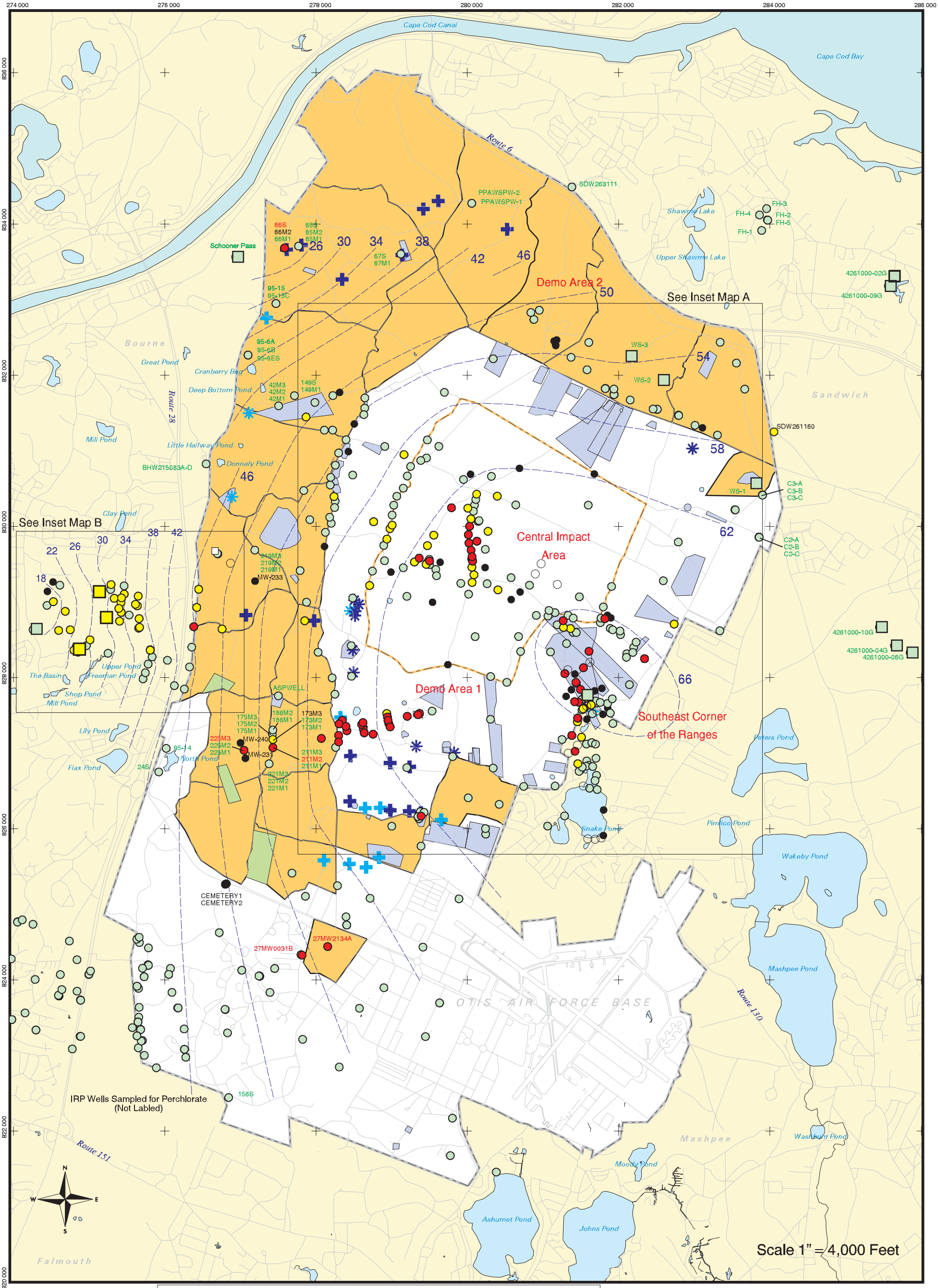
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Future Supply Well
- Combat Training Areas
- MilitaryTraining Areas

IAGWSP

Figure 7 - INSET MAP B

Herbicides and Pesticides in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 10/25/02



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

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 8
Perchlorate in Groundwater
Compared to EPA MMR Relevant Standard
Validated Data as of 10/25/02

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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

Scale 1" = 1,200 Feet

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

RANGECON
USCGANTST

MW-212 MW-51 MW-72 MW-22 MW-9 MW-8 MW-14 MW-3 MW-4 MW-11 MW-235 MW-244 MW-224 MW-49 MW-234 MW-230 MW-237 MW-232 MW-236 MW-238 MW-243 MW-241 MW-242 MW-239

WS-3 WS-2 RW-3 RW-1 LRMW0003

TEXTRONPW-1 LP-10 LP-7 J3P-23 J3P-10 J3P-20 J3P-19 J3P-22 J3P-26 J3P-28 J3P-30 J3P-29

SMR-2 SMR-4

J1P-16 J1P-18 J1P-17

34 38 42 50 54 58 62 66

11MW0003 11MW0002 11MW0004 11MW0001
58MW0018 58MW0020A 58MW0020B 58MW0007C 58MW0007B 58MW0009C 58MW0009E 58MW0003 58MW0015A 58MW0011D 58MW0011E 58MW0002 58MW0005E 58MW0001 58MW0006E
OW-6 OW-1 OW-2
16MW0003 16MW0002 16MW0003A 16MW0004 16MW0001 16MW0005A 16MW0005B
03MW0909 03MW0122A 03MW0925B 03MW0008
27MW0010
USBH027072
90MW0105A,B 90MW104A 90MW0023 90MW0038 90MW0034 90MW0054 90MW0080 90MW0059 90MW0101A 90MW0102A 90MW0063 90MW0070 90MW0071 90MW0022 90MW0014 90WT0004 90WT0013 90WT0008 90PZ0211 90PZ0204 90PZ0208 90SNP001 90SNP002

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

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

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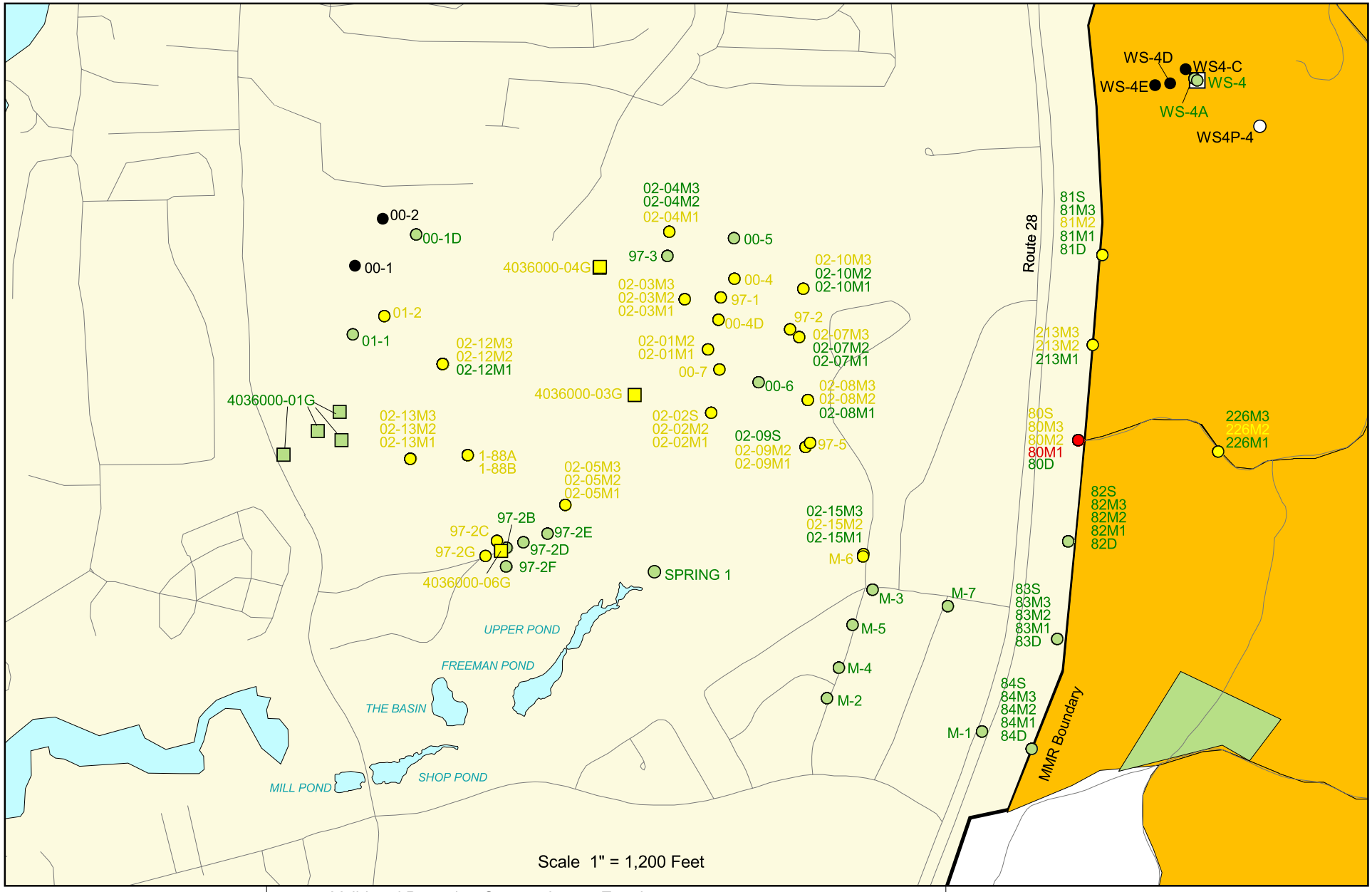
IAGWSP Impact Area Groundwater Study Program

Figure 8 - INSET MAP A

Perchlorate in Groundwater Compared to EPA MMR Relevant Standard Validated Data as of 10/25/02



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

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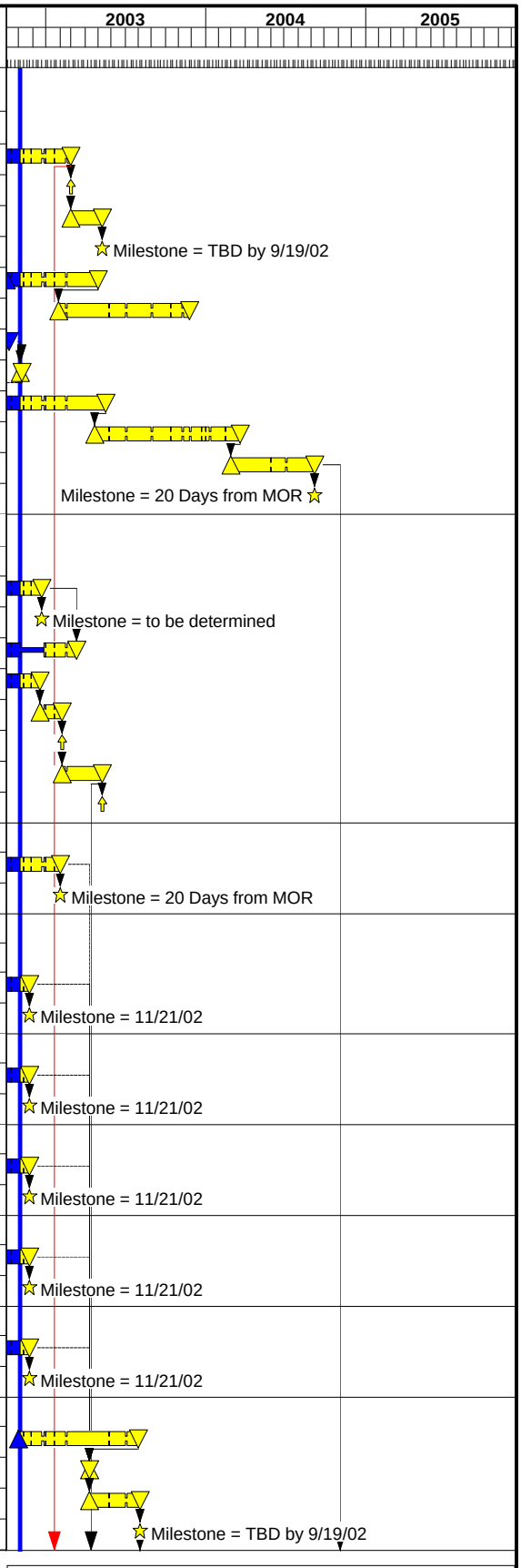
- Validated Detection Greater than or Equal to EPA MMR Relevant Standard
- Validated Detection Less than EPA MMR Relevant Standard
- Validated Non-Detect
- Validated Detection Less than EPA MMR Relevant Standard
- Validated Non-Detect Water Supply Well
- Future Supply Well
- Proposed Monitoring Well
- No Data Available
- 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 10/25/02

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Site Characterization (AO1)					
Demo Area 1					
00190	Additional GW Delineation		76	26NOV01A	25FEB03
00192	Agreement Delineation Complete		0		25FEB03
00193	Prepare GW Report Addendum		53	26FEB03	09MAY03
00194	Draft GW Report Addendum	YES	0		09MAY03
00122	GW RRA/RAM Plan		122	26SEP02A	30APR03
00126	GW RRA/RAM Implementation		210	29JAN03	26NOV03
00169	Guard Submit MORs Soil TM 01-10		0	01MAR02A	08OCT02A
00171	Agencies Approve MORs 01-10		3	04NOV02	06NOV02
00153	Soil RRA/RAM Plan		134	22JUL02A	16MAY03
00155	Soil RRA/RAM Field Work		230	21APR03	19MAR04
00172	Prepare Soil RRA/RAM Completion Rep		135	01MAR04	08SEP04
00159	Final Soil RRA/RAM Completion Report	YES	0		08SEP04
Central Impact Area					
Groundwater Plume Delineation					
00285	Install 17 Additional Well Nests		35	13DEC01A	24DEC02
00287	Complete 17 Additional Well Nests	YES	0		24DEC02
02005	Sample/Analyze/Validate 25 Additional		50	31OCT01A	10MAR03
02015	Sample/Analyze/Validate 8/02 LTGM		29	05AUG02A	16DEC02
02020	Prepare GW Report (MCP Ph.II)		35	17DEC02	06FEB03
02025	Submit Draft GW Report (MCP Ph.II)		0		06FEB03
02030	Revise GW Report (MCP Ph.II)		65	07FEB03	09MAY03
02035	Submit Final GW Report (MCP Ph.II)		0		09MAY03
High Use Target Area 1					
01192	Revise Revised Draft Final Report		60	29AUG02A	31JAN03
01195	HUTA Final Report	YES	0		31JAN03
High Use Target Area 2					
Site #1					
01908	Revise Draft Report		13	03MAY02A	21NOV02
01909	Submit Draft Final Report	YES	0		21NOV02
Site #2					
01918	Revise Draft Report		13	05JUN02A	21NOV02
01919	Submit Draft Final Report	YES	0		21NOV02
Site #3					
01928	Revise Draft Report		13	20JUN02A	21NOV02
01929	Submit Draft Final Report	YES	0		21NOV02
Site #4					
01938	Revise Draft Report		13	27JUN02A	21NOV02
01939	Submit Draft Final Report	YES	0		21NOV02
Site #5					
01948	Revise Draft Report		13	05JUL02A	21NOV02
01949	Submit Draft Final Report	YES	0		21NOV02
Soil Report					
00213	Ecological Risk Characterization		187	31OCT02A	01AUG03
00260	Coordination Meeting CIA Soil Report		1	10APR03	10APR03
00261	Final Revisions CIA Soil Report		80	11APR03	04AUG03
00262	Submit Draft Final CIA Soil Report	YES	0		04AUG03



Project Start 29FEB00
Project Finish 27SEP07
Data Date 04NOV02
Run Date 06NOV02

Early Bar
Progress Bar

UBER

Sheet 1 of 5

Figure 9. Combined Schedule for the Impact Area GW Study Program as of 11/4/02

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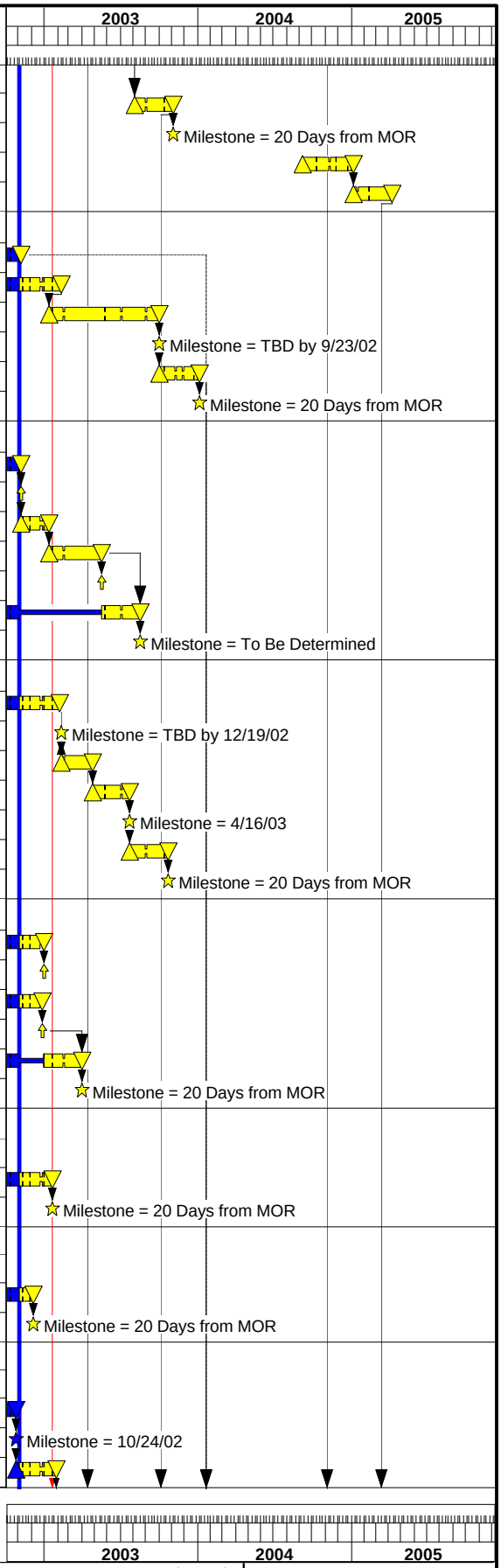
Date	Revision	Checked	Approved

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Soil Report					
00263	Revise Draft Final CIA Soil Report		65	05AUG03	05NOV03
00292	Final Soil Report	YES	0		05NOV03
00294	Draft Final Soil Report (if Eco Field		80	09SEP04	05JAN05
00296	Final Soil Report (if Eco Field Sampling)		65	06JAN05	08APR05
J-1/J-3 Range					
00497	Additional Delineation Rev. Draft Report		3	24MAY02A	06NOV02
00485	Additional Delineation Investigation		68	27MAR02A	12FEB03
00486	J1/J3/L Range Draft Final Rep. Prep.		181	15JAN03	01OCT03
00487	J1/J3/L Range Draft Final Report	YES	0		01OCT03
00488	Revise J1/J3/L Range Draft Final Rep.		65	02OCT03	07JAN04
00489	J1/J3/L Range Final Report	YES	0		07JAN04
Gun/Mortar Positions					
00570	Additional Characterization G/M		3	22APR02A	06NOV02
00575	Submit Draft Final COC Letter Report		0		06NOV02
00577	Revise Draft Final COC Letter Report		45	07NOV02	14JAN03
00580	Prepare Draft Final G/M Report		85	15JAN03	15MAY03
00585	Submit Draft Final G/M Report		0		15MAY03
00549	Gun/Mortar Rev. Draft Final		65	01AUG01A	18AUG03
00550	Gun/Mortar Final Report	YES	0		18AUG03
Training Areas					
00860	Training Areas Background		65	20MAR00A	07FEB03
00862	Start Training Areas Fieldwork	YES	0	10FEB03	
00864	Training Areas Fieldwork		54	10FEB03	25APR03
00870	Training Areas Report Preparation		60	28APR03	22JUL03
00880	Submit Training Areas Draft Report	YES	0		22JUL03
00890	Training Areas Rev. Draft Report		65	23JUL03	23OCT03
00895	Training Areas Final Report	YES	0		23OCT03
Phase II(b)					
01554	Revise Draft SAR Report		38	05AUG02A	30DEC02
01555	Submit SAR Final Report		0		30DEC02
01558	Prepare Draft Final 2b Report		37	09MAY02A	27DEC02
01559	Submit Draft Final 2b Report		0		27DEC02
01560	Revise Draft Final 2b Report		65	20AUG01A	02APR03
01570	Phase II(b) Final Report	YES	0		02APR03
Munition Survey Project					
MSP Phase I					
01625	Revise Revised MSP Phase I Draft		52	04SEP01A	21JAN03
01630	Submit MSP Phase I Final Report	YES	0		21JAN03
MSP Phase II					
ASP Geophysics					
01742	Approve MOR & Finalize		23	15APR02A	06DEC02
01749	Submit Final Report	YES	0		06DEC02
MSP Phase III					
CIA MSP Sites #1 and #2					
01795	Prepare Eastern Test Site Report		0	11JUL02A	24OCT02A
01797	Eastern Test Site Draft Report	YES	0		24OCT02A
01798	Revise Eastern Test Site Draft Report		59	25OCT02A	30JAN03



Project Start 29FEB00
Project Finish 27SEP07
Data Date 04NOV02
Run Date 06NOV02

Early Bar
Progress Bar

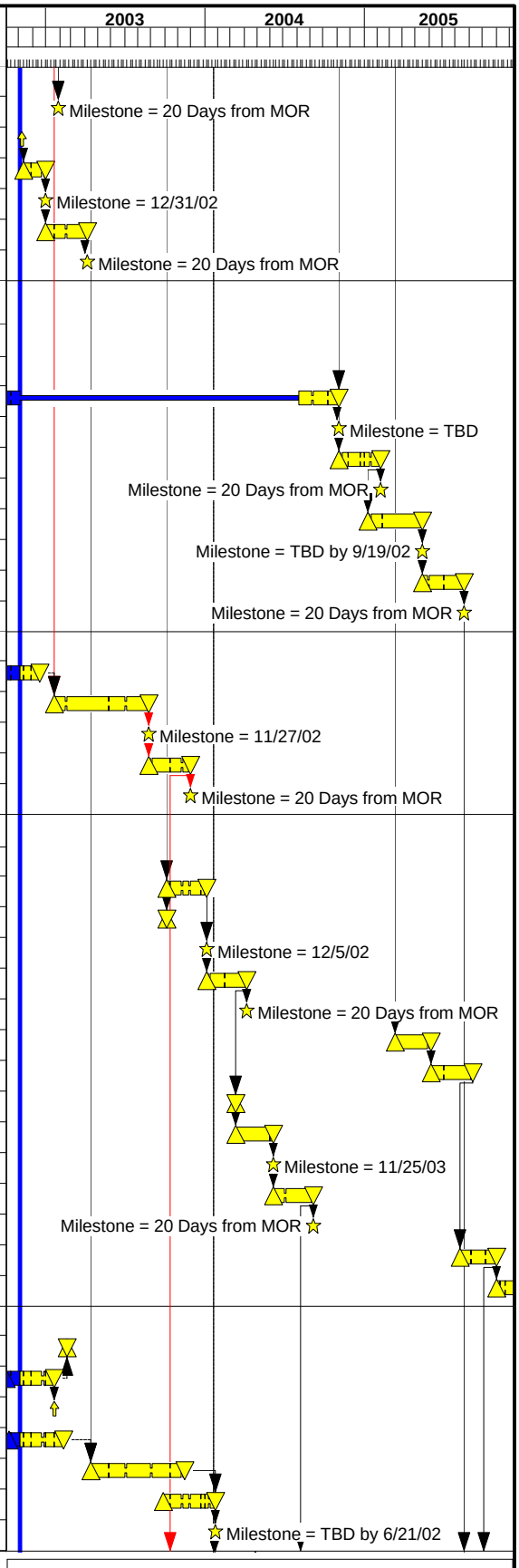
UBER

Figure 9. Combined Schedule for the Impact Area GW Study Program as of 11/4/02

DRAFT

Date	Revision	Checked	Approved

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
CIA MSP Sites #1 and #2					
01799	Submit Eastern Test Site Final Report	YES	0		30JAN03
01802	SCAR Site Complete Fieldwork		0		08NOV02
01803	Prepare SCAR Site Report		34	12NOV02	31DEC02
01804	SCAR Site Draft Report	YES	0		31DEC02
01805	Revise SCAR Site Draft Report		65	02JAN03	04APR03
01806	Submit SCAR Site Final Report	YES	0		04APR03
Feasibility Studies (AO3)					
Demo Area 1					
Soil Operable Unit					
21190	Revise Draft FS Screening Report		63	22JUN01A	03NOV04
21193	Submit Draft Final Demo 1 FSSR	YES	0		03NOV04
21194	Revise Draft Final Demo 1 FSSR		65	04NOV04	09FEB05
21200	Final FS Screening Report	YES	0		09FEB05
21310	FS Preparation		88	12JAN05	17MAY05
21320	Draft FS	YES	0		17MAY05
21330	Revise Draft FS		65	18MAY05	18AUG05
21340	Final FS	YES	0		18AUG05
Groundwater Operable Unit					
21670	Agency Approval of FS MOR		31	02OCT01A	18DEC02
21674	Prepare Revised Draft FS		152	21JAN03	25AUG03
21675	Revised Draft FS	YES	0		25AUG03
21678	Revise Revised Draft FS		65	26AUG03	28NOV03
21680	Final FS	YES	0		28NOV03
Central Impact Area					
Soil Operable Unit					
22110	FS Screening Report Preparation		60	08OCT03	06JAN04
22112	Scoping Meeting for FSSR		1	07OCT03	07OCT03
22120	Draft FS Screening Report	YES	0		06JAN04
22130	Revise Draft FS Screening Report		65	07JAN04	08APR04
22140	Final FS Screening Report	YES	0		08APR04
22142	Draft FSSR (if Eco Field Sampling)		60	14MAR05	06JUN05
22144	Final FSSR (if Eco Field Sampling)		65	07JUN05	07SEP05
22202	FS Scoping Meeting		1	12MAR04	12MAR04
22210	FS Preparation		60	15MAR04	07JUN04
22220	Draft FS	YES	0		07JUN04
22230	Revise Draft FS		65	08JUN04	08SEP04
22240	Final FS	YES	0		08SEP04
22250	(Draft FS if Eco Field Sampling)		60	10AUG05	03NOV05
22260	(Final FS if Eco Field Sampling)		65	04NOV05	09FEB06
Groundwater Operable Unit					
22391	FS Scoping Meeting		1	20FEB03*	20FEB03
22394	Review/Approve Pump Test Report		53	26SEP02A	22JAN03
22395	Submit Final Pump Test Report		0		22JAN03
22396	Update Regional GW Model		67	08OCT02A	11FEB03
22398	GW Flow/Transport Modeling		151	14APR03	17NOV03
22400	FS Preparation		80	29SEP03	26JAN04
22410	Draft FS	YES	0		26JAN04



Project Start 29FEB00
Project Finish 27SEP07
Data Date 04NOV02
Run Date 06NOV02

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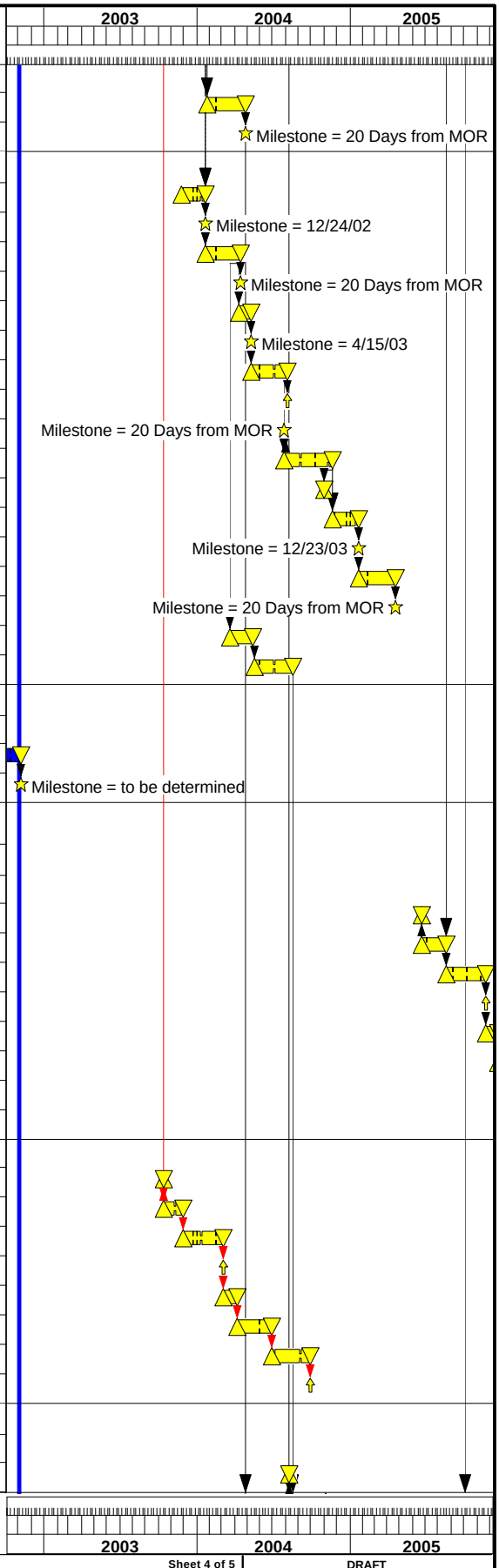
Sheet 3 of 5

DRAFT

Date	Revision	Checked	Approved

Figure 9. Combined Schedule for the Impact Area GW Study Program as of 11/4/02

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Groundwater Operable Unit					
22420	Revise Draft FS		65	27JAN04	27APR04
22430	Final FS	YES	0		27APR04
SE Corner of Ranges					
23110	FS Screening Report Preparation		40	24NOV03	22JAN04
23120	Draft FS Screening Report	YES	0		22JAN04
23130	Revise Draft FS Screening Report		60	23JAN04	16APR04
23140	Final FS Screening Report	YES	0		16APR04
23150	Post-Screening Invest. Workplan Prep.		22	12APR04	11MAY04
23160	Draft Post-Screening Invest. Workplan	YES	0		11MAY04
23170	Revise Draft PSI Workplan		60	12MAY04	05AUG04
23180	Final Post-Screening Workplan		0		05AUG04
23190	Start Post-Screening Investigation	YES	0	30JUL04	
23200	Post-Screening Investigation		80	30JUL04	23NOV04
23202	FS Scoping Meeting		1	02NOV04	02NOV04
23210	FS Preparation		40	24NOV04	24JAN05
23220	Draft FS	YES	0		24JAN05
23230	Revise Draft FS		60	25JAN05	19APR05
23240	Final FS	YES	0		19APR05
23250	(Draft FS if no PSI)		40	22MAR04	14MAY04
23260	(Final FS if no PSI)		65	17MAY04	17AUG04
UXO					
UXO Operable Unit					
24130	Revise Draft FS Screening Report		3	21MAR01A	06NOV02
24140	Final FS Screening Report	YES	0		06NOV02
Remedy Selection (AO3)					
Demo Area 1					
Soil Operable Unit					
31105	Soil RS Plan Scoping Meeting		1	23JUN05	23JUN05
31110	Prepare Draft Remedy Selection Plan		40	23JUN05	18AUG05
31120	Revise Draft Remedy Selection Plan		65	19AUG05	22NOV05
31130	Remedy Selection Plan		0		22NOV05
31140	Public Comment Period		21	23NOV05	22DEC05
31150	Draft Decision Doc/ Response		44	23DEC05	28FEB06
31160	Revise Draft DD/RS		65	01MAR06	31MAY06
31170	Final Decision Doc/ Response		0		31MAY06
Groundwater Operable Unit					
31505	GW RS Plan Scoping Meeting		1	16OCT03*	16OCT03
31510	Prepare Draft Remedy Selection Plan		30	16OCT03	28NOV03
31520	Revise Draft Remedy Selection Plan		65	01DEC03	04MAR04
31530	Remedy Selection Plan		0		04MAR04
31540	Public Comment Period		22	05MAR04	05APR04
31550	Draft Decision Doc/ Response		60	06APR04	29JUN04
31560	Revise Draft DD/RS		65	30JUN04	30SEP04
31570	Final Decision Doc/ Response		0		30SEP04
Central Impact Area					
Soil Operable Unit					
32105	Soil RS Plan Scoping Meeting		1	11AUG04	11AUG04



Project Start 29FEB00
Project Finish 27SEP07
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Run Date 06NOV02

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Figure 9. Combined Schedule for the Impact Area GW Study Program as of 11/4/02

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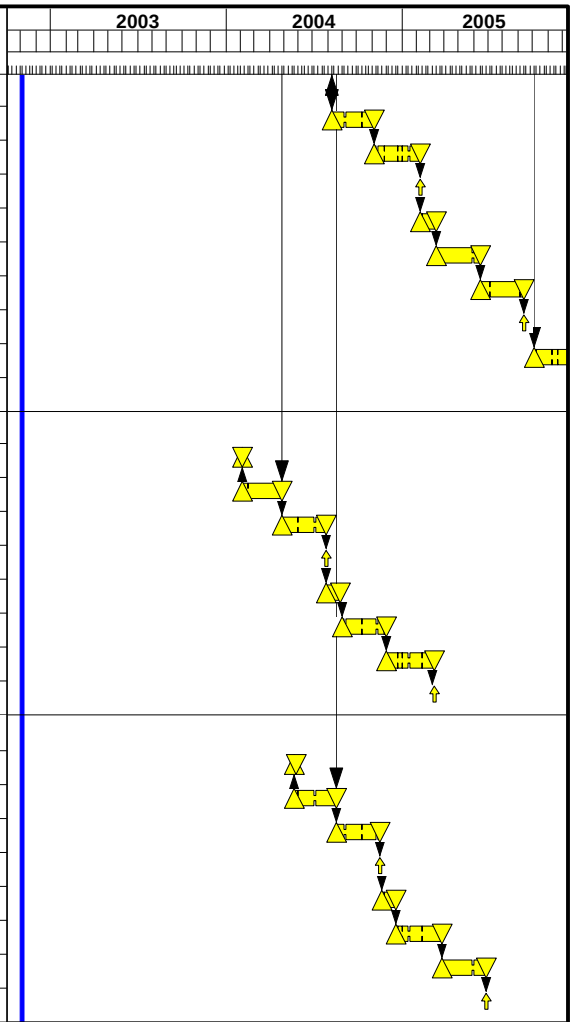
Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Soil Operable Unit					
32110	Prepare Draft Remedy Selection Plan		60	11AUG04	04NOV04
32120	Revise Draft Remedy Selection Plan		65	05NOV04	10FEB05
32130	Remedy Selection Plan		0		10FEB05
32140	Public Comment Period		21	11FEB05	14MAR05
32150	Draft Decision Doc/ Response		64	15MAR05	13JUN05
32160	Revise Draft DD/RS		65	14JUN05	14SEP05
32170	Final Decision Doc/ Response		0		14SEP05
32172	Draft DD/RS (if Eco Field Sampling)		210	06OCT05	08AUG06
32174	Final DD/RS (if Eco Field Sampling)		65	09AUG06	09NOV06
Groundwater Operable Unit					
32505	GW RS Plan Scoping Meeting		1	03FEB04	03FEB04
32510	Prepare Draft Remedy Selection Plan		60	03FEB04	27APR04
32520	Revise Draft Remedy Selection Plan		65	28APR04	29JUL04
32530	Remedy Selection Plan		0		29JUL04
32540	Public Comment Period		21	30JUL04	27AUG04
32550	Draft Decision Doc/ Response		64	30AUG04	01DEC04
32560	Revise Draft DD/RS		65	02DEC04	08MAR05
32570	Final Decision Doc/ Response		0		08MAR05
SE Corner of Ranges (if no PSI)					
33105	RS Plan Scoping Meeting		1	24MAY04	24MAY04
33110	Prepare Draft Remedy Selection Plan		60	24MAY04	17AUG04
33120	Revise Draft Remedy Selection Plan		65	18AUG04	19NOV04
33130	Remedy Selection Plan		0		19NOV04
33140	Public Comment Period		21	22NOV04	21DEC04
33150	Draft Decision Doc/ Response		64	22DEC04	25MAR05
33160	Revise Draft DD/RS		65	28MAR05	27JUN05
33170	Final Decision Doc/ Response		0		27JUN05



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Project Start 29FEB00
Project Finish 27SEP07
Data Date 04NOV02
Run Date 06NOV02

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Progress Bar

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Sheet 5 of 5

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Date	Revision	Checked	Approved

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