MONTHLY PROGRESS REPORT #66
FOR SEPTEMBER 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 September 1 to September 31, 2002. Scheduled actions are for the six-week period ending November 8, 2002.

1. SUMMARY OF ACTIONS TAKEN

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

Table 1. Drilling progress as of September 2002

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-233	Base WS-4 sentry well (WS4P-2)	415	199	356-366; 331-341; 231-241
MW-235	Central Impact Area (CIAP-24)	330	202	320-330; 154-164; 127-137
MW-236	L Range (LP-9)	250	153	96-106
MW-237	J-3 Range (J3P-21)	210	159	80-90; 49-59
MW-238	L Range (LP-8)	260	163	183-193; 125-135
MW-239	J-3 Range (J3P-27)	211	191	180-190; 150-160; 60-70
MW-240	Demo Area 1(D1P-15)	230	132	
MW-241	L Range (LP-5)	250	152	

bgs = below ground surface
bwt = below water table

Completed well installation of MW-233 (WS4P-2); MW-235 (CIAP-24); MW-236 (LP-9); MW-237 (J3P-21); MW-238 (LP-8); MW-239 (J3P-27), completed drilling of MW-241 (LP-5) and commenced drilling of MW-240 (D1P-15). Continued well development for newly installed wells.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-237, MW-238, MW-239, MW-240 and MW-241. Groundwater samples were collected from Bourne supply, test, sentry, far field and monitoring wells; as part of the Site-Wide Perchlorate sampling; as part of the August Long Term Groundwater monitoring round; from Sandwich supply wells; and from recently installed wells. Water samples were collected from the GAC treatment system and from the FS-12 treatment system influent and effluent. Surface water samples were collected from Snake Pond.

Soil samples were collected from soil boring B-40 through the drywell at the Workshop Building on the J-3 Range. Post-detonation soil samples were collected in the J-1 and the J-3 Range.

As part of the Munitions Survey Project, soil samples were collected from J-2 Range and N Range anomalies. Samples of a waxy substance were also collected from the J-2 Range Anomaly 2D excavation. Pre-detonation and post-detonation soil samples were collected from J-2 Range and N Range anomalies. Post-excavation soil samples were collected from HUTA 2 Transect 2, Eastern Test, and Scar Rocket sites.

The following are the notes from the September 5, 2002 Technical Team conference call held in lieu of regular meeting at the IAGWSPO:

PunchList Items

#5 Discuss reporting of Perchlorate <1ppb with Dan Mahoney (Sandwich) (EPA). Sandwich Water Supply wells can now be sampled for explosives. AMEC will report when sampling is scheduled. No go ahead yet on Perchlorate sampling and reporting values.

#12 Provide update/action of BIP soil results CIA, Eastern Test and SCAR Sites. Ellen Iorio (ACE) indicated that soil excavation will commence Friday 9/06 at the previously discussed BIP sites (with elevated detections of explosives and perchlorate). The soil will be manually excavated and containerized in 55-gallon drums; drums to be staged at Tetra Tech's staging yard. Final soil disposition to be addressed in accordance with a soil management plan currently in progress and upon securing the necessary funding, likely FY03 funds.

MSP3 Update

Rob Foti (ACE) provided an update on MSP3 tasks.

Air Mag. The 22 anomalies selected have all been investigated. A list of items associated with each anomaly will be presented to the agencies next week. Anomaly 5-2625 was determined to be guy wire tie-downs. The crew excavated 2 feet around this anomaly and no other items were found. Overall nothing significant was found during the anomalies excavations. Prior to backfilling the excavations, Dr. Sue Goodfellow (E&RC) will visit the sites.

J-2 Range Polygon 2. The anomaly investigation/excavation work will recommence Monday, 9/9.

SCAR Site. Surface grubbing and geophysics work is complete. A digital map is being produced and is expected to be distributed to the agencies on 9/19. Todd Borci (EPA) requested that the map be distributed in advance of the 9/19 Tech Meeting.

N Range. The original 10 anomalies are finished. The 3 additional anomaly picks requested by EPA are in the process of being completed. Pick #11 turned out to be a steel plate and cable. A crew is working on Pick #12 and will proceed to Pick #13 next. Pick #7 was unrecognized wire and tubing; Nick Iaiennaro (ACE) may be able to identify the items. No evidence of burning was observed.

U Range. Surface clearance and grubbing is scheduled to begin Monday 9/9.

Schooner Pass

John Rice (AMEC) provided information regarding the Schooner Pass well located near the northwest corner of MMR.

- The well at Schooner Pass Condominiums was resampled Tuesday 9/3. The previous sampling event results have been validated. Perchlorate was non-detect; RDX was detected at a low level (0.28 ppb). Len Pinaud (MADEP) stated that the DEP has not required the water supplier to perform sampling for explosives. It is the DEP's expectation that this water supply will continue to be sampled by the IAGWSP. Dave Williams (MDPH) asked when the new data will be available and if it would be distributed to the Tech team.

Mr. Rice indicated that the results are expected in the next day or two and would be submitted to the Guard/Corps for their distribution.

- Todd Borci asked what additional sampling/monitoring would be proposed for this well; suggesting that monthly sampling was preferred until a pattern was discerned. Mr. Borci also requested that someone retrieve all available data and information pertaining to wells 95-15A and 95-15C, which are assumed to be upgradient of Schooner Pass, and also to determine if there are any other wells located in this vicinity.
- Jay Clausen (AMEC) later indicated review of past chromatographs of water from these 95-15 screens did not show peaks where explosives would be expected. Mr. Clausen was not aware of perchlorate results for these wells. Review of database results after the conference call indicated perchlorate results as follows: 95-15A was ND for Perchlorate at 0.35 ppb MDL; 95-15C was ND for Perchlorate at 1.5 ppb MDL to be sampled again at the lower MDL as part of the August LTGM round.
- Action Items: 1) Guard/Corps to provide the EPA with a proposed plan to address the recent findings at Schooner Pass. 2) Guard/Corps to determine what information and data is available for any wells in the vicinity of this area, in particular 95-15A and 95–15C.

Documents / Schedule

EPA requested that the master schedule distributed by Marc Grant (AMEC) be modified such that enforceable milestones could be easily cross-referenced with the dates depicted for each specific task. Discussion of this subject to be included in the 9/12 Tech meeting agenda.

IART Maps

Todd Borci (EPA) and Pam Richardson (IAGWSPO) led discussion on IART map changes.

- During last week's PM/CI meeting several changes were proposed to the IART maps. Todd Borci asked if these changes were underway. Corps/Guard to report progress at 9/12 Tech meeting.
- Mr. Borci further elaborated that he had received a telephone call from a resident of the Snake Pond area, who adamantly opposed the depiction of their private well and property address on these maps. Len Pinaud (MADEP) proposed, with Mr. Borci's concurrence, that residential wells be removed from any maps distributed to the public in the future. Meghan Cassidy (EPA) expressed concern that this information (map showing residential wells) be kept available (archived) in the event that other individuals request the original versions of such maps, as they were made available to the general public in the past.

Bourne Update

Jay Clausen/John Rice (AMEC) led the discussion on the Bourne area.

- Monthly and weekly sampling of Bourne wells is on going. Maps depicting particle backtracks from monitoring wells in and upgradient of the wellfield are currently in review and should be available next week for distribution to agencies.
- Len Pinaud (MADEP) asked about the status of the proposed wells in this area. Mr. Clausen indicated that his direction from the Guard/Corps was to install one well between WS4P-2 and WS-4 at approximately the mid point of these two locations, and one well located upgradient of the RRA-1 well. Leo Yuskus (Haley and Ward) remarked that this differs from what was agreed upon at the Bourne Water District meeting held last week. Mr. Yuskus elaborated that 2 wells were proposed between WS4P-2 and WS-4 to be spaced equidistant from one another (i.e., in thirds) and that a third well location was proposed at approximately the midpoint between WS4P-1 (MW-219) and WS-4 wells. Gina Tyo (ACE) agreed that these 3 wells and the locations as Mr. Yuskus proposed were presented at the Bourne meeting. Mr. Yuskus indicated that he wants high priority given to sampling upgradient of WS-4 to appraise its future usefulness. Ms. Tyo stated the ROA's for all wells

should proceed immediately, and that the timing/coordination for these wells is critical since some may require FY03 funding.
- Mr. Yuskus asked if a well screen sample had been collected at WS4-P2. Mr. Rice indicated that the drill rig was still at the well location; demobilization off the pad was delayed due to broken drill stem while installing another well screen at WS4-P2.
- Gina Tyo to provide clarification on which wells will be installed and where; and confirm when the agencies will receive the particle track maps.

Miscellaneous
- Todd Borci (EPA) requested a copy of interviewee/witness list for the ASR. Action Item: Gina Tyo (ACE) to email ASR witness list to EPA. ASR Update will also be added to the tech meeting agenda next week.

The following are the notes from the September 12, 2002 Technical Team meeting at the IAGWSPO:

Punchlist Items

#4 Provide table listing items from AirMag and N-Range anomaly excavations (Corps). Provided earlier this week.

#5 Provide status of anomalies digital map for Scar Site prior to 9/19 Tech meeting (Corps). To be provided by Monday, 9/16.

#6 Provide analyses for wells 95-15a and 95-15c that are upgradient of Schooner Pass (Corps). Table of explosive and perchlorate results for 95-15 well screens distributed at meeting.

- Ellen Iorio (ACE) clarified prior statements (at 8/29 Tech meeting) regarding implementation of the new BIP sampling protocols. Tetra Tech has been sampling soil for perchlorate and PCN analysis in areas where it is known that these constituents were present in the BIPed item. Beginning today, the modifications for covering BIPs will be implemented. AMEC has recently initiated perchlorate and PCN analysis. Tetra Tech is not able to implement explosive analysis using the 8330L analytical method; therefore all future BIP sampling will be performed by AMEC. Ms. Iorio to check on prior post-detonation sampling for perchlorate for previously BIPed LITR rounds.

MSP3 and Southeast Ranges Update

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

AIRMAG. Pursuant to the agencies request, a Schonstedt survey was completed for a 15m section on either side of Barlow Road between Wood and Jefferson Roads. A table of findings is being prepared and will be submitted shortly.

J-2 Range Polygons. Polygon 2D was completed yesterday, 9/11. Crews will be moving to 2U. J-2 Range Polygon 2 sections B, C, E, G, H, K, N, O, P, R, V, X remain to be investigated.

SCAR Site. A digital map of the geophysical data is being completed and should be ready for presentation early next week. Cultural and surface items need further field verification.

N Range. Excavation of all original 10 anomalies and 3 additional anomalies has been completed. Anomaly 11 was a steel plate. Anomaly 12 was a burial area with 59, 3 1/2-inch Rockets with suspect fuzes; these items to be BIPed. Dr. Susan Goodfellow (E&RC) has reviewed the excavation areas and approved their backfill. Clean up of the area remains.

U Range. Grubbing is 50% complete. 20% of the surface clearance has been completed. Crews are finding 3 ½-inch rockets with suspect fuzes. Todd Borci requested a table showing the overall number of rounds found and what might need to be blown-in-place. Mr. Foti indicated that a running tally would be kept.

Drilling – John MacPherson (ACE) indicated that drilling was being conducted on proposed

locations J3P-21 (J-3 Range) and LP-8 (L Range). UXO clearance was being conducted at LP-6 and J1P-17.

Archive Search Report Update

Carla Buriks (Tetra Tech) presented and update on ASR activities.

- Interviews. Third round interviews are continuing. An update of the interview status will be forwarded shortly. Of potential interviewee's named on the May 8th list, 26 people have been located and contacted, 3 additional people were added by the Guard. One of the Navy representatives found living in Florida, was contacted and expressed a willingness to be interviewed, but the information packet that was forwarded was sent back marked "return to sender". The private investigator will follow-up with this Navy witness. A list of additional leads has also been compiled for Guard review and can be provided to the agencies.
- Todd Borci stated that the Guard should not be prioritizing the interview list or adding/substituting interviews without EPA input. Gina Tyo (ACE) responded that no names had been substituted/replaced on the original list, only names had been added.
- The Witness Interview Summary Table that will summarize interviewee information for witnesses 25-52 is being reviewed by the Guard this week. It will be made available for IART distribution once approved by the agencies.
- In regard to the Web site, the 2001 ASR has been posted. Interview information will be linked in. As applicable, whole sections of the ASR will be replaced on the web site as the sections are revised. Appendices, which have recently been scanned in, will be added; Appendix 53 will be the first to be added next week.
- The Witness Interview Summary Table and maps provided as a part of interviews will also be posted on the web site. The actual interview summaries will not be posted in order to offer as much anonymity to the witnesses as possible. The interview summaries provide pertinent background information on the witnesses (length/year of service, positions held, etc.) that could lead to their identification. As an MADEP submittal, this information is in the public record of the project. The concern related to posting of the witness summaries is that it might discourage other witnesses from stepping forward and providing relevant information.
- Regarding agency comments on the draft Revised ASR, Tetra Tech is still looking for additional information; overall the ASR revisions are on track with the response to EPA comments. Revised sections of the document should be completed in early November for submittal to the agencies by mid-December.
- Todd Borci expressed concern that follow-up actions relevant to information provided in the interview summaries were not being addressed. Mr. Borci cited the response to the Witness #30 interview as an example. This witness reported that in approximately 1958, Arthur D. Little disposed of hundreds of pounds of explosives at a bunker in the Impact Area near CS-19. Between the CS-19 bunker and the CS-19 site, soil samples had been collected from three grids. Based on the quantity of explosives disposed, the recommendation was that additional sampling was needed. Mr. Borci inquired as to what was being done as a follow-up action, asking the Corps to specifically review the Witness #30 interview.
- Gina Tyo (ACE) explained that the interview information is shared among the Guard, Corps and contractor technical project managers. Based on the information, the technical team decides what action to pursue and these actions are presented in scoping meetings and workplans to the agencies under the applicable investigatory program. Ms. Tyo cited as an example the Witness #9 interview where it was reported that propellant bags were buried at gun and mortar firing positions. At the technical team's request, additional witness interviews were conducted to explore the various practices of disposing of excess propellant at firing positions. This information was used to scope a geophysical survey to identify

potential burial locations. And further witness interviews were requested to determine training practices conducted prior to 1975. Bill Gallagher (IAGWSPO) added that although there was no formal mechanism for follow-up, all information is reviewed by the Guard's technical team.

- Ms. Buriks suggested that a third column could be added to the Interview Summary Tables to indicate what follow-up action was taken. Mr. Borci requested that the table provide a specific referral to a report where the information is addressed. Dave Hill (IAGWSPO) suggested, and the technical team concurred, that an after meeting be scheduled in two weeks to discuss how the witness information is handled and how the team can document how this information is considered in the groundwater and munitions investigations.
- Ms. Buriks added that with the exception of two interview summaries that would be provided next week, all witness interviews to date have been summarized and distributed to the technical team.

Demo 1 Area Groundwater

Heather Sullivan (ACE) provided on update on Demo 1 Area Groundwater and pertinent issues.

- D1P-15 drilling will likely commence next Thursday; drilling on this location has been delayed because of problems with the installation at WS4P-2. ROAs are being processed for two proposed locations (D1P-16, D1P-17) at the power lines.
- New groundwater sampling results were received for MW-231. Perchlorate was detected in the M2 screen at 1.5 ppb and in the M1 screen at 0.5 ppb (unvalidated).
- Mark Applebee (ACE) asked if MADEP was comfortable that with the installation of wells at P15, P16 and P17 locations and assuming results below 1.5 ppb for Perchlorate, the plume would be adequately delineated. Mr. Applebee asked the agencies consideration of this matter, particularly in light of the detection of perchlorate at 1.5 ppb in MW-231, which was the furthest well to the south along this transect of wells. Len Pinaud (MADEP) stated that considering that non detect for perchlorate had been achieved at the MW-221 location, directly to the east of MW-231 (furthest well south on Pew Rd), that it would be prudent to have a non detect for perchlorate at a southern-most well location along the line of wells to be installed at the power lines rather than south of MW-231. This would provide a clean boundary line for the west end of the plume.
- The Corps/Guard agreed to add this third "power-line" well into the schedule. Mr. Applebee to adjust the schedule for completion of plume delineation, which is in the critical path for completion of other RRA/RAM activities.
- To Mr. Borci's inquiry, Mr. Applebee and Jay Clausen (AMEC) indicated that the Demo 1 Area groundwater model is still being revised.

Central Impact Area Additional Wells

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

- The proposed location for CIAP-14 is in a moderately sensitive cultural resource area. Therefore, Dr. Goodfellow has asked that the well proposed to be installed at this location be drilled without disturbing the soil or that the location be moved.
- John MacPherson (ACE) explained that an embankment along the roadway where the well is being installed needed to be cut into to provide the minimum-allowable 40-foot wide drill pad. Therefore, the Corps proposed that the well be moved back to its original location, 100 feet to the west along the road.
- Todd Borci asked that the Guard/Corps explore what would be required for a cultural resources survey as opposed to moving the location. Karen Wilson (IAGWSPO) to coordinate with Dr. Goodfellow to provide input at the 9/19 Tech meeting.

- Maria Pologruto (AMEC) indicated that drilling of this well was currently scheduled to begin on 12/01.
- The Aquifer Test Report will be forwarded to the agencies for review shortly.
- A description of the Target Sampling and results (hits only table) will be provided to the agencies within two weeks. Complete information will be provided in the report.
- Regarding the EcoRisk Assessment for the Central Impact Area, Len Pinaud (MADEP) proposed that the agencies/Guard/Corps and the technical support team have a "summit" with a goal of placing boundaries on the Central Impact Area Soil Operable Unit. Should the operable unit include the entire impact area (2200 acres), or be limited to the areas of the intersection of Tank Alley and Turpentine Roads and the targets, or (more likely) something in-between? Definition of the boundaries is critical for making decisions regarding data gaps and Eco Risk needs. Meeting targeted for 9/26.
- For this meeting, EPA/MADEP requested that the Guard compile all pertinent information from the HUTA1 Report, revised HUTAll Reports, Central Impact Area Soil Report, Archive Search Report, AirMag and information regarding Mortar Target 9.

Schooner Pass

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

- Information on the well had been distributed to the Tech team last week. Results for resampling of the well were non detect for explosives and perchlorate. However, peaks on the chromatographs were noted at levels below the reporting limit (RL) in the retention time window for RDX. AMEC also reviewed all previous results of samples from this well and it was determined that a peak below the RL for RDX is also present in the results from prior sampling events. Based on this review, the Guard concludes that RDX is likely present in groundwater at Schooner Pass in a concentration that fluctuates above and below the RL.
- All 95-15 well screens are and have historically been non detect for explosives.
- Ben Gregson (IAGWSPO) indicated that he had relayed the resampling results to the Schooner Pass water superintendent via an answering machine message. Monthly monitoring of the well for explosives and perchlorate had also been offered via this message. This offer was also relayed to Jeff Rose (MADEP Water Supply) who felt that this was a reasonable course of action. MADEP to initiate further contact with the Schooner Pass condominiums, if needed.
- A figure was distributed showing particle backtracks from the Schooner Pass well originating from 10, 20, 30, and 40 ft below the water table. The backtracks which tracked between GP-19 to the south and GP-16, GP-14 and L-3 Range to the north, as far back into the northwest corner of the base as Orchard Road, pointed to no obvious sources of any explosives compounds.
- Todd Borci requested that soil data for surrounding areas (especially GP-19) be checked for explosive detections. Mr. Borci also asked how confident the Guard was of the groundwater flow direction at the Former A Range, requesting that the Guard check on the last time groundwater elevations had been measured in the surrounding area. It was also suggested that the Guard investigate how the leaching beds at the wastewater treatment plant southwest of Schooner Pass affected groundwater flow and identify wells associated with the leaching beds. The 102nd FW engineering group should have information on monitoring wells and local groundwater effects.

IART Maps

Tina Dolen (IAGWSPO) led the discussion on IART map revisions.

- Two example IART figures were distributed. Figure 5 depicted the Central Impact Area plume map overlain with red/yellow/green circles to indicate available validated perchlorate

data at the monitoring wells. Figure 6 depicted the Southeast Ranges Perchlorate plume overlain with red/yellow/green circles to indicate available validated perchlorate data. At each well location, the color of circle represented the highest detection of perchlorate ever reported for any well screen at the location.

- Todd Borci indicated that these figures looked liked what the IART team had requested.
- John Rader (AMEC) stated that all residential well locations had been removed from the GIS "all points" data set. Residential wells would no longer be displayed on any map, without a specific request.
- Tech team agreed to schedule the 9/19 IART Dry Run for 9 am. The 9/19 Tech meeting was rescheduled for 12 pm, noon.

Phase IIb Update

Ben Rice (AMEC) led a discussion on status and upcoming actions for the Phase IIb sites. Phase IIb comprises 50 sites that have been placed into 5 groups based on similarities in use, stage of investigation or anticipated follow on actions as follows:

1) Small Arms Ranges – inactive and active.
2) Demo Area 2
3) Former A&K Ranges
4) Other Sites
5) Training Areas

Small Arms Ranges. Draft Report has been submitted. 28 Ranges were investigated. 14 Ranges were recommended for additional actions. The Guard is awaiting agency comment. EPA/MADEP comments to be forwarded at end of the week of 9/16.

Demo Area 2. Draft Workplan was submitted for additional delineation of soil and groundwater and to identify a source. Todd Borci indicated that the Workplan looked good. EPA/MADEP comments to be submitted on/around 9/18.

Former A/K Ranges. Workplans for these areas have been on hold because they involve additional OE characterization work. The site-wide OE characterization Workplan is funded for FY03 to be completed by ECC. Former A Range will likely be identified as an operable unit. EPA suggested that while OE characterization is being completed, Interim Reports can be generated for the proposed soil and groundwater investigations and MSP3 recommendations, modeled after the approach used at the Southeast Ranges. A Final Report can be generated when the OE characterization work is complete. Former K Range investigatory work involves both firing point and down range targets; anomalies have been identified in the target areas. EPA and MADEP suggested that the munitions work should go forward prior to further soil characterization at the targets and that investigation of the firing point should be conducted with the target characterization work.

Other Sites. Includes Succonsette Pond, U Range, Inactive Demo Sites, etc. Additional data collection is scoped for these sites, but implementation of this work awaits the results of the geophysical surveys. Mr. Borci preferred that the geophysical surveys be conducted prior to the soil characterization. Bill Gallagher indicated that the Guard would like to finalize the Phase IIb report, segregating out specific sites as Operable Units for additional actions. Mr. Borci to consider, requesting that the Guard provide a list of how the sites would be addressed prior to submission of the Draft Final Phase IIb Report. Phase IIB further action list to be provided week of 9/16.

Training Ranges. Workplan submitted to the agencies is approximately 2 years old. No comments received to date. Tech team agreed to have scoping meeting for Training Ranges Workplan revision in late October (10/17).

Bourne Update

Bill Gallagher (IAGWSPO) led the discussion regarding the Bourne area investigations. Figures showing particle backtracks from well screens upgradient of Bourne where perchlorate was detected in groundwater or profile samples and a preliminary plume map were distributed.

- The Guard has agreed to provide well head treatment for Bourne Production Well 1. Currently, pilot testing of technologies is being conducted. The Guard's intent is to move forward quickly.
- Problems with installation of the last well screen at the WS4P-2 location (MW-233) have delayed development and sampling of the other two well screens at this location. Data from this location is viewed as critical in assessing the location of additional sentry wells upgradient of WS-4. The Guard has proposed to submit ROAs for three well locations, two between WS-4 and WS4P-2 (MW-233) and one between WS-4 and WS4P-1 (MW-219). The Guard's proposed approach is to drill one well 1/3 of the distance from WS-4 to WS4P-2. Once data from this well is received, the approach for additional well installation would be reevaluated. Leo Yuskus (Haley and Ward) stated that it was the Bourne Water District's preference that all 3 wells upgradient of WS-4 would be installed immediately in an effort to achieve two "clean" wells upgradient of WS-4. This would facilitate obtaining the MADEP Water Supply's approval for use of WS-4 for an emergency water source. With MADEP's approval this well could potentially be on-line in approximately 2-3 weeks. Len Pinaud (MADEP) requested that the one proposed well that had been agreed to be placed on the maps.
- An extended discussion among the Guard, MADEP, MDPH, EPA, and Haley and Ward ensued on the Bourne-area perchlorate plume map. Among the opinions expressed were the following:

  Mark Panni (MADEP) – area between contour line for non detect and 1 ppb should not be shaded.

  Todd Borci (EPA) – The plume area seemed to depict an area of detections rather than a defined plume. Monitoring wells where perchlorate had been sporadically detected were included within the plume. This was not the case for plume delineation in other areas. Plume should be cut off to the east at MW-70 where there have been no detections of perchlorate. Mr. Borci also questioned how the contour line had been drawn between MW-80 and 97-5.

  Len Pinaud (MADEP) – drawing of the plume should be consistent with criteria for drawing plumes in other areas of the base. A solid contour line should be used north of MW-213 and south of MW-80, only the leading edge should be dashed. How the plume map was to be used should be a consideration as to how it should be drawn – if the use was for the IART distribution, it should be drawn similarly to other maps for IART distribution.

  Ben Gregson (IAGWSPO) – indicated that the map was being produced at the request of the IART team. Differences in this map could be attributed to the Guard's sensitivity to the uniqueness of the Bourne investigation.

  Dave Williams (MDPH) – plume should probably only include wells with consistent detections.

  Leo Yuskus (Haley and Ward) – maximum concentrations for wells where the detections have been between 1 and 0.35 ppb should not be used. Averaged values seem more appropriate. The plume should be contoured with different intervals such as 1.5, 1, 0.5 and 0.35 ppb.
- The Guard to evaluate input and refine Bourne Perchlorate plume map.

Scrap Contract Update

John MacPherson (ACE) led a discussion on the scrap contract.

- Water that had collected on the pad and in the surrounding sumps had been sent for off-site

disposal. It is assumed that this wastewater was of similar composition to other wastewater on the pad that had been previously collected in drums. Confirmatory sampling will be completed of water in sumps as the sumps collect water run-off from the pad, to ensure that the containment pad is clean.

- Desiree Moyer (EPA) reviewed the issue that had elicited EPA's concern regarding wastewater management practices at the scrap yard. Six or seven 55-gallon drums containing pad run-off had been staged at the containment pad. Analysis of the wastewater showed detections of 1,3,5-trinitrobenzene and 2,6-DNT. In a recent inspection of the scrap yard, the drums could not be located.
- Ms. Moyer noted as an additional concern that the sumps were observed not to be properly sealed off from pond water that had recently collected on the pad. It appeared that the sump water and ponded rainwater had been combined and disposed off-site.
- Mr. MacPherson indicated that USA Environmental (scrap contractor) had reported that the drums of this wastewater had been left opened and the water in the drums had been allowed to evaporate over a period of 3-4 weeks. This practice was not at the direction of the Corps, which had intended for the wastewater to be shipped off-site for disposal. Nor had the open containers been specifically inspected during the Corps routine inspections of the scrap yard. The drums had since been reused for containment of soil and were staged at the pad. It was not known if the drums were cleaned prior to reuse. Gina Tyo (ACE) indicated that in response to this activity, the Corps intended to pursue the following actions:
  - address improper management practice with contractor.
  - issue a Corrective Action Report.
  - prepare an Action Plan providing clear direction on how wastewater is to be handled (including description of proposed additional sump and pad water sampling).
  - transition to a Scrap contractor who has an environmental background.
- Ms. Moyer requested the following information as a follow-up:
  - waste profiles and waste manifests
  - descriptions of actions
  - Corrective Action Report
  - Action Plan to outline way forward
  - information on whether the former wastewater drums were cleaned prior to reuse
  - identification of individual/office responsible for inspection of waste satellite accumulation areas on base,
  - a proposal from the Corps for alternative scrap yard sites (preferably in the Central Impact Area target areas) and procedures
  - and a date by the next technical meeting when the alternative scrap yard sites and operation descriptions will be provided.

Documents and Schedules

Marc Grant (AMEC) reviewed document and schedule issues.
Dave Hill (IAGWSPO) indicated that the MOR for the J1/J3/L Ranges Additional Delineation Report would be revised and forwarded to the agencies.
Demo 1 Biota Field Sampling Workplan is the 1st priority for the Guard. MADEP comment to be forwarded by 9/13.
Small Arms Ranges Report – 2nd priority.
Demo 2 Additional Delineation Workplan – 3rd priority.
J1/J3/L Ranges Report request for extension was granted but required identification of a submittal date by 9/23.
Bourne Perchlorate Response Workplan – draft to be issued on 10/25.
J-2 Range Report – EPA requested that date for report be provided by 9/23.
MSP1 Report MOR – Corps to reissue MOR for EPA review.

Draft Final MSP2 ASP Report – Mr. Borci questioned text which stated that at the direction of EPA, ash contained in drum was returned to the excavation and backfilled. Drum was wrapped in plastic and staged. Ms. Iorio explained that the text was incorrect. The drum with ash was wrapped in plastic and staged at scrap yard. Ash had not been returned to excavation. Drum to be identified on pad and explanation to be provided to EPA in writing. To be tracked as punchlist item.

The following are the notes from the September 19, 2002 Technical Team meeting at the IAGWSPO:

Punchlist Items

#2 Provide update for sampling/reporting Perchlorate for Sandwich Water District (EPA/MADEP). EPA would like to arrange a joint meeting between EPA/MADEP/Guard and Sandwich Water District. Todd Borci to contact Dan Mahoney.

#6 Provide Scrap Yard information (Corps). Frank Fedele (ACE) provided copies of manifests and supporting analytical data for sump and pad water and cleaning water that was shipped off-site in two containers on 9/10; one containing 5000 gallons and another containing 2115 gallons. Wastewater was shipped to Environmental Compliance Corporation in Stoughton. Since this disposal, more water has accumulated on the pad and in the sumps. The sumps have been sealed off such that no water can get into or out of them. Water on the pad has been containerized. Samples of the sump water have been collected for explosive analysis. The pad water is to be sampled shortly. Eleven drums are staged at the scrap yard. Eight drums contain soil from target scrap. Two drums contain oily solids with adsorbent material from pad cleanup. One drum contains oily soil from Targets 13, 15, and 44. This drum of soil was sampled earlier this week for the full suite of analyses. Soil in the other drums was previously characterized based on prior sampling of soil from the same area. Some of the drums are the drums that previously contained wastewater from the pads that was contaminated with 1,3,5 -trinitrobenzene and 2,6-dinitrotoluene. A letter requesting information on the cleaning of these drums, among other issues, was sent to the scrap contractor. The Guard will need to decide if the soil placed in the drums that previously contained wastewater is adequately characterized. This issue is to be discussed with Nicole Brooks (MMR environmental office). Scrap yard will be demobilized once the Corps achieves clean samples from the sump and pads. A Corrective Action Plan regarding scrap yard operations is under internal review and will likely be provided to the agencies by the 9/26 Tech meeting. A separate meeting will be set up next week to follow-up with this issue. Information to be provided is a summary of what has happened to date and different procedures to handle scrap.

#7 Provide update list of rockets found at U Range (Corps). Table provided at meeting. Corps still needs to determine which items will need to be BIPed. This information to be provided to the agencies when a determination is made.

#8 Identify location of drum with ash from ASP area. (Corps). Rob Foti (ACE) and Desiree Moyer (EPA) identified this drum in the staging area on 9/18. Drum to be placed in an overpack, probably today. Ellen Iorio (ACE) indicated that Corps was preparing a program to address all investigation-derived waste with FY03 funds. The Corps would to prefer to do the disposal comprehensively. However, this particular drum of waste could be addressed individually, at the agency's request. Desiree Moyer (EPA) suggested the Guard check with the Base Environmental Office to see if this drum is considered a RCRA waste and whether the 90 day accumulation period applies.

#10 Provide review of post-BIP sampling for Perchlorate in conjunction with LITR rounds (Corps). Table provided at meeting. Corps to add column in table indicating type of round

next week. Post-BIP sampling for perchlorate to be completed for all LITR round BIPs in the future.

Bourne Update

Bill Gallagher (IAGWSPO) led a discussion on the Bourne area. A schedule of activities was distributed.

- Installation of WS4P-2 (MW-233) has been completed. Development of this well will be completed by early next week. Delays encountered during installation of this well will cause the overall schedule to shift.
- The Guard provided a table listing all constituents detected in the Bourne well Zone IIs to the Bourne Water District (BWD). Copies to be forwarded to MADEP/EPA. Leo Yuskus (Haley and Ward) to review to see if this table meets the BWD's needs.
- The newly formed Wellhead Treatment Technical Team is scheduled to meet on 10/1 at MADEP's office in Lakeville with Jeff Rose (MADEP Water Supply) hosting. Time to be determined.
- A figure depicting the locations of the two monitoring wells proposed between MW-233 and WS-4 was distributed. Also shown on the figure were two alternative locations located along a power line road that are suggested due to cultural and natural resource issues with the original proposed locations. The Guard is proceeding with submitting ROAs for the original proposed locations with the understanding that the locations are in a moderately sensitive cultural resources area and an archeological survey would need to be completed for any soil disturbance. These original locations are also in an undisturbed, unfragmented scrub oak habitat. Karen Wilson (IAGWSPO) explained that because these locations are located in hilly terrain, a significant winding road would be needed for access from the north. Access to the south off of the adjacent power line road is not an option due to steep terrain associated with a kettle hole. The figure to be revised to show the third proposed well location between MW-219 and WS-4.
- Mr. Yuskus indicated that in a meeting held between the BWD and MADEP, the decision was made to go ahead with developing WS-4 as a water supply source. MADEP Water Supply has indicated that they will require significant control with upgradient wells. AMEC to forward an electronic copy of figure to Mr. Yuskus for review by MADEP Water Supply. MADEP and BWD to consider alternative locations.
- Mr. Yuskus to provide to the Guard a plan view of where BWD would like a cross-section drawn.
- Todd Borci (EPA) requested that the Guard review the Bourne Response Plan schedule to see if agency review time can be shortened given that agencies have seen and commented on the draft plan.

MSP3 and Southeast Ranges Update

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

AIRMAG. A table of findings is being prepared for the Barlow Road Schonstedt survey and will be submitted by next week.

J-2 Range Polygons. Polygon 2U was completed. Crews will be moving to 2X this afternoon. J-2 Range Polygon 2 sections B, C, E, G, H, K, N, O, P, R, and V remain to be investigated. The items found at J-2 Range Polygon 2 were tabulated and the table was distributed to the agencies. All rounds at 2U were staged on plastic; a snow fence will be placed in the excavation prior to backfilling. Soil samples from the excavation are being collected today.

SCAR Site. A digital map of the geophysical data and anomaly picks was sent to the agencies via email on 9/17. Six anomaly picks were selected that Tetra Tech identified as potential burial sites. Thirty-one picks were originally budgeted. However, Ellen Iorio (ACE) stressed that

additional picks were not selected because Tetra Tech's professional opinion is that the other anomalies are likely individual rockets as opposed to burials. The overall work budget on this site has already been exceeded due to the amount of grubbing required. Todd Borci commented that EPA was not satisfied with the proposed number of picks and would provide comment by 9/26.

N Range. Dr. Sue Goodfellow (E&RC) approved the backfilling of the excavations. BIPs of 59 – 3.5-inch practice rockets are scheduled for today. Post-BIP sampling will be completed like post-BIP sampling for the J-1 Range Polygon 1 trench. The new approved BIP sampling protocols will be followed.

U Range. Grubbing is 55% complete. 25% of the surface clearance has been completed. A table of items discovered was distributed.

Drilling/Sampling. – Drilling is being conducted on proposed locations J3P-27 (J-3 Range) and LP-5 (L Range) and also at D1P-15 (Demo 1). SE Ranges LTGM sampling will be taking place over the next couple weeks. A meeting has been arranged with Camp Good News for 9/24 at 1:00 pm to go over J3P-10, -20, and –22 proposed well locations. The J3P-26 drilling location near Snake Pond needs to be reviewed with Karen Wilson and AMEC. This location will likely require the filing of a Request for Determination of Applicability (RDA) with ConsCom.

BIPs. The following items from N Range and J-2 Range Polygon 2U are scheduled to be BIPed today:

59	3.5-inch Practice Rockets, M29 with M404 BD Fuzes
5	57MM HE Projectiles, M306A1 with M503 Series PD Fuzes

Central Impact Area Update

- Karen Wilson (IAGWSPO) indicated that the Guard worked out a method to stage drilling equipment at the CIAP-14 proposed well location site that will not require any subsurface disturbance. Therefore, the ROA has been sent to Natural Heritage and SHPO for review with Dr. Sue Goodfellow's recommendation for approval.

Snake Pond Sampling

- Dave Hill (IAGWSPO) indicated that the agencies' concurrence is being sought for the Guard's proposal to discontinue the sampling of surface water and well points at Snake Pond, now that the summer beach season has concluded. The last sampling round was completed on 9/11. Data from this sampling event is expected shortly.
- Herb Colby (AMEC) explained that results for sampling of 90SNP0001 were non detect for explosives and perchlorate for all biweekly sampling events. The results for 90SNP0002 showed unvalidated results in June with a RDX detection that was not PDA-confirmed. The results in July included a RDX detection with a PDA confirmation but with interference, also unvalidated. The results for 90SNP0002 have been non detect since the July sampling event. These drive points were installed to monitor groundwater within a few feet of the ground surface and are located on the beach of the north cove, not where the campers swim. Surrounding wells are mostly screened at deeper intervals below the water table including screens for wells MW-218, MW-171, and MW-169. RDX has been detected in the 83-88 ft bwt table screen at MW-171, but not in shallower well screens in any other wells in the area.
- Len Pinaud (MADEP) indicated that MADEP concurs with the Guard's recommendation that the drive point sampling be discontinued with the end of the beach season. Mr. Pinaud noted that the monitoring well sampling currently performed by the Guard on the eastern edge of Snake Pond is sufficient until the start of the next beach season.
- Todd Borci concluded that the sampling of the drive points was best addressed in the LTGM program outside of the beach season. Provided that the 9/11 sampling event was close enough to the current LTGM round when other Southeast Ranges wells were

being sampled, Mr. Borci recommended that the Guard evaluate whether the drive point sampling should be added to the three time per year monitoring as part of the LTGM.
- All parties agreed that Snake Pond surface water sampling could be discontinued with the end of the beach season.

Schooner Pass Well

Bill Gallagher (IAGWSPO) led a discussion on the Schooner Pass well.
- Information on the well, which was provided in an email from AMEC, was distributed.
- AMEC obtained information on the wastewater treatment plant operated by the 102nd CE group as requested by Todd Borci. The WWTP is located approximately 1.25 miles northeast of the Schooner Pass well along Route 6A, and therefore it was unlikely that the leach field effects groundwater flow in the vicinity of Schooner Pass.
- AMEC had recommended in the email that the Guard complete a synoptic water level round at Former A Range and sample a well at the Midway Rest Station on Route 6A. The Guard was committed to following through on these recommendations.
- Frank Fedele (ACE) to investigate the status of Midway Rest Station well, suspected to have been discontinued for use as a source of drinking water. Mr. Yuskus indicated that the rest station had likely hooked up to town water.
- Mr. Borci requested that the Guard notify him when the synoptic water level round was completed.
- The Guard was also pursuing the possibility of sampling an irrigation well at the Technical Regional School on Route 6A. This well, which is used by the school to water their lawns, has not been working recently due to problems with the pump.
- The Guard would also make calls to the Skating Rink to determine if a known well at this property could be sampled. Again, Mr. Yuskus indicated that it was likely that the skating rink had hooked up to town water and no longer used the well for water supply.
- Len Pinaud indicated that MADEP had successfully contacted the Schooner Pass water superintendent. The water superintendent indicated that they were considering the Guard's offer of monthly monitoring of their well for explosives and perchlorate and would discuss the issue further with Jeff Rose (MADEP Water Supply).

Phase IIb Update

Don Wood (ACE) led a discussion on how Phase IIb sites would be handled in the upcoming revised Draft Report. A table was distributed with the sites listed and corresponding details on new data that would be added to the revised Draft Report and whether or not the site would be included in the revised Draft report or segregated out into a separate report.
- Todd Borci expressed concern regarding the Waste Oil Release Sites. Since it was being proposed that these sites be precluded from the Draft Revised Report, how were they to be tracked?
- Bill Gallagher indicated that it was the Guard's intent that these sites would be addressed by a Limited Removal Action (LRA), which would not require reporting to the agencies. Millie Garcia (MADEP) indicated that as part of a LRA, documentation of these sites would be maintained by the LSP of record who would be rendering an opinion on how a release would be addressed. Mr. Borci and Len Pinaud emphasized that even if a LRA was performed, as a matter of record keeping/documentation for the IAGWSP, the sites and actions taken should be discussed in the Soil Report providing information on the Operable Unit where the LRA took place.
- Ben Rice (AMEC) asked if the redline/strikeout revisions in the previous draft of the Phase IIb Report could be incorporated into the new Revised Draft Report. The

agencies had approved of the Phase IIb revised RCL on 5/14. Mr. Borci indicated that these revisions could be accepted for the Revised Draft document.

The EPA convened a meeting of the Impact Area Review Team on September 24, 2002. The issues discussed included updates on Perchlorate Investigation, Recent Detections and a Six Month Look Ahead of IAGWSP activities.

The following are the notes from the September 26, 2002 Technical Team meeting at the IAGWSPO:

Punchlist Items

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

#4 Provide Scrap Yard Corrective Action Plan (Corps). Frank Fedele (ACE) indicated that the information would be provided this week. Corps would like to set up meeting to discuss the plan; meeting tentatively set for 10/3.

#7 Provide data tables for Central Impact Area Targets Soil Sampling (Corps). Tables with figures provided at meeting. Perchlorate data collected as part of the Central Impact Area Perchlorate Response Plan to be tabulated and provided at the 10/03 Tech meeting.

#8 Determine possibility of sampling well at Corp's Midway Rest Station (Corps). Frank Fedele (ACE) contacted the Canal Manager who indicated that this water supply well had been abandoned and is not accessible.

#9 Determine possibility of sampling Regional Technical School and Gallo Skating Rink wells (Guard). Bill Gallagher (IAGWSPO) reported that the pump for well at the Regional Technical School is broken. The school is looking into having it fixed and are amenable to having their well sampled. An attempt was made to contact the Gallo Skating Rink but they have not responded yet to Mr. Gallagher's inquiry.

#10 Provide approximate date when synoptic water levels will be collected at Former A Range (Corps). A synoptic water level round was completed on Wednesday, 9/25. Water table map to be provided by 10/03 Tech Meeting.

#11 Provide comments on 9/20 ASR phone conference summary notes (MADEP). MADEP had no comments on the summary notes.

MSP3 and Southeast Ranges Update

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

J-2 Range Polygons. Crews are working on Polygon 2V. Polygons 2 – A, D, F, I, L, M, Q, S, T, U, and W are completed. Table of compiled daily report findings (includes lot numbers) was distributed. Todd Borci (EPA) requested a table showing J-2 Range Polygon 2 subsections that had been sampled and whether data was available or still pending. Requested that the table be provided in a week or two.

SCAR Site. Excavation of first 6 anomalies was scheduled to commence Monday, 9/30. Additional picks for anomaly excavation were requested by EPA and will be discussed early next week.

N Range. Backfilling was completed on Friday 9/20. Restoration remains to be completed. Data will be provided to the agencies when available (30 day TAT). Weekly updates will continue to provide all data received to date.

U Range. Grubbing is 60% complete. 25% of the surface clearance has been completed. Work proceeding to the area south of the berm during the second week of October.

Drilling/Sampling. – Drilling is being conducted on proposed location LP-5 (L Range). J3P-27 (J-3 Range) wells will be set by Friday 9/27. Three screened intervals were selected to monitor

profile detects of RDX and perchlorate at approximately 40-60 ft bwt and RDX at approximately 170 feet bwt. SE Ranges LTGM sampling will be completed within 2 weeks.
UXO – UXO clearance is being conducted at J1P-1 and at J1P-17 wells pads. BIP of a 105mm round on J-1 Range is scheduled for today.
XM53 submunitions were tentatively identified along the access road to the J1P-18 well pad. This submunition (which is inserted into 105MM rounds) similar to other submunitions, is classified as very sensitive and therefore, has special handling requirements. HE rounds need to be fenced off and left in place. A waiver must be obtained for handling inert rounds. The rounds are potentially inert and the Corps is seeking more information from the Defense Ammunition Center to apply for a waiver. The Corps will also work with Karen Wilson (Guard) to obtain an ROA for an alternative access road. An update on these efforts to be provided next week.

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

- Prior non-detects in water samples from the Schooner Pass well were explained to the water superintendent in a phone call. The water superintendent requested information on RDX and agreed to quarterly sampling by the Guard to begin in November. The water superintendent agreed to a meet with the IAGWSPO and the Condominium Board to discuss related issues. Tina Dolen (IAGWSPO) to provide RDX fact sheets for community distribution; a mailing on behalf of condominium to the approximate 90 residents to be offered to the water superintendent.
- Len Pinaud (MADEP) requested that issues should be discussed from the Community Involvement perspective on the 9/30 Project Management conference call.
- Todd Borci (EPA) requested that the Guard summarize AMEC's prior email regarding sampling and analysis of past detects in a letter format, including information on the reporting limit of 0.25 ug/L and method detection limit of approximately 0.13 ug/L. This letter will be provided to the EPA Laboratory QA/QC section for comment.

Bourne Update
Bill Gallagher (IAGWSPO) led a discussion on the Bourne area.

- WS4P-2 (MW-233) development has been completed and this well will be sampled next week.
- ROAs for three wells upgradient of WS-4 have been submitted. The Guard intends to proceed with the installation of WS4P-4, with the installation of the other wells contingent upon the results from this well.
- Comments on the preliminary draft Bourne Workplan were provided by the Bourne Water District (BWD). Most of the comments were related to data that was not received at the time of the generation of the plan. Guard to discuss the comments with the BWD at the next Bourne team meeting. Copies of the RCL will be provided to the agencies.
- The BWD also provided a plan view map of cross section they would like completed. The Guard has agreed to do these cross sections.
- The Wellhead Treatment Team kick-off meeting is scheduled for 9:30 am to 11:30 am October 1 at the MADEP offices in Lakeville. The agenda to be revised based on Leo Yuskus' (Haley and Ward) comments. Ben Gregson (IAGWSPO) to distribute revised agenda. Katy Weeks (AMEC) to set up chorus call in her name.
- Leo Yuskus (Haley and Ward) indicated that the BWD had decided to develop WS-4 for water supply even if well head treatment is necessary. The well is being considered for emergency use and therefore, the upgradient water quality needs to be determined.

Paul Blaine (DEP Water Supply) is evaluating existing data and will be coming up with recommendations for upgradient wells.

Documents and Scheduling

Marc Grant (AMEC) reviewed document and scheduling issues.

Revised BIP Sampling Plan MOR: 1st priority. EPA comments to be forwarded shortly.

Small Arms Ranges Report comments: 2nd priority.

Demo 1 Environmental Risk Characterization Report MOR: 3rd priority. DEP concurrence provided on 9/20.

Demo 1 Biota Sampling Plan. EPA to respond to RCL on 9/30. DEP concurrence received on 9/24.

MSP II ASP Letter Report MOR. Todd Borci to provide comment on MOR regarding specific language changes next week.

Demo 1 Groundwater FS MOR. Approval pushed back to 10/22. Heather Sullivan (ACE) to check on changes to MOR related to recent data and forward proposed changes to agencies.

UXO Screening Report (Tech Memo 01-7). Waiting on EPA response; not needed until 10/18/02.

J1/J3/L Range Additional Delineation Report MOR. EPA approval pending. DEP expecting response to comments of 9/10/02.

J-2 Range Schedule. Sent out on Monday, 9/23. Will be built into overall schedule when approval received from agencies.

Bourne Response Plan. Draft submittal scheduled for 11/13.

Phase IIb Report. Heather Sullivan found RCL approval. Nothing additional needed from EPA until revised Draft Report submitted.

IART Action Items

Tina Dolen (IAGWSPO) reviewed the 10/24 IART Action Items.

- John Rice (AMEC) to reinvestigate why Bourne wells 00-01, 00-02, 20 have not been sampled.
- Provide information for TOSC advisor Dr. Dahmani:
- Jay Clausen (AMEC) to gather existing sensitivity analysis information on Demo 1 and Bourne models.
- TOSC members to be invited to participate in Technical meetings.
- IAGWSPO to set up meeting with TOSC and agency project managers to discuss technical overview.
- Bill Gallagher (IAGWSPO) to check with Jeff Rose (DEP Water Supply) and water superintendent on production rates of Schooner Pass well.
- Northeast corner of base maps to always include location of Sandwich Landfill.
- Ben Gregson to talk to Don Walters (USGS) to identify papers and information that describes the shifting of the groundwater mound.
- IART Maps to include most recent regional or synoptic water level contours.
- Backtracks from Schooner Pass well to be superimposed over available historic photographs.
- Jim Murphy (EPA) to be provided with information on APCC workshop on effects of contaminants on the thyroid.

Snake Pond Samples

Herb Colby (AMEC) described recent sampling results from Snake Pond surface water samples.

- Perchlorate results from the 9/11/02 LKSNK0005 sample showed a non detect for the original sample, but a detection of 0.72 ug/L was reported for the duplicate sample from this location along the public beach. Both samples were rerun by the STL Savannah Lab and both were non detect.
- An aliquot of the sample has been forwarded to Ceimic from STL Savannah Laboratory for confirmatory analysis.
- The validation group reported that a very low peak is apparent on the chromatogram occurring early in the retention time window for perchlorate. The peak was qualified as "not a great peak". But conservatively, it was reported as a detection.
- The Guard is awaiting the results from the Ceimic analysis, which are due early next week.
- Heather Sullivan (ACE) indicated that the Guard would like to establish an automatic confirmatory analysis for perchlorate analysis of sensitive samples (water supply wells, surface water samples, residential well samples), to rerun these samples prior to reporting results. Marc Grant (AMEC) explained that this would enable the Guard to speed up the process of reanalysis and avoid reporting erroneous data. The result would be a 4 to 5 day TAT and additional costs for effected samples. Todd Borci requested that the Guard put their proposal in writing for further discussion.

Miscellaneous

- Todd Borci relayed that Hap Gonser (E&RC) reported at the Senior Management Board meeting that the 4.5 mg per day rate had been approved for Base Water Supply Wells 1, 2, and 3. Mr. Borci requested that ZOCs for these new approved rates be obtained for these wells and be used on maps.
- Len Pinaud to confirm with Jeff Rose and request ZOC information.
- Marc Grant requested information on all wells in area and how ZOCs were generated for modeling team. Guard /MADEP to pursue information.
- Regarding Desiree Moyer's (EPA) inquiry as to the drum with ash-containing soil from the ASP area, Ellen Iorio (ACE) indicated that the drum was overpacked and staged at the scrap yard. Tetra Tech would be tasked to determine whether the waste was regulated as RCRA hazardous waste and if, therefore, the 90-day storage rule applied.

2. SUMMARY OF DATA RECEIVED

Validated data were received during September for Sample Delivery Groups (SDGs): CA3006, CEI0012, CEI110, CEI154, CEI160, CEI161, CEI162, CEI164, CEI165, CEI166, CEI167, CEI170, CEI185, CEI190, CEI208, CEI213, CEI231, CEI240, CEI242, CEI244, CEI245, CEI246, CEI247, CEI248, CEI249, CEI250, CEI251, CEI252, CEI253, CEI254, CEI255, CEI256, CEI257, CEI258, CEI259, CEI260, CEI261, CEI264, CEI265, CEI266, CEI268, CEI269, CEI270, CEI272, CMR065, CMR068, CMR070, CMR072, DEN001, DEN002, DEN003, DMR014, DMR018, DMR020, DMR021, DMR023, EHL001, GCE004, GMR007, GMR010, GMR011, GMR013, GMR014, GMR015, GMR016, GMR018, MMR444, MMR703, MMR822, MMR825, MMR829, MMR831, MMR832, MMR833, MMR834, MMR836, MMR837, MMR838, MMR839, MMR840, MMR841, MMR842, MMR843, MMR844, MMR845, MMR846, MMR847, MMR848, MMR854, MMR857, MMR858, MMR860, MMR861, MMR862, MMR863, MMR864, MMR867, MMR868, MMR869, MMR871, MMR872, MMR873, MMR874, MMR875, MMR876, MMR877, MMR878, MMR881, MMR882, MMR883, MMR886, MMR887, MMR890, MMR895, MMR899, MMR904, MMR911, MMR912, MMR916, MMR919, MMR920, MMR921, MMR922, MMR923, MMR924, MMR925, MMR926, MMR927, MMR928, MMR929, MMR930, MMR931, MMR933, MMR934,

MMR935, MMR937, MMR938, MMR939, MMR940, MMR941, MMR943, MMR944, MMR954, NMR029, SMR020, SMR027, SMR028, SMR029, SMR030 and SMR031.

These SDGs contain results for 4 crater grab and grid samples; 516 groundwater samples from residential wells, supply wells, test wells, monitoring wells, drive points and spring; two process water samples from the FS-12 treatment system; 369 profile samples from monitoring wells 02-04, 02-07, 02-08, 02-10, 02-13, 02-15, MW-141, MW-177, MW-183, MW-184, MW-211, MW-212, MW-213, MW-214, MW-215, MW-216, MW-217, MW-218, MW-219, MW-220, MW-221, MW-222, MW-223, MW-224, MW-225, MW-226, MW-227, MW-231, MW-232, MW-233 and MW-234; 613 soil grab and grid samples from the J-1, J-2, J-3, E, H, N, O, P, SE, T, KD, Former B, C, D, E, H, M-1, M-2 and R Ranges, BA-1 Grenade Courts, Cleared Area 1, Central Impact Area Target 42, Demo Area 3 and Burned Area 4; three surface water samples from Snake Pond; 33 water samples from the aquifer, step and column tests; and one water sample from the J-3 Range.

Validated Data

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

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

The concentrations from these analyses are depicted in Figures 1-7 compared to Maximum Contaminant Levels (MCLs) or Health Advisories (HAs) published by EPA for drinking water. The concentrations from Perchlorate analyses are depicted in Figure 8 compared to an EPA MMR Relevant Limit. A red circle is used to depict a well where the concentration of one or more analytes was greater than or equal to (GTE) the lowest MCL, HA, or EPA MMR Relevant Limit for the analyte(s). A yellow circle is used to depict a well where the concentration of all analytes was less than (LT) the lowest MCL, HA, or EPA MMR Relevant Limit. A green circle is used to depict a well where the given analytes were not detected. An open circle is used to depict an existing well where the analytes in question (for example, Explosives in Figure 1) have

not yet been measured. Table 3 summarizes the detections that exceeded a MCL, HA, or EPA MMR Relevant Limit, sorted by analytical method and analyte, since 1997.

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

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

Figure 1: Explosives in Groundwater Compared to MCLs/HAs

For data validated in September 2002, three wells, MW-204M1, MW-207M1, and MW209M1 (Central Impact Area) had first time validated detections of RDX above the MCL/HA. One well, 27MW0024A (LF-1), had a first time validated detection of nitrobenzene.

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, 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 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 September 2002, no wells had first time validated detections of metals above the MCLs/HAs. Five wells, ASP well (Ammunition Supply Point), Cemetery1, Cemetery2 (Cemetery supply wells), Textron PW-1 (J-3 Range) and MW-19S (Demo Area 1), 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 September 2002, Bourne well 02-12M1 had a first time validated detection of chloromethane above MCL/HA. No 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 September 2002, no wells had first time validated detections of semi-volatile organic compounds.

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

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

Figure 6: BEHP in Groundwater Compared to MCLs

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

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

146M1, 157D, 158M2, 168M1, and 168M2) have had a BEHP exceedance in the year 2001 results. Four wells (27MW0705, 27MW2061, 188M1 and 196M1) had BEHP exceedances in the year 2002 results. This figure, presenting only BEHP detections was last updated and included for the June Monthly Progress Report.

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

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

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

There was one exceedance of drinking water criteria for herbicides, at well 41M1. This response well was installed downgradient of the Central Impact Area, as indicated above (see discussion for Figure 5). The exceedance was for the herbicide pentachlorophenol in a sample collected in May 2000. There were no detections of this compound in the three previous sampling rounds in 1999, nor in the subsequent sampling rounds in 2000.

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

For data validated in September 2002, two wells, 27MW2134A (LF-1) and MW-197M2 (J-3 Range), had first time validated detections of perchlorate that exceeded the EPA MMR Relevant Standard of 1.5 ppb. One well, 16MW0001 (CS-18), had a first time validated detection of perchlorate that did not exceed the EPA MMR Relevant Standard.

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

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

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

- Northwest of Impact Area (well 66);
- West of Impact Area (well 80);
- LF-1 (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 supply well 4036000-04G had a detection of perchlorate. This is the first perchlorate detection in this well since June.

- Groundwater samples from supply well 4036000-06G had a detection of perchlorate. This is the first detection of perchlorate since March.

- Groundwater samples from 01-2 had a detection of perchlorate. This is the first perchlorate detection in this well since April.

- Groundwater samples from wells 01-1 and 02-12M2 had first time detections of perchlorate.

- Groundwater samples from Far Field wells MW-213M2, M3; MW-226M2 and duplicate; MW-80M2 and duplicate; and wells 97-2; 00-4D; 1-88A; 02-01M1, M2; 02-02M1, M2, S; 02-03M1, M2; 02-05M1, M2, M3; 02-07M3; 02-08M2, M3; 02-09M1, M2; 02-12M3; and 02-13M1, M2, M3 had detections of perchlorate. The results were similar to the previous sampling rounds.

- Twenty groundwater samples and duplicate samples had detections of chloroform.

Central Impact Area and CS-19

- Groundwater samples from MW-2D had first time detections of RDX that were not confirmed by PDA spectra. RDX has not been previously detected in this well.

- Groundwater samples from MW-105M1 had detections of HMX and RDX that were confirmed by PDA spectra. This is the first time HMX has been detected and the first analysis with the explosives method 8330NX in this well.

- Groundwater samples from observation wells OW-2 and OW-6 and duplicate, had detections of perchlorate and RDX. HMX was also detected in the groundwater sample from OW-2. This is the first analysis using method 8330NX. These results were similar to the previous sampling rounds except that this is the first time the perchlorate detections have been above the EPA MMR Relevant Standard.

- Groundwater samples from 58MW0001; 58MW0002; 58MW007B and duplicate; 58MW0009E; 58MW0011D; 58MW0015B; 58MW0018A; 58MW0018B; 58MW0020B; MW-2M2; MW-85M1; MW-90M1, S; MW-100M1; MW-101M1; MW-105M2; MW107M1, M2; MW-108M4; MW-111M2, M3; MW-112M1 and duplicate, M2; MW-113M1, M2; MW-184M1 and duplicate; and OW-1 had detections of explosives that were confirmed by PDA spectra. The results were similar to the previous sampling rounds. This is the first analysis with the explosives method 8330NX at MW-2M2; MW-85M1; MW-90M1, S; MW-100M1; MW-101M1; MW-105M2; MW107M1, M2; MW-108M4; MW-111M3; MW-112M1 and duplicate, M2; MW-113M2; MW-184M1 and duplicate; and OW-1.

Southeast of the Ranges

- Groundwater samples from MW-143M1 had detections of RDX and HMX that were confirmed by PDA spectra. This is the first analysis with the explosives method 8330NX for this well and the first time HMX has been detected in samples.

- Groundwater samples from MW-168M3 had a detection of RDX that was confirmed by PDA spectra, but with interference. This is the first time RDX has been detected in this well.

- Groundwater samples from MW-169M2 had a detection of nitroglycerin that was not confirmed by PDA spectra. Nitroglycerin has never been a validated detection in this well.

- Groundwater samples from the first sampling event at MW-228M2, S had detections of explosives that were confirmed by PDA spectra. Profile samples were not collected at the interval corresponding to the S screen, but explosives were detected at deeper profile intervals.

- Groundwater samples from 90MW0003, 90MW0005 and duplicate, and 90WT0003 had detections of explosives that were not confirmed by PDA spectra. The results were similar to the previous sampling rounds.

- Groundwater samples from 90MW0019 had detections of 2,4 DNT, 2,6-DNT, 4A-DNT, nitroglycerin and picric acid. The detection of 2,6-DNT was confirmed by PDA spectra, but with interference. This is the first time 2,6-DNT has been detected in this well.

- Groundwater samples from 90WT0019 and duplicate had detections of 1,3,4-trinitrobenzene, 1,3 dinitrobenzene, TNT, 2,6-DNT, 2A-DNT, 2-nitrotoluene, 3-nitrotoluene, 4A-DNT, picric acid and tetryl. The detection of 2,6-DNT was confirmed by PDA spectra, but with interference. This is the first time 2,6-DNT has been detected in this well.

- Groundwater samples from MW-130S; MW-136S; MW-142M2 and duplicate; MW-143M2, M3; MW-144S; MW-147M1, M2; MW-164M2 and duplicate; MW-166M1; 90MP0059B, C; 90MW0022; 90MW0054; and 90WT0004 and duplicate had detections of explosives that were confirmed by PDA spectra. The results were similar to the previous sampling rounds, except that this is the first analysis of MW-130S, MW-136S, MW-143M3, MW-166M1, 90MW0022 and 90MW0054 with the method 8330NX.

- A duplicate surface water sample (LKSNK0005) from Snake Pond had a detection of perchlorate. The original sample and reanalysis of both the original and the duplicate sample were non detect for perchlorate. Nine sampling rounds this summer from both this location and two nearby locations were non-detect for perchlorate. A subsample was sent to an additional laboratory for reanalysis. The results from the second laboratory were non-detect for both the original and duplicate samples.

- Profile samples from MW-237 (J3P-21) had detections of explosives, VOCs and perchlorate. 2,6-DNT was detected and confirmed by PDA spectra in three intervals between 7 and 29 feet below the water table. There were also two intervals each with detections of 2,6-DNT and nitrobenzene that were confirmed by PDA spectra but had interference. Perchlorate was detected in two intervals between 29 and 39 feet below the water table. Well screens for MW-237 were set at the water table to monitor groundwater directly upgradient of the J-3 Range detonation pit (-2-8 ft bwt) and at the interval of the perchlorate detections (29-39 ft bwt).

- Profile samples from MW-238 (LP-8) had detections of explosives and VOCs. 2,6-DNT was detected and confirmed by PDA spectra in three intervals between 33 and 73 feet below the water table. HMX was detected and confirmed by PDA spectra in one interval at 33 feet below the water table. Well screens for MW-238 were set at the interval of the HMX detection (27-37 ft bwt) and at the depth (85-95 ft bwt) corresponding to particle backtracks from downgradient wells MW-153 and MW-147.

- Profile samples from MW-239 (J3P-27) had detections of explosives and VOCs. RDX was detected and confirmed by PDA spectra but with interference, in five intervals at 40 feet and between 130 and 180 feet below the water table. Perchlorate was detected at three intervals between 40 and 60 feet below the water table. Well screens were set at the interval of the highest perchlorate and RDX detections (40-50 ft bwt), and highest RDX detections (130-140 and 160-170 ft bwt).

- Profile samples from MW-241 (LP-5) had detections of explosives and VOCs. 2,6-DNT was detected and confirmed by PDA spectra but with interference, in three intervals at 12 feet and between 62 and 72 feet below the water table. 2,4-DANT was detected and confirmed by PDA spectra but with interference, at 92 feet below the water table. 3-nitrotoluene was detected and confirmed by PDA spectra, but with interference, at 102 feet below the water table. Well screens were set at the depth (2-12 ft bwt) at which particles leaving the East L Range plume would be expected to intersect MW-241.

3. DELIVERABLES SUBMITTED

Deliverables submitted during the reporting period include the following:

Weekly Progress Update August 19 – August 23, 2002	09/06/2002
Weekly Progress Update August 26 – August 30, 2002	09/06/2002
Final Addendum #1 to the Gun and Mortar Firing Positions Additional Characterization Workplan	09/06/2002
Monthly Progress Update for August 2002	09/09/2002
Final IAGWSP Site-Wide Perchlorate Characterization Workplan	09/12/2002
Weekly Progress Update September 2 – September 6, 2002	09/13/2002
Weekly Progress Update September 9 - September 13, 2002	09/20/2002
Weekly Progress Update September 16 – September 20, 2002	09/27/2002

4. SCHEDULED ACTIONS

Figure 9 provides a Gantt chart updated to reflect progress and proposed work. Activities scheduled for October and early November 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
- Continue HUTA 2 Site #1 Draft Report revision
- Continue HUTA 2 Site #2 Draft Report revision
- Continue HUTA 2 Site #3 Draft Report revision
- Continue HUTA 2 Site #4 Draft Report revision
- Continue HUTA 2 Site #5 Draft Report revision
- Finish J-1/J-3/L Ranges Additional Delineation Draft Report
- Finish Gun and Mortar Firing Position Draft Final COC Letter Report
- Continue Gun and Mortar Firing Positions Revised Draft 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
- Finish MSP3 Eastern Test Site Draft Report
- 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.

TABLE 2
SAMPLING PROGRESS
9/1/2002 - 9/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HCA09230201BG	A09230201	09/25/2002	CRATER GRAB	0.00	0.16		
J2.A.T2U.001.1.0	J2.A.T2U.001	09/18/2002	CRATER GRAB				
J2.A.T2U.001.1.D	J2.A.T2U.001	09/18/2002	CRATER GRAB				
J2.A.T2U.001.2.0	J2.A.T2U.001	09/19/2002	CRATER GRAB				
J2.A.T2U.002.1.0	J2.A.T2U.002	09/18/2002	CRATER GRAB				
J2.A.T2U.002.2.0	J2.A.T2U.002	09/19/2002	CRATER GRAB				
J2.A.T2U.003.1.0	J2.A.T2U.003	09/18/2002	CRATER GRAB				
J2.A.T2U.003.2.0	J2.A.T2U.003	09/19/2002	CRATER GRAB				
J2.A.T2U.004.1.0	J2.A.T2U.004	09/18/2002	CRATER GRAB				
J2.A.T2U.004.2.0	J2.A.T2U.004	09/19/2002	CRATER GRAB				
J2.A.T2U.004.2.D	J2.A.T2U.004	09/19/2002	CRATER GRAB				
J2.A.T2U.005.1.0	J2.A.T2U.005	09/18/2002	CRATER GRAB				
J2.A.T2U.005.2.0	J2.A.T2U.005	09/19/2002	CRATER GRAB				
J2.A.T2U.006.1.0	J2.A.T2U.006	09/18/2002	CRATER GRAB				
J2.A.T2U.006.2.0	J2.A.T2U.006	09/19/2002	CRATER GRAB				
NR.A.T12.06C.1.0	NR.A.T12.06C	09/19/2002	CRATER GRAB				
NR.A.T12.06C.2.0	NR.A.T12.06C	09/19/2002	CRATER GRAB				
NR.A.T12.06N.1.0	NR.A.T12.06N	09/18/2002	CRATER GRAB				
NR.A.T12.06N.2.0	NR.A.T12.06N	09/19/2002	CRATER GRAB				
NR.A.T12.06S.1.0	NR.A.T12.06S	09/19/2002	CRATER GRAB				
NR.A.T12.06S.2.0	NR.A.T12.06S	09/19/2002	CRATER GRAB				
NR.A.T12.06S.2.D	NR.A.T12.06S	09/19/2002	CRATER GRAB				
NR.A.T12.6NC.2.0	NR.A.T12.6NC	09/19/2002	CRATER GRAB				
NR.A.T12.6SC.2.0	NR.A.T12.6SC	09/19/2002	CRATER GRAB				
27MW0015B-E	FIELDQC	09/19/2002	FIELDQC	0.00	0.00		
58MW0018-E	FIELDQC	09/12/2002	FIELDQC	0.00	0.00		
90MW0005-E	FIELDQC	09/13/2002	FIELDQC	0.00	0.00		
90MW0011-E	FIELDQC	09/16/2002	FIELDQC	0.00	0.00		
90MW0019-E	FIELDQC	09/18/2002	FIELDQC	0.00	0.00		
90MW0070-E	FIELDQC	09/09/2002	FIELDQC	0.00	0.00		
90MW0101A-E	FIELDQC	09/20/2002	FIELDQC	0.00	0.00		
90WT0003-E	FIELDQC	09/11/2002	FIELDQC	0.00	0.00		
90WT0003-T	FIELDQC	09/05/2002	FIELDQC	0.00	0.00		
90WT0006-E	FIELDQC	09/05/2002	FIELDQC	0.00	0.00		
95-15-E	FIELDQC	09/04/2002	FIELDQC	0.00	0.00		
95-15-T	FIELDQC	09/04/2002	FIELDQC	0.00	0.00		
97-2G-E	FIELDQC	09/14/2002	FIELDQC	0.00	0.00		
CEMETERY1-T	FIELDQC	09/17/2002	FIELDQC	0.00	0.00		
G237DAE	FIELDQC	09/09/2002	FIELDQC	0.00	0.00		
G237DJE	FIELDQC	09/10/2002	FIELDQC	0.00	0.00		
G237DKT	FIELDQC	09/10/2002	FIELDQC	0.00	0.00		
G238DDE	FIELDQC	09/11/2002	FIELDQC	0.00	0.00		
G238DDT	FIELDQC	09/11/2002	FIELDQC	0.00	0.00		
G238DLT	FIELDQC	09/12/2002	FIELDQC	0.00	0.00		
G238DPE	FIELDQC	09/12/2002	FIELDQC	0.00	0.00		
G239DAE	FIELDQC	09/18/2002	FIELDQC	0.00	0.00		
G239DAT	FIELDQC	09/18/2002	FIELDQC	0.00	0.00		
G239DLT	FIELDQC	09/19/2002	FIELDQC	0.00	0.00		
G239DNE	FIELDQC	09/19/2002	FIELDQC	0.00	0.00		
G240DAT	FIELDQC	09/20/2002	FIELDQC	0.00	0.00		

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TABLE 2
SAMPLING PROGRESS
9/1/2002 - 9/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G240DDE	FIELDQC	09/24/2002	FIELDQC	0.00	0.00		
G241DCE	FIELDQC	09/25/2002	FIELDQC	0.00	0.00		
G241DME	FIELDQC	09/26/2002	FIELDQC	0.00	0.00		
HCA09230201BGE	FIELDQC	09/25/2002	FIELDQC	0.00	0.00		
HDA09230201AE	FIELDQC	09/27/2002	FIELDQC	0.00	0.00		
HDES.J14.010PE1E	FIELDQC	09/25/2002	FIELDQC	0.00	0.00		
HDES.J14.010RE1E	FIELDQC	09/25/2002	FIELDQC	0.00	0.00		
M-1D-E	FIELDQC	09/23/2002	FIELDQC	0.00	0.00		
M-3C-E	FIELDQC	09/21/2002	FIELDQC	0.00	0.00		
RANGECON-T	FIELDQC	09/25/2002	FIELDQC	0.00	0.00		
TW01-1-E	FIELDQC	09/25/2002	FIELDQC	0.00	0.00		
TW1-88AE	FIELDQC	09/17/2002	FIELDQC	0.00	0.00		
TW1-88AE	FIELDQC	09/23/2002	FIELDQC	0.00	0.00		
W02-13M1F	FIELDQC	09/17/2002	FIELDQC	0.00	0.00		
W05SST	FIELDQC	09/16/2002	FIELDQC	0.00	0.00		
W102M1E	FIELDQC	09/11/2002	FIELDQC	0.00	0.00		
W108M3T	FIELDQC	09/13/2002	FIELDQC	0.00	0.00		
W18M1T	FIELDQC	09/30/2002	FIELDQC	0.00	0.00		
W213M1T	FIELDQC	09/09/2002	FIELDQC	0.00	0.00		
W219M1T	FIELDQC	09/24/2002	FIELDQC	0.00	0.00		
W219M4T	FIELDQC	09/23/2002	FIELDQC	0.00	0.00		
W229M2T	FIELDQC	09/06/2002	FIELDQC	0.00	0.00		
W38M4T	FIELDQC	09/26/2002	FIELDQC	0.00	0.00		
W54DDT	FIELDQC	09/03/2002	FIELDQC	0.00	0.00		
WS-4AD-E	FIELDQC	09/26/2002	FIELDQC	0.00	0.00		
XXM971-E	FIELDQC	09/06/2002	FIELDQC	0.00	0.00		
11MW0001-A	11MW0001	09/09/2002	GROUNDWATER				
11MW0003-A	11MW0003	09/09/2002	GROUNDWATER				
11MW0004-A	11MW0004	09/09/2002	GROUNDWATER				
11MW0004-D	11MW0004	09/09/2002	GROUNDWATER				
27MW0015B-A	27MW0015B	09/18/2002	GROUNDWATER	68.10	78.10	0.00	10.00
27MW0015B-D	27MW0015B	09/18/2002	GROUNDWATER	68.10	78.10	0.00	10.00
27MW0017A-A	27MW0017A	09/16/2002	GROUNDWATER	134.00	139.00	46.55	51.55
27MW0017B-A	27MW0017B	09/16/2002	GROUNDWATER	104.00	109.00	17.00	22.00
27MW0108A-A	27MW0108A	09/19/2002	GROUNDWATER	222.00	227.00	79.59	84.59
4036000-01G	4036000-01G	09/04/2002	GROUNDWATER				
4036000-01G	4036000-01G	09/10/2002	GROUNDWATER				
4036000-01G	4036000-01G	09/18/2002	GROUNDWATER				
4036000-01G	4036000-01G	09/24/2002	GROUNDWATER				
4036000-01GD	4036000-01G	09/10/2002	GROUNDWATER				
4036000-01GD	4036000-01G	09/24/2002	GROUNDWATER				
4036000-03G	4036000-03G	09/04/2002	GROUNDWATER				
4036000-03G	4036000-03G	09/11/2002	GROUNDWATER				
4036000-03G	4036000-03G	09/18/2002	GROUNDWATER				
4036000-03G	4036000-03G	09/24/2002	GROUNDWATER				
4036000-04G	4036000-04G	09/04/2002	GROUNDWATER				
4036000-04G	4036000-04G	09/11/2002	GROUNDWATER				
4036000-04G	4036000-04G	09/18/2002	GROUNDWATER				
4036000-04G	4036000-04G	09/24/2002	GROUNDWATER				
4036000-06G	4036000-06G	09/04/2002	GROUNDWATER				

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TABLE 2
SAMPLING PROGRESS
9/1/2002 - 9/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
4036000-06G	4036000-06G	09/11/2002	GROUNDWATER				
4036000-06G	4036000-06G	09/18/2002	GROUNDWATER				
4036000-06G	4036000-06G	09/24/2002	GROUNDWATER				
4261000-02G	4261000-02G	09/10/2002	GROUNDWATER				
4261000-03G	4261000-03G	09/10/2002	GROUNDWATER				
4261000-06G	4261000-06G	09/10/2002	GROUNDWATER				
4261000-07G	4261000-07G	09/10/2002	GROUNDWATER				
4261000-08G	4261000-08G	09/10/2002	GROUNDWATER				
4261000-09G	4261000-09G	09/10/2002	GROUNDWATER				
4261000-10G	4261000-10G	09/10/2002	GROUNDWATER				
4261000-11G	4261000-11G	09/10/2002	GROUNDWATER				
58MW0001-A	58MW0001	09/13/2002	GROUNDWATER	121.80	126.80	0.91	5.91
58MW0002-A	58MW0002	09/11/2002	GROUNDWATER	121.20	126.20	0.17	5.17
58MW0003-A	58MW0003	09/13/2002	GROUNDWATER	119.00	124.00	0.00	10.00
58MW0018A-A	58MW0018A	09/12/2002	GROUNDWATER	202.70	211.70	57.13	66.13
58MW0018B-A	58MW0018B	09/12/2002	GROUNDWATER	175.90	185.58	30.62	40.30
58MW0018C-A	58MW0018C	09/12/2002	GROUNDWATER	149.92	159.60	4.97	14.65
58MW0020A-A	58MW0020A	09/03/2002	GROUNDWATER				
58MW0020B-A	58MW0020B	09/03/2002	GROUNDWATER				
90MP0059A-A	90MP0059A	09/19/2002	GROUNDWATER	145.89	148.39		
90MP0059B-A	90MP0059B	09/19/2002	GROUNDWATER	116.39	118.89		
90MP0059C-A	90MP0059C	09/19/2002	GROUNDWATER	91.89	94.39		
90MP0060C-A	90MP0060C	09/11/2002	GROUNDWATER	126.52	129.02		
90MP0060D-A	90MP0060D	09/12/2002	GROUNDWATER	102.02	104.52		
90MW0003-A	90MW0003	09/09/2002	GROUNDWATER	144.00	149.00	49.10	54.10
90MW0005-A	90MW0005	09/13/2002	GROUNDWATER	184.00	189.00	89.03	94.03
90MW0005-D	90MW0005	09/13/2002	GROUNDWATER	184.00	189.00	89.03	94.03
90MW0006-A	90MW0006	09/11/2002	GROUNDWATER	129.00	134.00	47.47	52.47
90MW0011-A	90MW0011	09/16/2002	GROUNDWATER	46.50	51.50	31.75	36.75
90MW0011-D	90MW0011	09/16/2002	GROUNDWATER	46.50	51.50	31.75	36.75
90MW0019-A	90MW0019	09/19/2002	GROUNDWATER	161.00	166.00	68.85	73.85
90MW0031-A	90MW0031	09/18/2002	GROUNDWATER	195.32	200.22	102.54	107.44
90MW0038-A	90MW0038	09/18/2002	GROUNDWATER	94.75	99.62	21.05	25.92
90MW0041-A	90MW0041	09/18/2002	GROUNDWATER	125.37	130.23	28.94	33.80
90MW0054-A	90MW0054	09/12/2002	GROUNDWATER	107.00	112.00	88.12	93.12
90MW0063-A	90MW0063	09/25/2002	GROUNDWATER	50.00	55.00	30.03	35.03
90MW0070-A	90MW0070	09/09/2002	GROUNDWATER	132.50	137.50	72.78	77.78
90MW0071-A	90MW0071	09/09/2002	GROUNDWATER	150.00	155.00	76.49	81.49
90MW0080-A	90MW0080	09/10/2002	GROUNDWATER	133.00	144.00	78.44	89.44
90MW0101A-A	90MW0101A	09/20/2002	GROUNDWATER	113.00	118.00	105.08	110.08
90MW0102A-A	90MW0102A	09/20/2002	GROUNDWATER	113.00	118.00	105.76	110.76
90WT0003-A	90WT0003	09/10/2002	GROUNDWATER	87.50	97.50	0.00	0.00
90WT0004-A	90WT0004	09/11/2002	GROUNDWATER	35.00	45.00	0.00	10.00
90WT0004-D	90WT0004	09/11/2002	GROUNDWATER	35.00	45.00	0.00	10.00
90WT0006-A	90WT0006	09/05/2002	GROUNDWATER	95.00	105.00	0.00	10.00
90WT0019-A	90WT0019	09/13/2002	GROUNDWATER				
90WT0019-D	90WT0019	09/13/2002	GROUNDWATER				
95-14-A	95-14	09/06/2002	GROUNDWATER				
95-15-A	95-15	09/04/2002	GROUNDWATER				
95-15C-A	95-15C	09/04/2002	GROUNDWATER				

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9/1/2002 - 9/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
95-6A-A	95-6A	09/06/2002	GROUNDWATER				
95-6B-A	95-6B	09/04/2002	GROUNDWATER				
97-2B-A	97-2B	09/14/2002	GROUNDWATER		121.70		
97-2B-D	97-2B	09/14/2002	GROUNDWATER		121.70		
97-2C-A	97-2C	09/14/2002	GROUNDWATER		132.00		
97-2D-A	97-2D	09/14/2002	GROUNDWATER		115.40		
97-2E-A	97-2E	09/14/2002	GROUNDWATER		94.50		
97-2F-A	97-2F	09/14/2002	GROUNDWATER		120.00		
97-2G-A	97-2G	09/14/2002	GROUNDWATER		126.80		
ASPWELL-A	ASPWELL	09/19/2002	GROUNDWATER				
CEMETERY1-A	CEMETERY1	09/17/2002	GROUNDWATER				
CEMETERY2-A	CEMETERY2	09/17/2002	GROUNDWATER				
LRMW0003-A	LRMW0003	09/10/2002	GROUNDWATER				
LRWS1-4-A	LRWS1-4	09/10/2002	GROUNDWATER				
M-1B-A	M-1	09/24/2002	GROUNDWATER	48.00	48.00	3.54	3.54
M-1C-A	M-1	09/24/2002	GROUNDWATER	55.00	55.00	10.54	10.54
M-1D-A	M-1	09/23/2002	GROUNDWATER	65.00	65.00	20.43	20.43
M-2B-A	M-2	09/21/2002	GROUNDWATER	65.00	65.00	4.25	4.25
M-2B-D	M-2	09/21/2002	GROUNDWATER	65.00	65.00	4.25	4.25
M-2C-A	M-2	09/21/2002	GROUNDWATER	75.00	75.00	14.25	14.25
M-2D-A	M-2	09/21/2002	GROUNDWATER	85.00	85.00	24.25	24.25
M-3B-A	M-3	09/21/2002	GROUNDWATER	65.00	65.00	5.43	5.43
M-3C-A	M-3	09/21/2002	GROUNDWATER	75.00	75.00	15.43	15.43
M-3D-A	M-3	09/21/2002	GROUNDWATER	85.00	85.00	25.43	25.43
M-4B-A	M-4	09/25/2002	GROUNDWATER	69.00	69.00	8.11	8.11
M-4B-D	M-4	09/25/2002	GROUNDWATER	69.00	69.00	8.11	8.11
M-4C-A	M-4	09/25/2002	GROUNDWATER	79.00	79.00	18.11	18.11
M-4D-A	M-4	09/25/2002	GROUNDWATER	89.00	89.00	28.11	28.11
M-5B-A	M-5	09/24/2002	GROUNDWATER	65.00	65.00	7.00	7.00
M-5C-A	M-5	09/24/2002	GROUNDWATER	75.00	75.00	17.00	17.00
M-5D-A	M-5	09/24/2002	GROUNDWATER	85.00	85.00	27.00	27.00
M-6B-A	M-6	09/14/2002	GROUNDWATER		59.00		
M-6C-A	M-6	09/14/2002	GROUNDWATER		69.00		
M-6D-A	M-6	09/14/2002	GROUNDWATER		79.00		
M-7B-A	M-7	09/21/2002	GROUNDWATER	59.00	59.00	2.16	2.16
M-7C-A	M-7	09/21/2002	GROUNDWATER	65.00	65.00	8.16	8.16
M-7D-A	M-7	09/21/2002	GROUNDWATER	75.00	75.00	18.16	18.16
MW00-4-A	00-4	09/25/2002	GROUNDWATER	64.00	70.00	38.42	44.42
OW-1-A	OW-1	09/04/2002	GROUNDWATER	126.00	136.00	0.00	10.00
RANGECON-A	RANGECON	09/17/2002	GROUNDWATER				
RANGECON-A	RANGECON	09/25/2002	GROUNDWATER				
RANGECON-D	RANGECON	09/17/2002	GROUNDWATER				
SPRING1A	SPRING1	09/14/2002	GROUNDWATER				
TW00-5-A	00-5	09/26/2002	GROUNDWATER	50.00	56.00	16.19	22.19
TW00-7-A	00-7	09/26/2002	GROUNDWATER	57.00	63.00	25.50	31.50
TW01-1-A	01-1	09/25/2002	GROUNDWATER	62.00	67.00	53.88	58.88
TW01-2-A	01-2	09/25/2002	GROUNDWATER	50.00	56.00	23.40	29.40
TW1-88A-A	1-88	09/04/2002	GROUNDWATER				
TW1-88A-A	1-88	09/17/2002	GROUNDWATER				
TW1-88A-A	1-88	09/24/2002	GROUNDWATER				

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9/1/2002 - 9/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
TW1-88AA	1-88	09/11/2002	GROUNDWATER				
TW1-88AD	1-88	09/11/2002	GROUNDWATER				
TW1-88B-A	1-88	09/21/2002	GROUNDWATER		101.00		65.00
W02-01M1A	02-01	09/23/2002	GROUNDWATER	95.00	105.00	42.90	52.90
W02-01M2A	02-01	09/23/2002	GROUNDWATER	83.00	93.00	30.90	40.90
W02-02M1A	02-02	09/07/2002	GROUNDWATER	114.50	124.50	63.50	73.50
W02-02M2A	02-02	09/07/2002	GROUNDWATER	94.50	104.50	42.65	52.65
W02-02SSA	02-02	09/07/2002	GROUNDWATER	49.50	59.50	0.00	10.00
W02-03M1A	02-03	09/23/2002	GROUNDWATER	130.00	140.00	86.10	96.10
W02-03M2A	02-03	09/23/2002	GROUNDWATER	92.00	102.00	48.15	58.15
W02-03M3A	02-03	09/23/2002	GROUNDWATER	75.00	85.00	31.05	41.05
W02-04M1A	02-04	09/25/2002	GROUNDWATER	123.00	133.00	73.97	83.97
W02-04M1D	02-04	09/25/2002	GROUNDWATER	123.00	133.00	73.97	83.97
W02-04M2A	02-04	09/26/2002	GROUNDWATER	98.00	108.00	48.93	58.93
W02-04M3A	02-04	09/26/2002	GROUNDWATER	83.00	93.00	34.01	44.01
W02-05M1A	02-05	09/23/2002	GROUNDWATER	110.00	120.00	81.44	91.44
W02-05M2A	02-05	09/23/2002	GROUNDWATER	92.00	102.00	63.41	73.41
W02-05M3A	02-05	09/23/2002	GROUNDWATER	70.00	80.00	41.37	51.37
W02-07M1A	02-07	09/28/2002	GROUNDWATER	135.00	145.00	101.14	111.14
W02-08M1A	02-08	09/27/2002	GROUNDWATER	108.00	113.00	86.56	91.56
W02-08M2A	02-08	09/27/2002	GROUNDWATER	82.00	87.00	60.65	65.65
W02-08M3A	02-08	09/28/2002	GROUNDWATER	62.00	67.00	40.58	45.58
W02-09M1A	02-09	09/27/2002	GROUNDWATER	74.00	84.00	65.26	75.26
W02-09M2A	02-09	09/27/2002	GROUNDWATER	59.00	69.00	50.30	60.30
W02-09SSA	02-09	09/28/2002	GROUNDWATER	7.00	17.00	0.00	10.00
W02-10M1A	02-10	09/27/2002	GROUNDWATER	135.00	145.00	94.00	104.00
W02-10M2A	02-10	09/27/2002	GROUNDWATER	110.00	120.00	68.61	78.61
W02-10M3A	02-10	09/27/2002	GROUNDWATER	85.00	95.00	43.65	53.65
W02-12M1A	02-12	09/04/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M1A	02-12	09/11/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M1A	02-12	09/17/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M1A	02-12	09/24/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M1D	02-12	09/04/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M2A	02-12	09/04/2002	GROUNDWATER	94.00	104.00	42.15	52.15
W02-12M2A	02-12	09/11/2002	GROUNDWATER	94.00	105.00	43.21	53.21
W02-12M2A	02-12	09/17/2002	GROUNDWATER	94.00	104.00	43.21	53.21
W02-12M2A	02-12	09/24/2002	GROUNDWATER	94.00	104.00	43.21	53.21
W02-12M3A	02-12	09/04/2002	GROUNDWATER	79.00	89.00	27.21	37.21
W02-12M3A	02-12	09/11/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-12M3A	02-12	09/17/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-12M3A	02-12	09/24/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-12M3D	02-12	09/24/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-13M1A	02-13	09/04/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M1A	02-13	09/11/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M1A	02-13	09/17/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M1A	02-13	09/24/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M2A	02-13	09/04/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M2A	02-13	09/11/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M2A	02-13	09/17/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M2A	02-13	09/24/2002	GROUNDWATER	83.00	93.00	44.20	54.20

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SAMPLING PROGRESS
9/1/2002 - 9/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W02-13M2D	02-13	09/11/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M3A	02-13	09/04/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-13M3A	02-13	09/11/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-13M3A	02-13	09/17/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-13M3A	02-13	09/24/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-13M3D	02-13	09/17/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-15M1A	02-15	09/07/2002	GROUNDWATER	125.00	135.00	75.63	85.63
W02-15M2A	02-15	09/09/2002	GROUNDWATER	101.00	111.00	51.50	61.50
W02-15M3A	02-15	09/09/2002	GROUNDWATER	81.00	91.00	31.40	41.40
W02DDA	MW-2	09/16/2002	GROUNDWATER	355.00	360.00	218.00	223.00
W02M1A	MW-2	09/16/2002	GROUNDWATER	212.00	217.00	75.00	80.00
W02M2A	MW-2	09/16/2002	GROUNDWATER	170.00	175.00	33.00	38.00
W02M2A	MW-2	09/19/2002	GROUNDWATER	170.00	175.00	33.00	38.00
W05DDA	MW-5	09/16/2002	GROUNDWATER	335.00	340.00	223.00	228.00
W05M1A	MW-5	09/17/2002	GROUNDWATER	210.00	215.00	98.00	103.00
W05M2A	MW-5	09/16/2002	GROUNDWATER	170.00	175.00	58.00	63.00
W05SSA	MW-5	09/16/2002	GROUNDWATER	119.00	129.00	7.00	17.00
W100M1A	MW-100	09/10/2002	GROUNDWATER	179.00	189.00	45.00	55.00
W100M2A	MW-100	09/10/2002	GROUNDWATER	164.00	174.00	30.00	40.00
W101M1A	MW-101	09/19/2002	GROUNDWATER	158.00	168.00	27.00	37.00
W101SSA	MW-101	09/19/2002	GROUNDWATER	131.00	141.00	0.00	10.00
W102M1A	MW-102	09/11/2002	GROUNDWATER	267.00	277.00	123.00	133.00
W102M2A	MW-102	09/12/2002	GROUNDWATER	237.00	247.00	93.00	103.00
W102SSA	MW-102	09/12/2002	GROUNDWATER	145.00	155.00	1.00	11.00
W104M1A	MW-104	09/11/2002	GROUNDWATER	155.00	165.00	37.00	47.00
W104M2A	MW-104	09/12/2002	GROUNDWATER	237.00	247.00	17.00	27.00
W104M2D	MW-104	09/12/2002	GROUNDWATER	237.00	247.00	17.00	27.00
W104SSA	MW-104	09/12/2002	GROUNDWATER				
W105M1A	MW-105	09/19/2002	GROUNDWATER	205.00	215.00	78.00	88.00
W105M2A	MW-105	09/19/2002	GROUNDWATER	165.00	175.00	38.00	48.00
W107M1A	MW-107	09/12/2002	GROUNDWATER	155.00	165.00	35.00	45.00
W107M2A	MW-107	09/12/2002	GROUNDWATER	125.00	135.00	5.00	15.00
W108DDA	MW-108	09/13/2002	GROUNDWATER	317.00	327.00	153.00	163.00
W108DDD	MW-108	09/13/2002	GROUNDWATER	317.00	327.00	153.00	163.00
W108M1A	MW-108	09/16/2002	GROUNDWATER	297.00	307.00	133.00	143.00
W108M2A	MW-108	09/17/2002	GROUNDWATER	282.00	292.00	118.00	128.00
W108M3A	MW-108	09/13/2002	GROUNDWATER	262.00	272.00	98.00	108.00
W108M4A	MW-108	09/13/2002	GROUNDWATER	240.00	250.00	76.00	86.00
W109SSA	MW-109	09/19/2002	GROUNDWATER	89.00	99.00	1.00	11.00
W10DDA	MW-10	09/19/2002	GROUNDWATER	351.50	361.50	204.00	212.00
W10DDA	MW-10	09/19/2002	GROUNDWATER	351.50	361.50	204.00	214.00
W10MMA	MW-10	09/19/2002	GROUNDWATER	280.00	285.00	133.00	138.00
W10SSA	MW-10	09/19/2002	GROUNDWATER	145.00	155.00	0.00	10.00
W110M1A	MW-110	09/16/2002	GROUNDWATER	315.50	325.50	142.00	152.00
W110M2A	MW-110	09/16/2002	GROUNDWATER	248.50	258.50	75.00	85.00
W110M3A	MW-110	09/17/2002	GROUNDWATER	220.50	230.50	47.00	57.00
W111M1A	MW-111	09/17/2002	GROUNDWATER	224.00	234.00	92.00	102.00
W111M1D	MW-111	09/17/2002	GROUNDWATER	224.00	234.00	92.00	102.00
W111M2A	MW-111	09/18/2002	GROUNDWATER	224.00	234.00	50.00	60.00
W111M3A	MW-111	09/18/2002	GROUNDWATER	165.00	175.00	33.00	43.00

Profiling methods include: Volatiles and Explosives
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Other Sample Types methods are variable
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SED = Sample End Depth, measured in feet bgs
BWTS = Depth below water table, start depth, measured in feet
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TABLE 2
SAMPLING PROGRESS
9/1/2002 - 9/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W112M1A	MW-112	09/18/2002	GROUNDWATER	195.00	205.00	56.00	66.00
W112M1D	MW-112	09/18/2002	GROUNDWATER	195.00	205.00	56.00	66.00
W112M2A	MW-112	09/18/2002	GROUNDWATER	165.00	175.00	26.00	36.00
W113M1A	MW-113	09/17/2002	GROUNDWATER	240.00	250.00	98.00	108.00
W113M2A	MW-113	09/17/2002	GROUNDWATER	190.00	200.00	48.00	58.00
W115M1A	MW-115	09/12/2002	GROUNDWATER	138.00	148.00	22.00	32.00
W115SSA	MW-155	09/11/2002	GROUNDWATER	116.00	126.00	0.00	10.00
W125M1A	MW-125	09/19/2002	GROUNDWATER	232.00	242.00	182.00	192.00
W125SSA	MW-125	09/18/2002	GROUNDWATER	50.00	60.00	0.00	10.00
W128M1A	MW-128	09/20/2002	GROUNDWATER	144.00	154.00	57.00	67.00
W128M2A	MW-128	09/20/2002	GROUNDWATER	104.00	114.00	17.00	27.00
W128SSA	MW-128	09/20/2002	GROUNDWATER	87.00	97.00	0.00	10.00
W132M1A	MW-132	09/20/2002	GROUNDWATER	224.00	234.00	187.00	197.00
W132M1D	MW-132	09/20/2002	GROUNDWATER	224.00	234.00	187.00	197.00
W132SSA	MW-132	09/20/2002	GROUNDWATER	37.00	47.00	0.00	10.00
W132SSA	MW-132	09/20/2002	GROUNDWATER	37.00	47.00	0.00	10.00
W134M1A	MW-134	09/20/2002	GROUNDWATER	250.00	260.00	105.00	115.00
W134M2A	MW-134	09/20/2002	GROUNDWATER	170.00	180.00	25.00	35.00
W135M1A	MW-135	09/23/2002	GROUNDWATER	319.00	329.00	133.00	143.00
W135M2A	MW-135	09/23/2002	GROUNDWATER	280.00	290.00	94.00	104.00
W135M3A	MW-135	09/23/2002	GROUNDWATER	239.00	249.00	53.00	63.00
W136M1A	MW-136	09/13/2002	GROUNDWATER	124.00	134.00	17.00	27.00
W136M1D	MW-136	09/13/2002	GROUNDWATER	124.00	134.00	17.00	27.00
W136SSA	MW-136	09/13/2002	GROUNDWATER	107.00	117.00	0.00	10.00
W138M1A	MW-138	09/23/2002	GROUNDWATER	253.00	263.00	132.00	142.00
W138M2A	MW-138	09/23/2002	GROUNDWATER	151.00	161.00	30.00	40.00
W138M3A	MW-138	09/20/2002	GROUNDWATER	135.00	145.00	14.00	24.00
W13DDA	MW-13	09/17/2002	GROUNDWATER	220.00	225.00	145.00	150.00
W13SSA	MW-13	09/17/2002	GROUNDWATER	73.00	83.00	0.00	10.00
W140M1A	MW-140	09/24/2002	GROUNDWATER	107.00	117.00	19.00	29.00
W142M1A	MW-142	09/03/2002	GROUNDWATER	225.00	235.00	185.00	195.00
W142M2A	MW-142	09/03/2002	GROUNDWATER	140.00	150.00	100.00	110.00
W142M2D	MW-142	09/03/2002	GROUNDWATER	140.00	150.00	100.00	110.00
W142SSA	MW-142	09/03/2002	GROUNDWATER	42.00	52.00	2.00	12.00
W143M1A	MW-143	09/03/2002	GROUNDWATER	144.00	154.00	114.00	124.00
W143M2A	MW-143	09/03/2002	GROUNDWATER	117.00	122.00	87.00	92.00
W143M3A	MW-143	09/06/2002	GROUNDWATER	107.00	112.00	77.00	82.00
W144M1A	MW-144	09/03/2002	GROUNDWATER	189.00	193.00	168.00	172.00
W144M2A	MW-144	09/03/2002	GROUNDWATER	130.00	140.00	109.00	119.00
W144SSA	MW-144	09/06/2002	GROUNDWATER	26.00	36.00	5.00	15.00
W145M1A	MW-145	09/04/2002	GROUNDWATER	125.00	135.00	97.00	107.00
W145SSA	MW-145	09/05/2002	GROUNDWATER	30.00	40.00	0.00	10.00
W146M1A	MW-146	09/04/2002	GROUNDWATER	166.00	171.00	75.00	80.00
W146SSA	MW-146	09/04/2002	GROUNDWATER	92.00	102.00	1.00	11.00
W147M1A	MW-147	09/05/2002	GROUNDWATER	166.00	176.00	94.00	104.00
W147M2A	MW-147	09/05/2002	GROUNDWATER	150.00	160.00	70.87	80.87
W147M3A	MW-147	09/05/2002	GROUNDWATER	82.00	92.00	2.86	12.86
W148M1A	MW-148	09/04/2002	GROUNDWATER	96.00	100.00	29.00	39.00
W148SSA	MW-148	09/04/2002	GROUNDWATER	61.00	71.00	0.00	10.00
W149SSA	MW-149	09/06/2002	GROUNDWATER	105.50	115.50	4.00	14.00

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TABLE 2
SAMPLING PROGRESS
9/1/2002 - 9/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W150SSA	MW-150	09/06/2002	GROUNDWATER	92.50	102.50	0.00	10.00
W151SSA	MW-151	09/06/2002	GROUNDWATER	55.60	65.50	0.00	10.00
W151SSD	MW-151	09/06/2002	GROUNDWATER	55.60	65.50	0.00	10.00
W153M1A	MW-153	09/30/2002	GROUNDWATER				
W155M1A	MW-155	09/12/2002	GROUNDWATER	124.00	134.00	99.00	109.00
W155M1D	MW-155	09/12/2002	GROUNDWATER	124.00	134.00	99.00	109.00
W155M2A	MW-155	09/12/2002	GROUNDWATER	45.00	55.00	20.00	30.00
W157DDA	MW-157	09/30/2002	GROUNDWATER				
W157M1A	MW-157	09/30/2002	GROUNDWATER				
W157M2A	MW-157	09/30/2002	GROUNDWATER				
W164M1A	MW-164	09/05/2002	GROUNDWATER	227.00	237.00	9.00	19.00
W164M2A	MW-164	09/05/2002	GROUNDWATER	157.00	167.00	119.00	129.00
W164M2D	MW-164	09/05/2002	GROUNDWATER	157.00	167.00	119.00	129.00
W164M3A	MW-164	09/05/2002	GROUNDWATER	117.00	127.00	49.00	59.00
W166M1A	MW-166	09/10/2002	GROUNDWATER	218.00	223.00	112.00	117.00
W167M3A	MW-167	09/03/2002	GROUNDWATER	100.00	110.00	21.00	31.00
W168M1A	MW-168	09/13/2002	GROUNDWATER	256.00	266.00	174.00	184.00
W168M2A	MW-168	09/13/2002	GROUNDWATER	198.00	208.00	116.00	126.00
W168M3A	MW-168	09/13/2002	GROUNDWATER	103.00	113.00	21.00	31.00
W169M1A	MW-169	09/19/2002	GROUNDWATER	154.00	159.00		
W169M1D	MW-169	09/19/2002	GROUNDWATER	154.00	159.00		
W169M2A	MW-169	09/19/2002	GROUNDWATER	113.50	118.50		
W171M1A	MW-171	09/20/2002	GROUNDWATER	141.00	146.00	143.00	148.00
W171M2A	MW-171	09/20/2002	GROUNDWATER	81.00	86.00	83.00	88.00
W171M3A	MW-171	09/20/2002	GROUNDWATER	29.00	34.00	31.00	36.00
W172M1A	MW-172	09/18/2002	GROUNDWATER	199.00	209.00	134.00	144.00
W172M2A	MW-172	09/18/2002	GROUNDWATER	169.00	179.00	104.00	114.00
W172M3A	MW-172	09/18/2002	GROUNDWATER	109.00	119.00	44.00	54.00
W173M1A	MW-173	09/03/2002	GROUNDWATER	243.00	253.00	104.20	114.20
W184M1A	MW-184	09/18/2002	GROUNDWATER	186.00	196.00	58.20	68.20
W184M1D	MW-184	09/18/2002	GROUNDWATER	186.00	196.00	58.20	68.20
W184M2A	MW-184	09/19/2002	GROUNDWATER	126.00	136.00	0.00	10.00
W18DDA	MW-18	09/30/2002	GROUNDWATER				
W18M1A	MW-18	09/30/2002	GROUNDWATER				
W18M2A	MW-18	09/30/2002	GROUNDWATER				
W212M1A	MW-212	09/18/2002	GROUNDWATER	333.00	343.00	125.60	135.60
W212M2A	MW-212	09/18/2002	GROUNDWATER	308.00	318.00	98.60	108.60
W213M1A	MW-213	09/09/2002	GROUNDWATER	133.00	143.00	85.01	95.01
W213M2A	MW-213	09/09/2002	GROUNDWATER	89.00	99.00	40.53	50.53
W213M3A	MW-213	09/09/2002	GROUNDWATER	77.00	82.00	28.70	38.70
W219M1A	MW-219	09/24/2002	GROUNDWATER	357.00	367.00	178.00	188.00
W219M1D	MW-219	09/24/2002	GROUNDWATER	357.00	367.00	178.00	188.00
W219M2A	MW-219	09/23/2002	GROUNDWATER	332.00	342.00	153.05	163.05
W219M3A	MW-219	09/23/2002	GROUNDWATER	315.00	325.00	135.80	145.80
W219M4A	MW-219	09/23/2002	GROUNDWATER	225.00	235.00	45.70	55.70
W21M3A	MW-21	09/30/2002	GROUNDWATER				
W226M1A	MW-226	09/07/2002	GROUNDWATER	285.00	295.00	0.00	7.73
W226M2A	MW-226	09/07/2002	GROUNDWATER	175.00	185.00	61.70	71.70
W226M2D	MW-226	09/07/2002	GROUNDWATER	175.00	185.00	61.70	71.70
W226M3A	MW-226	09/07/2002	GROUNDWATER	135.00	145.00	21.53	31.53

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TABLE 2
SAMPLING PROGRESS
9/1/2002 - 9/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W228SSA	MW-228	09/05/2002	GROUNDWATER	104.00	114.00	0.00	10.00
W229M1A	MW-229	09/05/2002	GROUNDWATER	286.00	296.00	173.27	183.27
W229M2A	MW-229	09/06/2002	GROUNDWATER	206.00	216.00	93.28	113.28
W229M3A	MW-229	09/06/2002	GROUNDWATER	141.00	151.00	28.27	38.27
W229M4A	MW-229	09/06/2002	GROUNDWATER	117.00	127.00	4.18	14.18
W38DDA	MW-38	09/25/2002	GROUNDWATER	242.00	252.00	124.00	134.00
W38M1A	MW-38	09/25/2002	GROUNDWATER	217.00	227.00	99.00	109.00
W38M2A	MW-38	09/25/2002	GROUNDWATER	187.00	197.00	69.00	79.00
W38M3A	MW-38	09/26/2002	GROUNDWATER	170.00	180.00	52.00	62.00
W38M4A	MW-38	09/26/2002	GROUNDWATER	132.00	142.00	14.00	24.00
W54DDA	MW-54	09/03/2002	GROUNDWATER	278.00	288.00	127.00	137.00
W54M1A	MW-54	09/03/2002	GROUNDWATER	230.00	240.00	79.00	89.00
W54M2A	MW-54	09/05/2002	GROUNDWATER	210.00	220.00	59.00	69.00
W54M3A	MW-54	09/05/2002	GROUNDWATER	180.00	190.00	29.00	39.00
W54M3D	MW-54	09/05/2002	GROUNDWATER	180.00	190.00	29.00	39.00
W55M2A	MW-55	09/03/2002	GROUNDWATER	195.00	205.00	59.00	69.00
W55M3A	MW-55	09/03/2002	GROUNDWATER	164.50	174.50	28.00	38.00
W59M1A	MW-59	09/23/2002	GROUNDWATER	165.00	170.00	32.00	38.00
W59M2A	MW-59	09/23/2002	GROUNDWATER	150.00	160.00	18.00	28.00
W80DDA	MW-80	09/09/2002	GROUNDWATER	158.00	168.00	114.00	124.00
W80M1A	MW-80	09/09/2002	GROUNDWATER	130.00	140.00	86.00	96.00
W80M2A	MW-80	09/10/2002	GROUNDWATER	110.00	110.00	56.00	66.00
W80M2D	MW-80	09/10/2002	GROUNDWATER	110.00	110.00	56.00	66.00
W80M3A	MW-80	09/10/2002	GROUNDWATER	70.00	80.00	26.00	36.00
W81DDA	MW-81	09/07/2002	GROUNDWATER	184.00	194.00	156.00	166.00
W81M1A	MW-81	09/07/2002	GROUNDWATER	128.00	138.00	100.00	110.00
W81M2A	MW-81	09/07/2002	GROUNDWATER	83.00	93.00	55.00	65.00
W81M3A	MW-81	09/07/2002	GROUNDWATER	53.00	58.00	25.00	30.00
W81SSA	MW-81	09/07/2002	GROUNDWATER	25.00	35.00	0.00	10.00
W82DDA	MW-82	09/07/2002	GROUNDWATER	125.00	135.00	97.00	107.00
W82M1A	MW-82	09/07/2002	GROUNDWATER	104.00	114.00	76.00	86.00
W82M2A	MW-82	09/07/2002	GROUNDWATER	78.00	88.00	50.00	60.00
W82M3A	MW-82	09/07/2002	GROUNDWATER	54.00	64.00	26.00	36.00
W82M3D	MW-82	09/07/2002	GROUNDWATER	54.00	64.00	26.00	36.00
W82SSA	MW-82	09/07/2002	GROUNDWATER	25.00	35.00	0.00	10.00
W85M1A	MW-85	09/12/2002	GROUNDWATER	137.50	147.50	22.00	32.00
W90M1A	MW-90	09/12/2002	GROUNDWATER	145.00	155.00	27.00	37.00
W90SSA	MW-90	09/12/2002	GROUNDWATER	118.00	128.00	0.00	10.00
W91M1A	MW-91	09/27/2002	GROUNDWATER	170.00	180.00	45.00	55.00
W92M1A	MW-92	09/25/2002	GROUNDWATER	165.00	175.00	25.00	35.00
W92SSA	MW-92	09/25/2002	GROUNDWATER	139.00	149.00	0.00	10.00
W93M1A	MW-93	09/24/2002	GROUNDWATER	185.00	195.00	56.00	66.00
W93M2A	MW-93	09/27/2002	GROUNDWATER	145.00	155.00	16.00	26.00
W94M1A	MW-94	09/26/2002	GROUNDWATER	160.00	170.00	36.00	46.00
W94M2A	MW-94	09/27/2002	GROUNDWATER	140.00	150.00	16.00	26.00
W95M1A	MW-95	09/27/2002	GROUNDWATER	202.00	212.00	78.00	88.00
W95M2A	MW-95	09/27/2002	GROUNDWATER	167.00	177.00	43.00	53.00
W96M1A	MW-96	09/27/2002	GROUNDWATER	206.00	216.00	70.00	80.00
W96M2A	MW-96	09/27/2002	GROUNDWATER	160.00	170.00	24.00	34.00
W96SSA	MW-96	09/27/2002	GROUNDWATER	134.00	144.00	0.00	10.00

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TABLE 2
SAMPLING PROGRESS
9/1/2002 - 9/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W98M1A	MW-98	09/26/2002	GROUNDWATER	164.00	174.00	26.00	36.00
W98SSA	MW-98	09/26/2002	GROUNDWATER	137.00	147.00	0.00	10.00
W99M1A	MW-99	09/27/2002	GROUNDWATER	195.00	205.00	60.00	70.00
W99M1D	MW-99	09/27/2002	GROUNDWATER	195.00	205.00	60.00	70.00
WS-4AD-A	WS-4A	09/26/2002	GROUNDWATER	218.00	228.00	147.85	157.85
WS-4AS-A	WS-4A	09/26/2002	GROUNDWATER	155.00	165.00	84.89	94.89
XXM971-A	97-1	09/09/2002	GROUNDWATER	83.00	93.00	59.95	69.95
XXM972-A	97-2	09/09/2002	GROUNDWATER	75.00	85.00	50.66	60.66
XXM973-A	97-3	09/06/2002	GROUNDWATER	75.00	85.00	34.54	44.54
XXM975-A	97-5	09/06/2002	GROUNDWATER	84.00	94.00	73.65	83.65
XXWSCN-A	Schooner Pass	09/03/2002	GROUNDWATER				
XXWSCN-D	Schooner Pass	09/03/2002	GROUNDWATER				
DW0902402-NV	GAC WATER	09/24/2002	IDW				
DW091002-NV	GAC WATER	09/10/2002	IDW				
DW091202-NV	GAC WATER	09/12/2002	IDW				
DW091802-NV	GAC WATER	09/18/2002	IDW				
DW092402-NV	GAC WATER	09/24/2002	IDW				
DW093002-NV	GAC WATER	09/30/2002	IDW				
FS12TSEF-A	FS12TSEF	09/30/2002	PROCESS WATEF				
FS12TSIN-A	FS12TSIN	09/30/2002	PROCESS WATEF				
G237DAA	MW-237	09/09/2002	PROFILE	58.00	58.00	7.00	7.00
G237DBA	MW-237	09/09/2002	PROFILE	60.00	60.00	9.00	9.00
G237DCA	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00
G237DCD	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00
G237DDA	MW-237	09/09/2002	PROFILE	80.00	80.00	29.00	29.00
G237DEA	MW-237	09/09/2002	PROFILE	90.00	90.00	39.00	39.00
G237DFA	MW-237	09/09/2002	PROFILE	100.00	100.00	49.00	49.00
G237DGA	MW-237	09/09/2002	PROFILE	110.00	110.00	59.00	59.00
G237DHA	MW-237	09/09/2002	PROFILE	120.00	120.00	69.00	69.00
G237DIA	MW-237	09/09/2002	PROFILE	13.00	130.00	79.00	79.00
G237DJA	MW-237	09/10/2002	PROFILE	140.00	140.00	89.00	89.00
G237DKA	MW-237	09/10/2002	PROFILE	150.00	150.00	99.00	99.00
G237DLA	MW-237	09/10/2002	PROFILE	160.00	160.00	109.00	109.00
G237DMA	MW-237	09/10/2002	PROFILE	170.00	170.00	119.00	119.00
G237DNA	MW-237	09/10/2002	PROFILE	180.00	180.00	129.00	129.00
G237DOA	MW-237	09/10/2002	PROFILE	190.00	190.00	139.00	139.00
G237DPA	MW-237	09/10/2002	PROFILE	200.00	200.00	149.00	149.00
G237DQA	MW-237	09/10/2002	PROFILE	210.00	210.00	159.00	159.00
G238DAA	MW-238	09/11/2002	PROFILE	105.00	105.00	7.50	7.50
G238DBA	MW-238	09/11/2002	PROFILE	110.00	110.00	12.50	12.50
G238DCA	MW-238	09/11/2002	PROFILE	120.00	120.00	22.50	22.50
G238DDA	MW-238	09/11/2002	PROFILE	130.00	130.00	32.50	32.50
G238DEA	MW-238	09/11/2002	PROFILE	140.00	140.00	42.50	42.50
G238DFA	MW-238	09/11/2002	PROFILE	150.00	150.00	52.50	52.50
G238DHA	MW-238	09/11/2002	PROFILE	170.00	170.00	72.50	72.50
G238DIA	MW-238	09/12/2002	PROFILE	180.00	180.00	82.50	82.50
G238DJA	MW-238	09/12/2002	PROFILE	190.00	190.00	92.50	92.50
G238DKA	MW-238	09/12/2002	PROFILE	200.00	200.00	102.50	102.50
G238DLA	MW-238	09/12/2002	PROFILE	210.00	210.00	112.50	112.50
G238DLD	MW-238	09/12/2002	PROFILE	210.00	210.00	112.50	112.50

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TABLE 2
SAMPLING PROGRESS
9/1/2002 - 9/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G238DMA	MW-238	09/12/2002	PROFILE	220.00	220.00	122.50	122.50
G238DNA	MW-238	09/12/2002	PROFILE	230.00	230.00	132.50	132.50
G238DOA	MW-238	09/12/2002	PROFILE	240.00	240.00	142.50	142.50
G238DPA	MW-238	09/12/2002	PROFILE	250.00	250.00	152.50	152.50
G238DQA	MW-238	09/12/2002	PROFILE	260.00	260.00	162.50	162.50
G239DAA	MW-239	09/18/2002	PROFILE	30.00	30.00	9.65	9.65
G239DBA	MW-239	09/18/2002	PROFILE	40.00	40.00	19.65	19.65
G239DCA	MW-239	09/18/2002	PROFILE	50.00	50.00	29.65	29.65
G239DDA	MW-239	09/18/2002	PROFILE	60.00	60.00	39.65	39.65
G239DEA	MW-239	09/18/2002	PROFILE	70.00	70.00	49.65	49.65
G239DFA	MW-239	09/19/2002	PROFILE	80.00	80.00	59.65	59.65
G239DFD	MW-239	09/19/2002	PROFILE	80.00	80.00	59.65	59.65
G239DGA	MW-239	09/19/2002	PROFILE	90.00	90.00	69.65	69.65
G239DHA	MW-239	09/19/2002	PROFILE	100.00	100.00	79.65	79.65
G239DIA	MW-239	09/19/2002	PROFILE	110.00	110.00	89.65	89.65
G239DJA	MW-239	09/19/2002	PROFILE	120.00	120.00	99.65	99.65
G239DKA	MW-239	09/19/2002	PROFILE	130.00	130.00	109.65	109.65
G239DLA	MW-239	09/19/2002	PROFILE	140.00	140.00	119.65	119.65
G239DMA	MW-239	09/19/2002	PROFILE	150.00	150.00	129.65	129.65
G239DNA	MW-239	09/19/2002	PROFILE	160.00	160.00	139.65	139.65
G239DOA	MW-239	09/19/2002	PROFILE	170.00	170.00	149.65	149.65
G239DPA	MW-239	09/19/2002	PROFILE	180.00	180.00	159.65	159.65
G239DQA	MW-239	09/19/2002	PROFILE	190.00	190.00	169.65	169.65
G239DSA	MW-239	09/20/2002	PROFILE	210.00	210.00	179.65	179.65
G240DAA	MW-240	09/20/2002	PROFILE	105.00	105.00	6.70	6.70
G240DBA	MW-240	09/23/2002	PROFILE	110.00	110.00	11.70	11.70
G240DCA	MW-240	09/24/2002	PROFILE	120.00	120.00	21.70	21.70
G240DDA	MW-240	09/24/2002	PROFILE	130.00	130.00	31.70	31.70
G240DFA	MW-240	09/24/2002	PROFILE	150.00	150.00	51.70	51.70
G240DGA	MW-240	09/25/2002	PROFILE	160.00	160.00	61.70	61.70
G240DIA	MW-240	09/25/2002	PROFILE	180.00	180.00	71.70	71.70
G240DJA	MW-240	09/25/2002	PROFILE	190.00	190.00	81.70	81.70
G240DJD	MW-240	09/25/2002	PROFILE	190.00	190.00	81.70	81.70
G240DKA	MW-240	09/26/2002	PROFILE	200.00	200.00	91.70	91.70
G240DLA	MW-240	09/26/2002	PROFILE	210.00	210.00	101.70	101.70
G240DMA	MW-240	09/26/2002	PROFILE	220.00	220.00	111.70	111.70
G240DNA	MW-240	09/26/2002	PROFILE	230.00	230.00	121.70	121.70
G241DAA	MW-241	09/24/2002	PROFILE	98.00	98.00	0.00	0.00
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00
G241DCA	MW-241	09/25/2002	PROFILE	120.00	120.00	22.00	22.00
G241DDA	MW-241	09/25/2002	PROFILE	130.00	130.00	32.00	32.00
G241DEA	MW-241	09/25/2002	PROFILE	140.00	140.00	42.00	42.00
G241DFA	MW-241	09/25/2002	PROFILE	150.00	150.00	52.00	52.00
G241DGA	MW-241	09/25/2002	PROFILE	160.00	160.00	62.00	62.00
G241DGD	MW-241	09/25/2002	PROFILE	170.00	170.00	72.00	72.00
G241DHA	MW-241	09/25/2002	PROFILE	170.00	170.00	72.00	72.00
G241DIA	MW-241	09/25/2002	PROFILE	180.00	180.00	92.00	92.00
G241DJA	MW-241	09/26/2002	PROFILE	190.00	190.00	102.00	102.00
G241DKA	MW-241	09/26/2002	PROFILE	200.00	200.00	112.00	112.00
G241DLA	MW-241	09/26/2002	PROFILE	210.00	210.00	122.00	122.00

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TABLE 2
SAMPLING PROGRESS
9/1/2002 - 9/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G241DMA	MW-241	09/26/2002	PROFILE	220.00	220.00	132.00	132.00
G241DNA	MW-241	09/26/2002	PROFILE	230.00	230.00	142.00	142.00
G241DOA	MW-241	09/26/2002	PROFILE	240.00	240.00	152.00	152.00
G241DPA	MW-241	09/26/2002	PROFILE	250.00	250.00	162.00	162.00
ABB0040AAA	B-40	09/18/2002	SOIL BORING	4.00	5.00		
ABB0040BAA	B-40	09/18/2002	SOIL BORING	9.00	10.00		
HDA08290202AA	A08290202	09/13/2002	SOIL GRID	0.00	0.25		
HDA09230201AA	A09230201	09/27/2002	SOIL GRID	0.00	0.16		
HDES.J14.010PE1	ES.J14.010	09/25/2002	SOIL GRID	0.00	0.16		
HDES.J14.010PE2	ES.J14.010	09/25/2002	SOIL GRID	0.00	0.16		
HDES.J14.010PE3	ES.J14.010	09/25/2002	SOIL GRID	0.00	0.16		
HDES.J14.010RE2	ES.J14.010	09/25/2002	SOIL GRID	0.00	0.16		
HDES.J14.010RE3	ES.J14.010	09/25/2002	SOIL GRID	0.00	0.16		
HDSR.C5.001.RPE1	SR.C5.001	09/25/2002	SOIL GRID	0.00	0.16		
HDSR.C5.001.RPE2	SR.C5.001	09/25/2002	SOIL GRID	0.00	0.16		
HDSR.C5.001.RPE3	SR.C5.001	09/25/2002	SOIL GRID	0.00	0.16		
HDSR.C5.001.RPE3	SR.C5.001	09/25/2002	SOIL GRID	0.00	0.16		
HDSR.C8.018.RPE1	SR.C8.018	09/25/2002	SOIL GRID	0.00	0.16		
HDSR.C8.018.RPE2	SR.C8.018	09/25/2002	SOIL GRID	0.00	0.16		
HDSR.C8.018.RPE3	SR.C8.018	09/25/2002	SOIL GRID	0.00	0.16		
HDSR.F9.001.RPE1	SR.F9.001	09/25/2002	SOIL GRID	0.00	0.16		
HDSR.F9.001.RPE2	SR.F9.001	09/25/2002	SOIL GRID	0.00	0.16		
HDSR.F9.001.RPE3	SR.F9.001	09/25/2002	SOIL GRID	0.00	0.16		
HDT2.OH.005.OPE1	T2.OH.005	09/25/2002	SOIL GRID	0.00	0.16		
HDT2.OH.005.OPE2	T2.OH.005	09/25/2002	SOIL GRID	0.00	0.16		
HDT2.OH.005.OPE3	T2.OH.005	09/25/2002	SOIL GRID	0.00	0.16		
LKSNK0005AAA	LKSNK0005	09/11/2002	SURFACE WATEF				
LKSNK0005AAD	LKSNK0005	09/11/2002	SURFACE WATEF				
LKSNK0006AAA	LKSNK0006	09/11/2002	SURFACE WATEF				
LKSNK0007AAA	LKSNK0007	09/11/2002	SURFACE WATEF				
NR.A.T12.06N.1.0	NR.T12.006.R/NR.T1	09/18/2002	CRATER GRID				
NR.A.T12.06C.1.0	NR.T12.006.R/NR.T1	09/18/2002	CRATER GRID				
NR.A.T12.06S.1.0	NR.T12.006.R/NR.T1	09/18/2002	CRATER GRID				
NR.A.T12.06N.2.0	NR.T12.006.R/NR.T1	09/19/2002	CRATER GRID				
NR.A.T12.06C.2.0	NR.T12.006.R/NR.T1	09/19/2002	CRATER GRID				
NR.A.T12.06S.2.0	NR.T12.006.R/NR.T1	09/19/2002	CRATER GRID				
NR.A.T12.06N.3.0	NR.T12.006.R/NR.T1	09/19/2002	CRATER GRID				
NR.A.T12.06C.3.0	NR.T12.006.R/NR.T1	09/19/2002	CRATER GRID				
NR.A.T12.06S.3.0	NR.T12.006.R/NR.T1	09/19/2002	CRATER GRID				
J2.F.T2U.XC1.1.0	J2 Target 2U Excava	09/19/2002	SOIL GRID				
J2.F.T2U.XC1.2.0	J2 Target 2U Excava	09/19/2002	SOIL GRID				
NR.A.T12.06S.2.D	NR.T12.006.R/NR.T1	09/19/2002	CRATER GRID				
J2.A.T2U.001.1.0	J2.T2U.001.R	09/18/2002	CRATER GRID				
J2.A.T2U.001.1.D	J2.T2U.001.R	09/18/2002	CRATER GRID				
J2.A.T2U.001.2.0	J2.T2U.001.R	09/19/2002	CRATER GRID				
J2.A.T2U.001.3.0	J2.T2U.001.R	09/19/2002	CRATER GRID				
J2.A.T2U.002.1.0	J2.T2U.002.R	09/18/2002	CRATER GRID				
J2.A.T2U.002.2.0	J2.T2U.002.R	09/19/2002	CRATER GRID				
J2.A.T2U.002.3.0	J2.T2U.002.R	09/19/2002	CRATER GRID				
J2.A.T2U.003.1.0	J2.T2U.003.R	09/18/2002	CRATER GRID				

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TABLE 2
SAMPLING PROGRESS
9/1/2002 - 9/30/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
J2.A.T2U.003.2.0	J2.T2U.003.R	09/19/2002	CRATER GRID				
J2.A.T2U.003.3.0	J2.T2U.003.R	09/19/2002	CRATER GRID				
J2.A.T2U.004.1.0	J2.T2U.004.R	09/18/2002	CRATER GRID				
J2.A.T2U.004.2.0	J2.T2U.004.R	09/19/2002	CRATER GRID				
J2.A.T2U.004.3.0	J2.T2U.004.R	09/19/2002	CRATER GRID				
J2.A.T2U.004.2.D	J2.T2U.004.R	09/19/2002	CRATER GRID				
J2.A.T2U.005.1.0	J2.T2U.005.R	09/18/2002	CRATER GRID				
J2.A.T2U.005.2.0	J2.T2U.005.R	09/19/2002	CRATER GRID				
J2.A.T2U.005.3.0	J2.T2U.005.R	09/19/2002	CRATER GRID				
J2.A.T2U.006.1.0	J2.T2U.006.R	09/18/2002	CRATER GRID				
J2.A.T2U.006.2.0	J2.T2U.006.R	09/19/2002	CRATER GRID				
J2.A.T2U.006.3.0	J2.T2U.006.R	09/19/2002	CRATER GRID				
J2.A.T2U.006.3.D	J2.T2U.006.R	09/19/2002	CRATER GRID				
NR.A.T12.6SC.2.0	NR.T12.006.R/NR.T1	09/19/2002	CRATER GRID				
NR.A.T12.6NC.2.0	NR.T12.006.R/NR.T1	09/19/2002	CRATER GRID				
NR.A.T12.6SC.3.0	NR.T12.006.R/NR.T1	09/19/2002	CRATER GRID				
NR.A.T12.6NC.3.0	NR.T12.006.R/NR.T1	09/19/2002	CRATER GRID				

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
ECMWSNP02	ECMWSNP02D	09/13/1999	504	1,2-DIBROMOETHANE (ETHYL	0.11		UG/L	4.30	4.30	0.05	X
MW-41	W41M1A	05/18/2000	8151	PENTACHLOROPHENOL	1.80	J	UG/L	108.00	118.00	1.00	X
MW-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-31	W31SSA	05/15/2000	8330N	2,4,6-TRINITROTOLUENE	3.30		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	08/09/2000	8330N	2,4,6-TRINITROTOLUENE	3.90	J	UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	12/08/2000	8330N	2,4,6-TRINITROTOLUENE	5.20	J	UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	05/02/2001	8330N	2,4,6-TRINITROTOLUENE	5.20		UG/L	13.00	18.00	2.00	X
MW-31	W31MMA	05/23/2001	8330N	2,4,6-TRINITROTOLUENE	5.20		UG/L	28.00	38.00	2.00	X
MW-31	W31DDA	08/09/2000	8330N	2,4,6-TRINITROTOLUENE	3.90	J	UG/L	48.00	53.00	2.00	X
MW-45	W45SSA	08/23/2001	8330N	2,6-DINITROTOLUENE	8.30	J	UG/L	0.00	10.00	5.00	X

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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
58MW0001	58MW0001	05/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.80		UG/L	3.60	8.60	2.00	X
58MW0001	58MW0001	05/31/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.00		UG/L	3.60	8.60	2.00	X
58MW0001	58MW0001	08/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	4.78	9.78	2.00	X
58MW0001	58MW0001-D	08/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	4.78	9.78	2.00	X
58MW0002	WC2XXA	02/26/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	19.00		UG/L	4.00	9.00	2.00	X
58MW0002	WC2XXA	01/14/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	20.00		UG/L	4.00	9.00	2.00	X
58MW0002	WC2XXA	10/08/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.80		UG/L	4.00	9.00	2.00	X
58MW0002	58MW0002	05/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	13.00		UG/L	4.00	9.00	2.00	X
58MW0002	58MW0002	09/19/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	15.00		UG/L	4.00	9.00	2.00	X
58MW0002	58MW0002	05/31/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	16.00		UG/L	4.00	9.00	2.00	X
58MW0009E	WC9EXA	01/26/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	17.00		UG/L	6.50	11.50	2.00	X
58MW0009E	WC9EXA	09/28/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	18.00		UG/L	6.50	11.50	2.00	X
58MW0009E	WC9EXD	09/28/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	18.00		UG/L	6.50	11.50	2.00	X
58MW0009E	58MW0009E	05/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.40		UG/L	6.50	11.50	2.00	X
58MW0009E	58MW0009E	08/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	6.50	11.50	2.00	X
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
58MW0016B	58MW0016B	08/30/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.30		UG/L	28.50	38.50	2.00	X
58MW0016C	58MW0016C	08/30/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.80		UG/L	0.00	10.00	2.00	X
58MW0016C	58MW0016C	06/04/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.30		UG/L	0.00	10.00	2.00	X
90MW0022	WF22XA	01/26/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.80		UG/L	72.79	77.79	2.00	X
90MW0022	WF22XA	02/16/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.40		UG/L	72.79	77.79	2.00	X
90MW0022	WF22XA	09/30/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.20		UG/L	72.79	77.79	2.00	X
90MW0054	90MW0054	12/08/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.10		UG/L	91.83	96.83	2.00	X
90MW0054	90MW0054	04/20/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.70		UG/L	91.83	96.83	2.00	X
90WT0013	WF13XA	01/16/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.20	J	UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	02/22/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.80		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	09/07/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	05/31/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.10	J	UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	07/31/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.80	J	UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	11/18/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.20		UG/L	0.00	10.00	2.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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
MW-111	W111M3A	10/10/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20		UG/L	33.00	43.00	2.00	X

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

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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-163	W163SSA	03/07/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.20		UG/L	0.00	10.00	2.00	X
MW-164	W164M2A	05/25/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	119.00	129.00	2.00	X
MW-164	W164M2A	08/21/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.00		UG/L	119.00	129.00	2.00	X
MW-164	W164M2A	01/17/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.60		UG/L	119.00	129.00	2.00	X
MW-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-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-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
MW-19	W19SSA	05/23/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	160.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	08/08/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	290.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	12/08/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	200.00		UG/L	0.00	10.00	2.00	X
MW-191	W191M2A	01/25/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10	J	UG/L	8.40	18.40	2.00	X
MW-198	W198M4A	02/21/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	48.40	53.40	2.00	X
MW-2	W02M2A	01/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	13.00		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	02/03/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.80		UG/L	33.00	38.00	2.00	X

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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 SEPTEMBER 2002

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-2	W02M2A	09/03/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.80		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	05/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.30	J	UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	08/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	11/27/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	05/03/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.10		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	08/21/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.50		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	11/19/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.00		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	05/01/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.00	J	UG/L	33.00	38.00	2.00	X
MW-2	W02M1A	08/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10		UG/L	75.00	80.00	2.00	X
MW-201	W201M2A	03/13/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10	J	UG/L	0.00	0.00	2.00	X
MW-204	W204M1A	04/10/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.60		UG/L	0.00	10.00	2.00	X
MW-207	W207M1A	04/16/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	18.00		UG/L	100.52	119.52	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-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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-31	W31MMA	02/02/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	370.00		UG/L	28.00	38.00	2.00	X
MW-31	W31MMA	09/15/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	29.00		UG/L	28.00	38.00	2.00	X
MW-31	W31M1A	05/15/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	19.00		UG/L	28.00	38.00	2.00	X
MW-31	W31M1A	08/09/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	14.00		UG/L	28.00	38.00	2.00	X
MW-31	W31MMA	05/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	70.00		UG/L	28.00	38.00	2.00	X
MW-31	W31DDA	08/09/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	150.00		UG/L	48.00	53.00	2.00	X
MW-34	W34M2A	02/19/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.20		UG/L	53.00	63.00	2.00	X
MW-34	W34M2A	05/18/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.70		UG/L	53.00	63.00	2.00	X
MW-34	W34M2A	08/10/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.10		UG/L	53.00	63.00	2.00	X
MW-34	W34M2A	11/17/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	53.00	63.00	2.00	X
MW-34	W34M1A	05/17/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20		UG/L	73.00	83.00	2.00	X
MW-34	W34M1A	08/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.00		UG/L	73.00	83.00	2.00	X
MW-34	W34M1A	11/17/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.50		UG/L	73.00	83.00	2.00	X
MW-37	W37M2A	09/29/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.90		UG/L	26.00	36.00	2.00	X
MW-37	W37M2A	12/29/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.60		UG/L	26.00	36.00	2.00	X
MW-37	W37M2A	03/27/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.10		UG/L	26.00	36.00	2.00	X
MW-37	W37M2A	08/31/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.80	J	UG/L	26.00	36.00	2.00	X
MW-37	W37M2A	11/27/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	26.00	36.00	2.00	X
MW-37	W37M2D	11/27/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	26.00	36.00	2.00	X
MW-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

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1997 THROUGH SEPTEMBER 2002

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-40	W40M1A	12/30/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.00	J	UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	04/14/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.00	J	UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	09/01/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40	J	UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	11/27/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	06/02/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10		UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	08/16/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.90		UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	11/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10	J	UG/L	13.00	23.00	2.00	X
MW-58	W58SSA	11/23/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.70	J	UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	02/15/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.00		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	05/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.40	J	UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	09/05/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.10		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	12/20/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.10		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	06/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.30		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	08/22/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.40		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	12/12/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.80		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	07/09/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	50.00	J	UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	09/16/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	63.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	11/02/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	57.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	06/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	44.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	09/05/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	29.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	11/14/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	28.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSD	11/14/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	29.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	06/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	22.00		UG/L	0.00	10.00	2.00	X
MW-76	W76SSA	01/20/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	11.00		UG/L	18.00	28.00	2.00	X
MW-76	W76SSA	05/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.50	J	UG/L	18.00	28.00	2.00	X
MW-76	W76SSA	08/01/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10		UG/L	18.00	28.00	2.00	X
MW-76	W76SSA	05/07/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10		UG/L	18.00	28.00	2.00	X
MW-76	W76M2A	01/24/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	31.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M2D	01/24/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	29.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M2A	05/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	37.00	J	UG/L	38.00	48.00	2.00	X
MW-76	W76M2A	08/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	31.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M2A	12/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	46.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M2A	05/07/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	56.00		UG/L	38.00	48.00	2.00	X

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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-76	W76M1A	12/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.30		UG/L	58.00	68.00	2.00	X
MW-76	W76M1A	05/07/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	28.00		UG/L	58.00	68.00	2.00	X
MW-77	W77M2A	01/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	150.00		UG/L	38.00	48.00	2.00	X
MW-77	W77M2A	05/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	100.00	J	UG/L	38.00	48.00	2.00	X
MW-77	W77M2A	08/01/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	97.00	J	UG/L	38.00	48.00	2.00	X
MW-77	W77M2A	12/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	93.00		UG/L	38.00	48.00	2.00	X
MW-77	W77M2A	05/10/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	39.00		UG/L	38.00	48.00	2.00	X
MW-85	W85M1A	05/22/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	29.00		UG/L	22.00	32.00	2.00	X
MW-85	W85M1A	02/10/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	24.00		UG/L	22.00	32.00	2.00	X
MW-85	W85M1A	06/16/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	27.00		UG/L	22.00	32.00	2.00	X
MW-85	W85M1A	09/26/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	13.00		UG/L	22.00	32.00	2.00	X
MW-85	W85M1A	12/15/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	19.00		UG/L	22.00	32.00	2.00	X
MW-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

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

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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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
MW-99	W99M1D	05/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.90		UG/L	60.00	70.00	2.00	X
MW-99	W99M1A	09/29/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.00		UG/L	60.00	70.00	2.00	X
MW-99	W99M1A	01/13/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.20		UG/L	60.00	70.00	2.00	X
OW-1	WOW-1A	11/15/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.30		UG/L	0.70	10.70	2.00	X
OW-1	WOW-1A	05/21/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.20		UG/L	0.70	10.70	2.00	X
OW-1	WOW-1D	05/21/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.50		UG/L	0.70	10.70	2.00	X
OW-2	WOW-2A	11/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.00		UG/L	48.78	58.78	2.00	X
OW-2	WOW-2A	05/21/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.20		UG/L	48.78	58.78	2.00	X
OW-6	WOW-6A	11/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.30		UG/L	46.80	56.80	2.00	X
MW-19	W19SSA	08/24/2001	8330NX	2,4,6-TRINITROTOLUENE	2.40		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	12/27/2001	8330NX	2,4,6-TRINITROTOLUENE	2.20	J	UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	08/24/2001	8330NX	2,4,6-TRINITROTOLUENE	5.40		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	01/04/2002	8330NX	2,4,6-TRINITROTOLUENE	5.90		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	05/29/2002	8330NX	2,4,6-TRINITROTOLUENE	5.50		UG/L	13.00	18.00	2.00	X
58MW0001	58MW0001	01/11/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	4.60		UG/L	3.60	8.60	2.00	X
58MW0002	58MW0002	12/14/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	15.00		UG/L	4.00	9.00	2.00	X
58MW0009E	58MW0009E	12/11/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	13.00		UG/L	6.50	11.50	2.00	X
58MW0011D	58MW0011D	12/11/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	5.10		UG/L	49.50	54.50	2.00	X
58MW0016C	58MW0016C	12/11/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	4.00		UG/L	0.00	10.00	2.00	X
58MW0018B	58MW0018B	12/13/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	2.20		UG/L	34.55	44.55	2.00	X
MW-1	W01SSA	08/16/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	4.30		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	01/10/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	5.20	J	UG/L	0.00	10.00	2.00	X
MW-1	W01M2A	08/15/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	11.00		UG/L	44.00	49.00	2.00	X
MW-1	W01M2A	11/30/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	8.90		UG/L	44.00	49.00	2.00	X

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1997 THROUGH SEPTEMBER 2002

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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-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
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-31	W31SSA	08/24/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	88.00		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	01/04/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	31.00		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	05/29/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	130.00		UG/L	13.00	18.00	2.00	X
MW-31	W31MMA	04/22/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	7.40		UG/L	28.00	38.00	2.00	X
MW-31	W31MMD	04/22/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	7.20		UG/L	28.00	38.00	2.00	X
MW-73	W73SSA	01/11/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	79.00		UG/L	0.00	10.00	2.00	X
MW-76	W76SSA	08/10/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	4.50		UG/L	18.00	28.00	2.00	X
MW-76	W76SSA	12/28/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	9.90	J	UG/L	18.00	28.00	2.00	X
MW-76	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-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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-19	W19SSA	12/08/2000	CHPPM	HEXAHYDRO-1,3,5-TRINITRO-1	300.00	J	UG/L	0.00	10.00	2.00	X
ASPWELL	ASPWELL	07/20/1999	E200.8	LEAD	53.00		UG/L	0.00	0.00	15.00	X
16MW0001	16MW0001-	05/13/2002	E314.0	PERCHLORATE	2.70		UG/L			1.50	X
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	41.57	47.57	1.50	X
58MW0015A	58MW0015A	04/11/2002	E314.0	PERCHLORATE	2.09		UG/L	39.00	51.20	1.50	X
90MW0022	90MW0022	05/19/2001	E314.0	PERCHLORATE	2.00	J	UG/L	72.79	77.79	1.50	X
90MW0022	90MW0022	09/05/2001	E314.0	PERCHLORATE	2.00	J	UG/L	72.79	77.79	1.50	X
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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-114	W114M1A	03/14/2001	E314.0	PERCHLORATE	13.00		UG/L	96.00	106.00	1.50	X
MW-114	W114M1A	06/18/2001	E314.0	PERCHLORATE	10.00		UG/L	96.00	106.00	1.50	X
MW-114	W114M1A	12/21/2001	E314.0	PERCHLORATE	22.10		UG/L	96.00	106.00	1.50	X
MW-114	W114M1A	06/21/2002	E314.0	PERCHLORATE	12.00		UG/L	96.00	106.00	1.50	X
MW-125	W125M1A	02/20/2001	E314.0	PERCHLORATE	3.00	J	UG/L	182.00	192.00	1.50	X
MW-127	W127SSA	02/14/2001	E314.0	PERCHLORATE	4.00	J	UG/L	0.00	10.00	1.50	X
MW-128	W128SSA	02/14/2001	E314.0	PERCHLORATE	3.00	J	UG/L	0.00	10.00	1.50	X
MW-129	W129M2A	03/14/2001	E314.0	PERCHLORATE	6.00		UG/L	46.00	56.00	1.50	X
MW-129	W129M2A	06/20/2001	E314.0	PERCHLORATE	8.00		UG/L	46.00	56.00	1.50	X
MW-129	W129M2A	12/21/2001	E314.0	PERCHLORATE	6.93	J	UG/L	46.00	56.00	1.50	X
MW-129	W129M1A	01/02/2001	E314.0	PERCHLORATE	10.00		UG/L	66.00	76.00	1.50	X
MW-129	W129M1A	03/14/2001	E314.0	PERCHLORATE	9.00		UG/L	66.00	76.00	1.50	X
MW-129	W129M1A	06/19/2001	E314.0	PERCHLORATE	6.00		UG/L	66.00	76.00	1.50	X
MW-129	W129M1A	12/21/2001	E314.0	PERCHLORATE	5.92	J	UG/L	66.00	76.00	1.50	X
MW-129	W129M1A	04/12/2002	E314.0	PERCHLORATE	4.63		UG/L	66.00	76.00	1.50	X
MW-130	W130SSA	02/14/2001	E314.0	PERCHLORATE	3.00	J	UG/L	0.00	10.00	1.50	X
MW-130	W130SSA	06/14/2001	E314.0	PERCHLORATE	3.00	J	UG/L	0.00	10.00	1.50	X
MW-130	W130SSD	06/14/2001	E314.0	PERCHLORATE	3.00	J	UG/L	0.00	10.00	1.50	X
MW-130	W130SSA	12/13/2001	E314.0	PERCHLORATE	4.21		UG/L	0.00	10.00	1.50	X
MW-130	W130SSD	12/13/2001	E314.0	PERCHLORATE	4.10		UG/L	0.00	10.00	1.50	X
MW-132	W132SSA	11/09/2000	E314.0	PERCHLORATE	39.00	J	UG/L	0.00	10.00	1.50	X
MW-132	W132SSA	02/16/2001	E314.0	PERCHLORATE	65.00		UG/L	0.00	10.00	1.50	X
MW-132	W132SSA	06/15/2001	E314.0	PERCHLORATE	75.00		UG/L	0.00	10.00	1.50	X
MW-132	W132SSA	12/12/2001	E314.0	PERCHLORATE	27.40		UG/L	0.00	10.00	1.50	X
MW-132	W132SSA	06/28/2002	E314.0	PERCHLORATE	28.00		UG/L	0.00	10.00	1.50	X
MW-139	W139M2A	12/29/2000	E314.0	PERCHLORATE	8.00		UG/L	70.00	80.00	1.50	X
MW-139	W139M2A	03/15/2001	E314.0	PERCHLORATE	11.00	J	UG/L	70.00	80.00	1.50	X
MW-139	W139M2A	06/20/2001	E314.0	PERCHLORATE	3.00	J	UG/L	70.00	80.00	1.50	X
MW-139	W139M2A	04/17/2002	E314.0	PERCHLORATE	2.77		UG/L	70.00	80.00	1.50	X
MW-139	W139M1A	04/17/2002	E314.0	PERCHLORATE	1.86		UG/L	110.00	120.00	1.50	X
MW-158	W158SSA	06/12/2001	E314.0	PERCHLORATE	2.00	J	UG/L	2.00	12.00	1.50	X
MW-158	W158M2A	01/16/2002	E314.0	PERCHLORATE	1.61	J	UG/L	37.00	47.00	1.50	X
MW-162	W162M2A	01/18/2002	E314.0	PERCHLORATE	1.55	J	UG/L	49.29	59.29	1.50	X

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TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH SEPTEMBER 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-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-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-193	W193M1D	02/20/2002	E314.0	PERCHLORATE	7.30		UG/L	0.00	0.00	1.50	X
MW-193	W193M1A	02/20/2002	E314.0	PERCHLORATE	7.02		UG/L	23.80	28.80	1.50	X
MW-193	W193M1A	07/11/2002	E314.0	PERCHLORATE	3.00		UG/L	23.80	28.80	1.50	X
MW-197	W197M3A	02/12/2002	E314.0	PERCHLORATE	34.10		UG/L	39.40	44.40	1.50	X
MW-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-198	W198M4A	02/21/2002	E314.0	PERCHLORATE	311.00		UG/L	48.40	53.40	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-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-210	W210M2A	06/06/2002	E314.0	PERCHLORATE	12.00		UG/L	54.69	64.69	1.50	X

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LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-210	W210M2D	06/06/2002	E314.0	PERCHLORATE	11.00		UG/L	54.69	64.69	1.50	X
MW-211	W211M2A	06/06/2002	E314.0	PERCHLORATE	3.00		UG/L	29.70	39.70	1.50	X
MW-31	W31SSA	08/09/2000	E314.0	PERCHLORATE	40.00	J	UG/L	13.00	18.00	1.50	X
MW-31	W31SSA	12/08/2000	E314.0	PERCHLORATE	30.00		UG/L	13.00	18.00	1.50	X
MW-31	W31SSA	05/02/2001	E314.0	PERCHLORATE	20.00	J	UG/L	13.00	18.00	1.50	X
MW-31	W31SSA	08/24/2001	E314.0	PERCHLORATE	16.20		UG/L	13.00	18.00	1.50	X
MW-31	W31SSA	01/04/2002	E314.0	PERCHLORATE	12.50		UG/L	13.00	18.00	1.50	X
MW-31	W31SSA	05/29/2002	E314.0	PERCHLORATE	12.00		UG/L	13.00	18.00	1.50	X
MW-31	W31M1A	08/09/2000	E314.0	PERCHLORATE	50.00	J	UG/L	28.00	38.00	1.50	X
MW-31	W31MMA	05/23/2001	E314.0	PERCHLORATE	19.00		UG/L	28.00	38.00	1.50	X
MW-31	W31MMA	01/04/2002	E314.0	PERCHLORATE	1.66	J	UG/L	28.00	38.00	1.50	X
MW-31	W31MMA	04/22/2002	E314.0	PERCHLORATE	2.98	J	UG/L	28.00	38.00	1.50	X
MW-31	W31MMD	04/22/2002	E314.0	PERCHLORATE	3.04	J	UG/L	28.00	38.00	1.50	X
MW-32	W32MMA	04/22/2002	E314.0	PERCHLORATE	1.97		UG/L	65.00	75.00	1.50	X
MW-33	W33SSA	04/23/2002	E314.0	PERCHLORATE	1.72		UG/L	50.00	55.00	1.50	X
MW-33	W33MMA	04/23/2002	E314.0	PERCHLORATE	1.72		UG/L	65.00	75.00	1.50	X
MW-33	W33DDA	12/26/2001	E314.0	PERCHLORATE	1.54	J	UG/L	85.00	90.00	1.50	X
MW-33	W33DDA	04/23/2002	E314.0	PERCHLORATE	2.02		UG/L	85.00	90.00	1.50	X
MW-34	W34M2A	08/10/2000	E314.0	PERCHLORATE	60.00	J	UG/L	53.00	63.00	1.50	X
MW-34	W34M2A	12/18/2000	E314.0	PERCHLORATE	34.00		UG/L	53.00	63.00	1.50	X
MW-34	W34M2A	05/01/2001	E314.0	PERCHLORATE	28.00	J	UG/L	53.00	63.00	1.50	X
MW-34	W34M2A	07/30/2001	E314.0	PERCHLORATE	16.20		UG/L	53.00	63.00	1.50	X
MW-34	W34M2A	12/26/2001	E314.0	PERCHLORATE	5.85	J	UG/L	53.00	63.00	1.50	X
MW-34	W34M2A	04/24/2002	E314.0	PERCHLORATE	19.60		UG/L	53.00	63.00	1.50	X
MW-34	W34M1A	12/18/2000	E314.0	PERCHLORATE	109.00		UG/L	73.00	83.00	1.50	X
MW-34	W34M1A	05/05/2001	E314.0	PERCHLORATE	46.00		UG/L	73.00	83.00	1.50	X
MW-34	W34M1A	07/31/2001	E314.0	PERCHLORATE	30.80		UG/L	73.00	83.00	1.50	X
MW-34	W34M1D	07/31/2001	E314.0	PERCHLORATE	31.40		UG/L	73.00	83.00	1.50	X
MW-34	W34M1A	12/26/2001	E314.0	PERCHLORATE	17.70		UG/L	73.00	83.00	1.50	X
MW-34	W34M1A	04/24/2002	E314.0	PERCHLORATE	7.90		UG/L	73.00	83.00	1.50	X
MW-35	W35M1A	05/04/2001	E314.0	PERCHLORATE	4.00	J	UG/L	68.00	78.00	1.50	X
MW-35	W35M1A	08/03/2001	E314.0	PERCHLORATE	5.40		UG/L	68.00	78.00	1.50	X
MW-35	W35M1A	12/21/2001	E314.0	PERCHLORATE	6.34	J	UG/L	68.00	78.00	1.50	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-35	W35M1A	04/24/2002	E314.0	PERCHLORATE	6.44	J	UG/L	68.00	78.00	1.50	X
MW-36	W36M2A	01/08/2002	E314.0	PERCHLORATE	1.86	J	UG/L	54.00	64.00	1.50	X
MW-36	W36M2D	01/08/2002	E314.0	PERCHLORATE	2.16		UG/L	54.00	64.00	1.50	X
MW-36	W36M2A	04/24/2002	E314.0	PERCHLORATE	3.44		UG/L	54.00	64.00	1.50	X
MW-66	W66SSA	08/13/2001	E314.0	PERCHLORATE	1.90	J	UG/L	7.00	17.00	1.50	X
MW-66	W66SSA	09/21/2001	E314.0	PERCHLORATE	2.20	J	UG/L	7.00	17.00	1.50	X
MW-66	W66SSA	07/01/2002	E314.0	PERCHLORATE	2.00		UG/L	7.00	17.00	1.50	X
MW-73	W73SSD	12/19/2000	E314.0	PERCHLORATE	6.00		UG/L	0.00	10.00	1.50	X
MW-73	W73SSA	06/14/2001	E314.0	PERCHLORATE	10.00		UG/L	0.00	10.00	1.50	X
MW-73	W73SSA	01/11/2002	E314.0	PERCHLORATE	3.30		UG/L	0.00	10.00	1.50	X
MW-75	W75M2A	05/09/2001	E314.0	PERCHLORATE	9.00	J	UG/L	34.00	44.00	1.50	X
MW-75	W75M2D	05/09/2001	E314.0	PERCHLORATE	9.00	J	UG/L	34.00	44.00	1.50	X
MW-75	W75M2A	08/09/2001	E314.0	PERCHLORATE	6.24		UG/L	34.00	44.00	1.50	X
MW-75	W75M2A	01/07/2002	E314.0	PERCHLORATE	4.08		UG/L	34.00	44.00	1.50	X
MW-75	W75M2A	04/25/2002	E314.0	PERCHLORATE	4.89		UG/L	34.00	44.00	1.50	X
MW-76	W76SSA	12/07/2000	E314.0	PERCHLORATE	5.00		UG/L	18.00	28.00	1.50	X
MW-76	W76SSA	05/07/2001	E314.0	PERCHLORATE	7.00		UG/L	18.00	28.00	1.50	X
MW-76	W76SSA	08/10/2001	E314.0	PERCHLORATE	13.30		UG/L	18.00	28.00	1.50	X
MW-76	W76SSA	12/28/2001	E314.0	PERCHLORATE	41.20		UG/L	18.00	28.00	1.50	X
MW-76	W76SSA	04/24/2002	E314.0	PERCHLORATE	175.00		UG/L	18.00	28.00	1.50	X
MW-76	W76M2A	12/06/2000	E314.0	PERCHLORATE	11.00		UG/L	38.00	48.00	1.50	X
MW-76	W76M2A	05/07/2001	E314.0	PERCHLORATE	17.00		UG/L	38.00	48.00	1.50	X
MW-76	W76M2A	08/13/2001	E314.0	PERCHLORATE	22.10		UG/L	38.00	48.00	1.50	X
MW-76	W76M2D	08/13/2001	E314.0	PERCHLORATE	22.50		UG/L	38.00	48.00	1.50	X
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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-77	W77M2A	12/26/2001	E314.0	PERCHLORATE	12.30		UG/L	38.00	48.00	1.50	X
MW-77	W77M2A	04/24/2002	E314.0	PERCHLORATE	8.01		UG/L	38.00	48.00	1.50	X
MW-78	W78M2A	12/06/2000	E314.0	PERCHLORATE	19.00		UG/L	38.00	48.00	1.50	X
MW-78	W78M2A	05/10/2001	E314.0	PERCHLORATE	9.00	J	UG/L	38.00	48.00	1.50	X
MW-78	W78M2A	08/15/2001	E314.0	PERCHLORATE	11.40		UG/L	38.00	48.00	1.50	X
MW-78	W78M2A	12/28/2001	E314.0	PERCHLORATE	4.43		UG/L	38.00	48.00	1.50	X
MW-78	W78M2A	04/25/2002	E314.0	PERCHLORATE	4.75		UG/L	38.00	48.00	1.50	X
MW-78	W78M1A	04/25/2002	E314.0	PERCHLORATE	2.07		UG/L	58.00	68.00	1.50	X
MW-80	W80M1A	08/20/2001	E314.0	PERCHLORATE	1.70	J	UG/L	86.00	96.00	1.50	X
MW-80	W80M1A	10/10/2001	E314.0	PERCHLORATE	1.50	J	UG/L	86.00	96.00	1.50	X
MW-80	W80M1A	12/20/2001	E314.0	PERCHLORATE	1.63	J	UG/L	86.00	96.00	1.50	X
MW-80	W80M1A	04/04/2002	E314.0	PERCHLORATE	2.26	J	UG/L	86.00	96.00	1.50	X
MW-80	W80M1D	06/08/2002	E314.0	PERCHLORATE	1.57		UG/L	86.00	96.00	1.50	X
MW-80	W80M1A	07/15/2002	E314.0	PERCHLORATE	1.55		UG/L	86.00	96.00	1.50	X
MW-91	W91SSA	01/20/2001	E314.0	PERCHLORATE	5.00	J	UG/L	0.00	10.00	1.50	X
MW-91	W91SSA	10/09/2001	E314.0	PERCHLORATE	3.22	J	UG/L	0.00	10.00	1.50	X
MW-91	W91SSA	12/20/2001	E314.0	PERCHLORATE	3.83	J	UG/L	0.00	10.00	1.50	X
MW-91	W91SSA	05/20/2002	E314.0	PERCHLORATE	4.00		UG/L	0.00	10.00	1.50	X
MW-91	W91M1A	10/03/2001	E314.0	PERCHLORATE	1.50	J	UG/L	45.00	55.00	1.50	X
MW-91	W91M1A	11/29/2001	E314.0	PERCHLORATE	1.62	J	UG/L	45.00	55.00	1.50	X
MW-93	W93M2A	01/20/2001	E314.0	PERCHLORATE	2.00	J	UG/L	16.00	26.00	1.50	X
MW-93	W93M1A	01/20/2001	E314.0	PERCHLORATE	3.00	J	UG/L	56.00	66.00	1.50	X
MW-93	W93M1D	01/20/2001	E314.0	PERCHLORATE	2.00	J	UG/L	56.00	66.00	1.50	X
MW-93	W93M1A	10/03/2001	E314.0	PERCHLORATE	1.80	J	UG/L	56.00	66.00	1.50	X
MW-99	W99M1A	11/28/2001	E314.0	PERCHLORATE	1.51	J	UG/L	60.00	70.00	1.50	X
OW-1	WOW-1A	11/15/2001	E314.0	PERCHLORATE	2.92		UG/L	0.70	10.70	1.50	X
OW-1	WOW-1A	05/21/2002	E314.0	PERCHLORATE	2.07	J	UG/L	0.70	10.70	1.50	X
OW-1	WOW-1D	05/21/2002	E314.0	PERCHLORATE	2.15	J	UG/L	0.70	10.70	1.50	X
OW-2	WOW-2A	05/21/2002	E314.0	PERCHLORATE	1.67	J	UG/L	48.78	58.78	1.50	X
MW-16	W16SSA	11/17/1997	IM40	SODIUM	20,900.00		UG/L	0.00	10.00	20,000.00	X
MW-16	W16SSL	11/17/1997	IM40	SODIUM	20,400.00		UG/L	0.00	10.00	20,000.00	X
MW-2	W02DDA	11/19/1997	IM40	SODIUM	21,500.00		UG/L	218.00	223.00	20,000.00	X
MW-2	W02DDL	11/19/1997	IM40	SODIUM	22,600.00		UG/L	218.00	223.00	20,000.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-21	W21SSA	10/24/1997	IM40	SODIUM	24,000.00		UG/L	0.00	10.00	20,000.00	X
MW-21	W21SSL	10/24/1997	IM40	SODIUM	24,200.00		UG/L	0.00	10.00	20,000.00	X
MW-21	W21SSA	10/24/1997	IM40	THALLIUM	6.90	J	UG/L	0.00	10.00	2.00	X
95-15	W9515A	10/17/1997	IM40	ZINC	7,210.00		UG/L	80.00	92.00	2,000.00	X
95-15	W9515L	10/17/1997	IM40	ZINC	4,620.00		UG/L	80.00	92.00	2,000.00	X
LRMW0003	WL31XA	10/21/1997	IM40	ZINC	2,480.00		UG/L	102.00	117.00	2,000.00	X
LRMW0003	WL31XL	10/21/1997	IM40	ZINC	2,410.00		UG/L	102.00	117.00	2,000.00	X
LRWS4-1	WL41XA	11/24/1997	IM40	ZINC	3,220.00		UG/L	66.00	91.00	2,000.00	X
LRWS4-1	WL41XL	11/24/1997	IM40	ZINC	3,060.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51DL	11/25/1997	IM40	ZINC	4,410.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XA	11/25/1997	IM40	ZINC	4,510.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XD	11/25/1997	IM40	ZINC	4,390.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XL	11/25/1997	IM40	ZINC	3,900.00		UG/L	66.00	91.00	2,000.00	X
LRWS6-1	WL61XA	11/17/1997	IM40	ZINC	3,480.00		UG/L	184.00	199.00	2,000.00	X
LRWS6-1	WL61XL	11/17/1997	IM40	ZINC	2,600.00		UG/L	184.00	199.00	2,000.00	X
LRWS7-1	WL71XA	11/21/1997	IM40	ZINC	4,320.00		UG/L	186.00	201.00	2,000.00	X
LRWS7-1	WL71XL	11/21/1997	IM40	ZINC	3,750.00		UG/L	186.00	201.00	2,000.00	X
MW-1	W01SSA	09/07/1999	IM40MB	ANTIMONY	6.70	J	UG/L	0.00	10.00	6.00	X
MW-187	W187DDX	01/23/2002	IM40MB	ANTIMONY	6.00	J	UG/L	199.50	209.50	6.00	X
MW-3	W03DDL	03/06/1998	IM40MB	ANTIMONY	13.80	J	UG/L	219.00	224.00	6.00	X
MW-34	W34M2A	08/16/1999	IM40MB	ANTIMONY	6.60	J	UG/L	53.00	63.00	6.00	X
MW-35	W35SSA	08/19/1999	IM40MB	ANTIMONY	6.90	J	UG/L	0.00	10.00	6.00	X
MW-35	W35SSD	08/19/1999	IM40MB	ANTIMONY	13.80	J	UG/L	0.00	10.00	6.00	X
MW-36	W36SSA	08/17/1999	IM40MB	ANTIMONY	6.70	J	UG/L	0.00	10.00	6.00	X
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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
ASPWELL	ASPWELL	05/24/2001	IM40MB	LEAD	30.40		UG/L	0.00	0.00	15.00	X
MW-2	W02SSA	02/23/1998	IM40MB	LEAD	20.10		UG/L	0.00	10.00	15.00	X
MW-45	W45SSA	08/23/2001	IM40MB	LEAD	42.20		UG/L	0.00	10.00	15.00	X
MW-45	W45SSA	12/14/2001	IM40MB	LEAD	42.80		UG/L	0.00	10.00	15.00	X
MW-7	W07M1A	09/07/1999	IM40MB	LEAD	40.20		UG/L	135.00	140.00	15.00	X
MW-7	W07M1D	09/07/1999	IM40MB	LEAD	18.30		UG/L	135.00	140.00	15.00	X
MW-2	W02SSA	02/23/1998	IM40MB	MOLYBDENUM	72.10		UG/L	0.00	10.00	40.00	X
MW-2	W02SSL	02/23/1998	IM40MB	MOLYBDENUM	63.30		UG/L	0.00	10.00	40.00	X
MW-46	W46M2A	03/30/1999	IM40MB	MOLYBDENUM	48.90		UG/L	56.00	66.00	40.00	X
MW-46	W46M2L	03/30/1999	IM40MB	MOLYBDENUM	51.00		UG/L	56.00	66.00	40.00	X
MW-47	W47M3A	03/29/1999	IM40MB	MOLYBDENUM	43.10		UG/L	21.00	31.00	40.00	X
MW-47	W47M3L	03/29/1999	IM40MB	MOLYBDENUM	40.50		UG/L	21.00	31.00	40.00	X
MW-52	W52M3A	04/07/1999	IM40MB	MOLYBDENUM	72.60		UG/L	59.00	64.00	40.00	X
MW-52	W52M3L	04/07/1999	IM40MB	MOLYBDENUM	67.60		UG/L	59.00	64.00	40.00	X
MW-52	W52DDA	04/02/1999	IM40MB	MOLYBDENUM	51.10		UG/L	218.00	228.00	40.00	X
MW-52	W52DDL	04/02/1999	IM40MB	MOLYBDENUM	48.90		UG/L	218.00	228.00	40.00	X
MW-53	W53M1A	05/03/1999	IM40MB	MOLYBDENUM	122.00		UG/L	99.00	109.00	40.00	X
MW-53	W53M1L	05/03/1999	IM40MB	MOLYBDENUM	132.00		UG/L	99.00	109.00	40.00	X
MW-53	W53M1A	08/30/1999	IM40MB	MOLYBDENUM	55.20		UG/L	99.00	109.00	40.00	X
MW-53	W53M1L	08/30/1999	IM40MB	MOLYBDENUM	54.10		UG/L	99.00	109.00	40.00	X
MW-53	W53M1A	11/05/1999	IM40MB	MOLYBDENUM	41.20		UG/L	99.00	109.00	40.00	X
MW-54	W54SSA	04/30/1999	IM40MB	MOLYBDENUM	56.70		UG/L	0.00	10.00	40.00	X
MW-54	W54SSL	04/30/1999	IM40MB	MOLYBDENUM	66.20		UG/L	0.00	10.00	40.00	X
MW-54	W54SSA	08/27/1999	IM40MB	MOLYBDENUM	61.40		UG/L	0.00	10.00	40.00	X
MW-54	W54M2A	08/27/1999	IM40MB	MOLYBDENUM	43.70		UG/L	59.00	69.00	40.00	X
MW-54	W54M2L	08/27/1999	IM40MB	MOLYBDENUM	43.20		UG/L	59.00	69.00	40.00	X
15MW0002	15MW0002	04/08/1999	IM40MB	SODIUM	37,600.00		UG/L	0.00	10.00	20,000.00	X
90WT0010	90WT0010	06/05/2000	IM40MB	SODIUM	23,600.00		UG/L	2.00	12.00	20,000.00	X
90WT0010	90WT0010-L	06/05/2000	IM40MB	SODIUM	24,200.00		UG/L	2.00	12.00	20,000.00	X
90WT0015	90WT0015	04/23/1999	IM40MB	SODIUM	34,300.00		UG/L	0.00	10.00	20,000.00	X
ASPWELL	ASPWELL	09/27/2001	IM40MB	SODIUM	22,600.00		UG/L			20,000.00	X
ASPWELL	ASPWELL	12/19/2001	IM40MB	SODIUM	28,500.00		UG/L			20,000.00	X
ASPWELL	ASPWELL	05/24/2001	IM40MB	SODIUM	24,900.00		UG/L	0.00	0.00	20,000.00	X

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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 SEPTEMBER 2002

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

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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 SEPTEMBER 2002

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

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LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-47	W47M3A	05/31/2000	IM40MB	THALLIUM	5.00	J	UG/L	21.00	31.00	2.00	X
MW-47	W47M2A	03/26/1999	IM40MB	THALLIUM	3.20	J	UG/L	38.00	48.00	2.00	X
MW-47	W47M2A	08/25/1999	IM40MB	THALLIUM	4.00	J	UG/L	38.00	48.00	2.00	X
MW-47	W47M2A	05/30/2000	IM40MB	THALLIUM	4.50	J	UG/L	38.00	48.00	2.00	X
MW-47	W47M1A	08/24/1999	IM40MB	THALLIUM	2.60	J	UG/L	75.00	85.00	2.00	X
MW-48	W48M3A	02/28/2000	IM40MB	THALLIUM	4.20	J	UG/L	31.00	41.00	2.00	X
MW-48	W48DAA	06/26/2000	IM40MB	THALLIUM	4.70	J	UG/L	121.00	131.00	2.00	X
MW-49	W49SSA	11/19/1999	IM40MB	THALLIUM	4.70	J	UG/L	0.00	10.00	2.00	X
MW-49	W49M3D	06/27/2000	IM40MB	THALLIUM	4.30	J	UG/L	31.00	41.00	2.00	X
MW-50	W50M1A	05/15/2000	IM40MB	THALLIUM	6.20	J	UG/L	89.00	99.00	2.00	X
MW-51	W51M3A	08/25/1999	IM40MB	THALLIUM	4.30	J	UG/L	28.00	38.00	2.00	X
MW-52	W52SSA	08/26/1999	IM40MB	THALLIUM	3.60	J	UG/L	0.00	10.00	2.00	X
MW-52	W52SSA	11/18/1999	IM40MB	THALLIUM	4.30	J	UG/L	0.00	10.00	2.00	X
MW-52	W52SSA	05/23/2000	IM40MB	THALLIUM	4.70	J	UG/L	0.00	10.00	2.00	X
MW-52	W52M3L	04/07/1999	IM40MB	THALLIUM	3.60	J	UG/L	59.00	64.00	2.00	X
MW-52	W52DDA	04/02/1999	IM40MB	THALLIUM	2.80	J	UG/L	218.00	228.00	2.00	X
MW-52	W52DDL	04/02/1999	IM40MB	THALLIUM	2.60	J	UG/L	218.00	228.00	2.00	X
MW-52	W52DDA	08/30/1999	IM40MB	THALLIUM	3.80	J	UG/L	218.00	228.00	2.00	X
MW-53	W53M1A	11/05/1999	IM40MB	THALLIUM	3.40	J	UG/L	99.00	109.00	2.00	X
MW-54	W54SSA	11/08/1999	IM40MB	THALLIUM	7.40	J	UG/L	0.00	10.00	2.00	X
MW-54	W54SSA	06/06/2000	IM40MB	THALLIUM	4.60	J	UG/L	0.00	10.00	2.00	X
MW-54	W54SSA	11/15/2000	IM40MB	THALLIUM	3.10	J	UG/L	0.00	10.00	2.00	X
MW-54	W54M1A	08/30/1999	IM40MB	THALLIUM	2.80	J	UG/L	79.00	89.00	2.00	X
MW-54	W54M1A	11/05/1999	IM40MB	THALLIUM	3.90	J	UG/L	79.00	89.00	2.00	X
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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-7	W07M2L	02/05/1998	IM40MB	THALLIUM	6.60	J	UG/L	65.00	70.00	2.00	X
MW-7	W07M2A	02/24/1999	IM40MB	THALLIUM	4.40	J	UG/L	65.00	70.00	2.00	X
MW-7	W07MMA	02/23/1999	IM40MB	THALLIUM	4.10	J	UG/L	135.00	140.00	2.00	X
MW-7	W07M1A	09/07/1999	IM40MB	THALLIUM	26.20		UG/L	135.00	140.00	2.00	X
MW-7	W07M1D	09/07/1999	IM40MB	THALLIUM	12.70		UG/L	135.00	140.00	2.00	X
MW-72	W72SSA	05/27/1999	IM40MB	THALLIUM	4.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	12/19/2000	IM40MB	THALLIUM	4.30		UG/L	0.00	10.00	2.00	X
MW-73	W73SSD	12/19/2000	IM40MB	THALLIUM	2.00	J	UG/L	0.00	10.00	2.00	X
MW-83	W83SSA	01/13/2000	IM40MB	THALLIUM	3.60	J	UG/L	0.00	10.00	2.00	X
MW-84	W84SSA	10/21/1999	IM40MB	THALLIUM	3.20	J	UG/L	17.00	27.00	2.00	X
MW-84	W84M3A	08/27/2001	IM40MB	THALLIUM	5.00	J	UG/L	42.00	52.00	2.00	X
MW-84	W84DDA	08/23/2001	IM40MB	THALLIUM	4.00	J	UG/L	153.00	163.00	2.00	X
MW-94	W94M2A	01/11/2001	IM40MB	THALLIUM	2.00	J	UG/L	16.00	26.00	2.00	X
MW-94	W94M2A	10/02/2001	IM40MB	THALLIUM	2.30	J	UG/L	16.00	26.00	2.00	X
PPAWSMW-1	PPAWSMW-1	06/22/1999	IM40MB	THALLIUM	3.10	J	UG/L	10.00	20.00	2.00	X
SMR-2	WSMR2A	03/25/1999	IM40MB	THALLIUM	2.00	J	UG/L	19.00	29.00	2.00	X
95-14	W9514A	09/28/1999	IM40MB	ZINC	2,430.00		UG/L	90.00	120.00	2,000.00	X
LRWS5-1	WL51XA	01/25/1999	IM40MB	ZINC	3,980.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XL	01/25/1999	IM40MB	ZINC	3,770.00		UG/L	66.00	91.00	2,000.00	X
LRWS6-1	WL61XA	01/28/1999	IM40MB	ZINC	2,240.00		UG/L	184.00	199.00	2,000.00	X
LRWS6-1	WL61XL	01/28/1999	IM40MB	ZINC	2,200.00		UG/L	184.00	199.00	2,000.00	X
LRWS7-1	WL71XA	01/22/1999	IM40MB	ZINC	4,160.00		UG/L	186.00	201.00	2,000.00	X
LRWS7-1	WL71XL	01/22/1999	IM40MB	ZINC	4,100.00		UG/L	186.00	201.00	2,000.00	X
ASPWELL	ASPWELL	12/12/2000	IM40PB	LEAD	20.90		UG/L	0.00	0.00	15.00	X
MW-41	W41M1A	08/19/1999	OC21B	2,6-DINITROTOLUENE	5.00	J	UG/L	108.00	118.00	5.00	X
03MW0122A	WS122A	09/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	12.00		UG/L	1.00	11.00	6.00	X
11MW0003	WF143A	02/25/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	9.00		UG/L	0.00	0.00	6.00	X
11MW0003	WF143A	09/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	24.00		UG/L	0.00	0.00	6.00	X
15MW0004	15MW0004	04/09/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	6.00		UG/L	0.00	10.00	6.00	X
15MW0008	15MW0008D	04/12/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	25.00	J	UG/L	0.00	0.00	6.00	X
28MW0106	WL28XA	02/19/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	18.00	J	UG/L	0.00	10.00	6.00	X
28MW0106	WL28XA	03/23/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	26.00		UG/L	0.00	10.00	6.00	X
58MW0002	WC2XXA	02/26/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	36.00		UG/L	4.00	9.00	6.00	X

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

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

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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 SEPTEMBER 2002

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

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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 SEPTEMBER 2002

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-53	W53DDA	02/18/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	18.00		UG/L	158.00	168.00	6.00	X
MW-55	W55DDA	05/13/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	8.00		UG/L	119.00	129.00	6.00	X
MW-57	W57SSA	12/21/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	3,300.00	J	UG/L	0.00	10.00	6.00	X
MW-57	W57M2A	06/30/2000	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	7.00		UG/L	62.00	72.00	6.00	X
MW-57	W57DDA	12/13/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	95.00		UG/L	127.00	137.00	6.00	X
MW-7	W07SSA	10/31/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	10.00		UG/L	0.00	10.00	6.00	X
MW-70	W70M1A	10/27/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	10.00		UG/L	129.00	139.00	6.00	X
MW-84	W84DDA	03/03/2000	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	30.00		UG/L	153.00	163.00	6.00	X
RW-1	WRW1XA	02/18/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	59.00		UG/L	0.00	9.00	6.00	X
RW-1	WRW1XD	10/06/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	11.00	J	UG/L	0.00	9.00	6.00	X
90MW0003	WF03MA	10/07/1999	OC21V	1,2-DICHLOROETHANE	5.00		UG/L	52.11	57.11	5.00	X
MW-187	W187DDA	01/23/2002	OC21V	BENZENE	1,000.00		UG/L	199.50	209.50	5.00	X
MW-187	W187DDA	02/11/2002	OC21V	BENZENE	1,300.00		UG/L	199.50	209.50	5.00	X
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	10.00	20.00	0.50	X
27MW0705	27MW0705	01/08/2002	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	7.50	J	UG/L	0.00	0.00	6.00	X
27MW2061	27MW2061	01/09/2002	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	12.00	J	UG/L	0.00	2.30	6.00	X
MW-142	W142M2A	01/29/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	11.00		UG/L	100.00	110.00	6.00	X
MW-142	W142M1A	01/29/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	20.00		UG/L	185.00	195.00	6.00	X
MW-146	W146M1A	02/23/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	8.40		UG/L	75.00	80.00	6.00	X
MW-146	W146M1A	06/19/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	8.20		UG/L	75.00	80.00	6.00	X
MW-157	W157DDA	05/03/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	8.10		UG/L	199.00	209.00	6.00	X
MW-158	W158M2A	10/15/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	34.00	J	UG/L	37.00	47.00	6.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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 8/24/02 - 09/29/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
4036000-04G	4036000-04G	09/04/2002	GROUNDWATER					E314.0	PERCHLORATE	
4036000-06G	4036000-06G	08/28/2002	GROUNDWATER					E314.0	PERCHLORATE	
58MW0001-A	58MW0001	09/13/2002	GROUNDWATER	121.80	126.80	0.91	5.91	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
58MW0001-A	58MW0001	09/13/2002	GROUNDWATER	121.80	126.80	0.91	5.91	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
58MW0002-A	58MW0002	09/11/2002	GROUNDWATER	121.20	126.20	0.17	5.17	8330NX	2,4-DINITROTOLUENE	YES
58MW0002-A	58MW0002	09/11/2002	GROUNDWATER	121.20	126.20	0.17	5.17	8330NX	2-AMINO-4,6-DINITROTOLUENE	YES
58MW0002-A	58MW0002	09/11/2002	GROUNDWATER	121.20	126.20	0.17	5.17	8330NX	4-AMINO-2,6-DINITROTOLUENE	YES
58MW0002-A	58MW0002	09/11/2002	GROUNDWATER	121.20	126.20	0.17	5.17	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
58MW0002-A	58MW0002	09/11/2002	GROUNDWATER	121.20	126.20	0.17	5.17	8330NX	HEXAHYDRO-1-MONONITROSO-	YES
58MW0002-A	58MW0002	09/11/2002	GROUNDWATER	121.20	126.20	0.17	5.17	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
58MW0007B-A	58MW0007B	08/26/2002	GROUNDWATER	187.00	193.00	45.73	51.73	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
58MW0007B-D	58MW0007B	08/26/2002	GROUNDWATER	187.00	193.00	45.73	51.73	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
58MW0009E-A	58MW0009E	08/26/2002	GROUNDWATER	133.00	138.00	3.01	8.01	8330NX	2-AMINO-4,6-DINITROTOLUENE	YES
58MW0009E-A	58MW0009E	08/26/2002	GROUNDWATER	133.00	138.00	3.01	8.01	8330NX	4-AMINO-2,6-DINITROTOLUENE	YES
58MW0009E-A	58MW0009E	08/26/2002	GROUNDWATER	133.00	138.00	3.01	8.01	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
58MW0009E-A	58MW0009E	08/26/2002	GROUNDWATER	133.00	138.00	3.01	8.01	8330NX	HEXAHYDRO-1-MONONITROSO-	YES
58MW0009E-A	58MW0009E	08/26/2002	GROUNDWATER	133.00	138.00	3.01	8.01	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
58MW0011D-A	58MW0011D	08/27/2002	GROUNDWATER	175.40	180.40	78.18	83.18	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
58MW0015B-A	58MW0015B	08/27/2002	GROUNDWATER	130.96	140.22	6.26	15.52	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
58MW0018A-A	58MW0018A	09/12/2002	GROUNDWATER	202.70	211.70	57.13	66.13	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
58MW0018B-A	58MW0018B	09/12/2002	GROUNDWATER	175.90	185.58	30.62	40.30	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
58MW0020B-A	58MW0020B	09/03/2002	GROUNDWATER					8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
90MP0059B-A	90MP0059B	09/19/2002	GROUNDWATER	116.39	118.89			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
90MP0059C-A	90MP0059C	09/19/2002	GROUNDWATER	91.89	94.39			8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
90MW0003-A	90MW0003	09/09/2002	GROUNDWATER	144.00	149.00	49.10	54.10	8330N	NITROGLYCERIN	NO
90MW0005-A	90MW0005	09/13/2002	GROUNDWATER	184.00	189.00	89.03	94.03	8330N	3-NITROTOLUENE	NO
90MW0005-D	90MW0005	09/13/2002	GROUNDWATER	184.00	189.00	89.03	94.03	8330N	3-NITROTOLUENE	NO
90MW0019-A	90MW0019	09/19/2002	GROUNDWATER	161.00	166.00	68.85	73.85	8330N	2,4-DINITROTOLUENE	NO
90MW0019-A	90MW0019	09/19/2002	GROUNDWATER	161.00	166.00	68.85	73.85	8330N	2,6-DINITROTOLUENE	YES*
90MW0019-A	90MW0019	09/19/2002	GROUNDWATER	161.00	166.00	68.85	73.85	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
90MW0019-A	90MW0019	09/19/2002	GROUNDWATER	161.00	166.00	68.85	73.85	8330N	NITROGLYCERIN	NO
90MW0019-A	90MW0019	09/19/2002	GROUNDWATER	161.00	166.00	68.85	73.85	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
90MW0022-A	90MW0022	08/30/2002	GROUNDWATER	112.00	117.00	69.17	74.17	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
90MW0054-A	90MW0054	09/12/2002	GROUNDWATER	107.00	112.00	88.12	93.12	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
90WT0003-A	90WT0003	09/10/2002	GROUNDWATER	87.50	97.50	0.00	0.00	8330N	PICRIC ACID	NO
90WT0004-A	90WT0004	09/11/2002	GROUNDWATER	35.00	45.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
90WT0004-D	90WT0004	09/11/2002	GROUNDWATER	35.00	45.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
90WT0019-A	90WT0019	09/13/2002	GROUNDWATER					8330NX	1,3,5-TRINITROBENZENE	NO
90WT0019-A	90WT0019	09/13/2002	GROUNDWATER					8330NX	1,3-DINITROBENZENE	NO
90WT0019-A	90WT0019	09/13/2002	GROUNDWATER					8330NX	2,4,6-TRINITROTOLUENE	NO
90WT0019-A	90WT0019	09/13/2002	GROUNDWATER					8330NX	2,6-DINITROTOLUENE	YES*
90WT0019-A	90WT0019	09/13/2002	GROUNDWATER					8330NX	2-AMINO-4,6-DINITROTOLUENE	NO
90WT0019-A	90WT0019	09/13/2002	GROUNDWATER					8330NX	2-NITROTOLUENE	NO
90WT0019-A	90WT0019	09/13/2002	GROUNDWATER					8330NX	3-NITROTOLUENE	NO
90WT0019-A	90WT0019	09/13/2002	GROUNDWATER					8330NX	4-AMINO-2,6-DINITROTOLUENE	NO
90WT0019-A	90WT0019	09/13/2002	GROUNDWATER					8330NX	PICRIC ACID	NO
90WT0019-A	90WT0019	09/13/2002	GROUNDWATER					8330NX	TETRYL	NO
90WT0019-D	90WT0019	09/13/2002	GROUNDWATER					8330NX	1,3,5-TRINITROBENZENE	NO
90WT0019-D	90WT0019	09/13/2002	GROUNDWATER					8330NX	1,3-DINITROBENZENE	NO
90WT0019-D	90WT0019	09/13/2002	GROUNDWATER					8330NX	2,4,6-TRINITROTOLUENE	NO
90WT0019-D	90WT0019	09/13/2002	GROUNDWATER					8330NX	2,6-DINITROTOLUENE	YES*
90WT0019-D	90WT0019	09/13/2002	GROUNDWATER					8330NX	2-AMINO-4,6-DINITROTOLUENE	NO
90WT0019-D	90WT0019	09/13/2002	GROUNDWATER					8330NX	2-NITROTOLUENE	NO
90WT0019-D	90WT0019	09/13/2002	GROUNDWATER					8330NX	3-NITROTOLUENE	NO
90WT0019-D	90WT0019	09/13/2002	GROUNDWATER					8330NX	4-AMINO-2,6-DINITROTOLUENE	NO
90WT0019-D	90WT0019	09/13/2002	GROUNDWATER					8330NX	PICRIC ACID	NO
90WT0019-D	90WT0019	09/13/2002	GROUNDWATER					8330NX	TETRYL	NO
OW-1-A	OW-1	09/04/2002	GROUNDWATER	126.00	136.00	0.00	10.00	8330NX	2-AMINO-4,6-DINITROTOLUENE	YES
OW-1-A	OW-1	09/04/2002	GROUNDWATER	126.00	136.00	0.00	10.00	8330NX	4-AMINO-2,6-DINITROTOLUENE	YES
OW-1-A	OW-1	09/04/2002	GROUNDWATER	126.00	136.00	0.00	10.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
OW-1-A	OW-1	09/04/2002	GROUNDWATER	126.00	136.00	0.00	10.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
OW-2-A	OW-2	08/30/2002	GROUNDWATER	175.00	185.00	46.60	56.60	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
OW-2-A	OW-2	08/30/2002	GROUNDWATER	175.00	185.00	46.60	56.60	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
OW-2-A	OW-2	08/30/2002	GROUNDWATER	175.00	185.00	46.60	56.60	E314.0	PERCHLORATE	

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OW-6-A	OW-6	08/30/2002	GROUNDWATER	175.00	185.00	43.76	53.76	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
OW-6-A	OW-6	08/30/2002	GROUNDWATER	175.00	185.00	43.76	53.76	E314.0	PERCHLORATE	
OW-6-D	OW-6	08/30/2002	GROUNDWATER	175.00	185.00	43.76	53.76	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
OW-6-D	OW-6	08/30/2002	GROUNDWATER	175.00	185.00	43.76	53.76	E314.0	PERCHLORATE	
TW00-4DA-A	00-4D	08/29/2002	GROUNDWATER		75.00		45.60	E314.0	PERCHLORATE	
TW01-1-A	01-1	09/25/2002	GROUNDWATER	62.00	67.00	53.88	58.88	E314.0	PERCHLORATE	
TW01-2-A	01-2	08/23/2002	GROUNDWATER					E314.0	PERCHLORATE	
TW1-88A-A	1-88	09/17/2002	GROUNDWATER					E314.0	PERCHLORATE	
W02-01M1A	02-01	08/24/2002	GROUNDWATER	95.00	105.00	42.90	52.90	E314.0	PERCHLORATE	
W02-01M1A	02-01	09/23/2002	GROUNDWATER	95.00	105.00	42.90	52.90	E314.0	PERCHLORATE	
W02-01M2A	02-01	09/23/2002	GROUNDWATER	83.00	93.00	30.90	40.90	E314.0	PERCHLORATE	
W02-02M1A	02-02	09/07/2002	GROUNDWATER	114.50	124.50	63.50	73.50	E314.0	PERCHLORATE	
W02-02M2A	02-02	09/07/2002	GROUNDWATER	94.50	104.50	42.65	52.65	E314.0	PERCHLORATE	
W02-02SSA	02-02	09/07/2002	GROUNDWATER	49.50	59.50	0.00	10.00	E314.0	PERCHLORATE	
W02-03M1A	02-03	08/24/2002	GROUNDWATER	130.00	140.00	86.10	96.10	E314.0	PERCHLORATE	
W02-03M2A	02-03	08/24/2002	GROUNDWATER	92.00	102.00	48.15	58.15	E314.0	PERCHLORATE	
W02-05M1A	02-05	09/23/2002	GROUNDWATER	110.00	120.00	81.44	91.44	E314.0	PERCHLORATE	
W02-05M2A	02-05	08/24/2002	GROUNDWATER	92.00	102.00	63.41	73.41	E314.0	PERCHLORATE	
W02-05M2A	02-05	09/23/2002	GROUNDWATER	92.00	102.00	63.41	73.41	E314.0	PERCHLORATE	
W02-05M3A	02-05	09/23/2002	GROUNDWATER	70.00	80.00	41.37	51.37	E314.0	PERCHLORATE	
W02-07M3D	02-07	08/29/2002	GROUNDWATER	47.00	57.00	13.00	23.00	E314.0	PERCHLORATE	
W02-08M2A	02-08	08/28/2002	GROUNDWATER	82.00	87.00	60.65	65.65	E314.0	PERCHLORATE	
W02-08M3A	02-08	08/27/2002	GROUNDWATER	62.00	67.00	40.58	45.58	E314.0	PERCHLORATE	
W02-09M1A	02-09	08/29/2002	GROUNDWATER	74.00	84.00	65.26	75.26	E314.0	PERCHLORATE	
W02-09M1A	02-09	08/29/2002	GROUNDWATER	74.00	84.00	65.26	75.26	OC21V	CHLOROFORM	
W02-09M2A	02-09	08/29/2002	GROUNDWATER	59.00	69.00	50.30	60.30	E314.0	PERCHLORATE	
W02-09M2A	02-09	08/29/2002	GROUNDWATER	59.00	69.00	50.30	60.30	OC21V	CHLOROFORM	
W02-09SSA	02-09	08/29/2002	GROUNDWATER	7.00	17.00	0.00	10.00	OC21V	CHLOROFORM	
W02-10M1A	02-10	08/29/2002	GROUNDWATER	135.00	145.00	94.00	104.00	OC21V	CHLOROFORM	
W02-10M3A	02-10	08/30/2002	GROUNDWATER	85.00	95.00	43.65	53.65	OC21V	CHLOROFORM	
W02-12M2A	02-12	08/29/2002	GROUNDWATER	94.00	104.00	43.21	53.21	E314.0	PERCHLORATE	
W02-12M3A	02-12	09/11/2002	GROUNDWATER	79.00	89.00	28.22	38.22	E314.0	PERCHLORATE	

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W02-12M3A	02-12	09/17/2002	GROUNDWATER	79.00	89.00	28.22	38.22	E314.0	PERCHLORATE	
W02-13M1A	02-13	09/11/2002	GROUNDWATER	98.00	108.00	58.33	68.33	E314.0	PERCHLORATE	
W02-13M1A	02-13	09/17/2002	GROUNDWATER	98.00	108.00	58.33	68.33	E314.0	PERCHLORATE	
W02-13M1A	02-13	09/24/2002	GROUNDWATER	98.00	108.00	58.33	68.33	E314.0	PERCHLORATE	
W02-13M2A	02-13	08/28/2002	GROUNDWATER	83.00	93.00	44.20	54.20	E314.0	PERCHLORATE	
W02-13M2A	02-13	09/04/2002	GROUNDWATER	83.00	93.00	44.20	54.20	E314.0	PERCHLORATE	
W02-13M2A	02-13	09/11/2002	GROUNDWATER	83.00	93.00	44.20	54.20	E314.0	PERCHLORATE	
W02-13M2A	02-13	09/17/2002	GROUNDWATER	83.00	93.00	44.20	54.20	E314.0	PERCHLORATE	
W02-13M2A	02-13	09/24/2002	GROUNDWATER	83.00	93.00	44.20	54.20	E314.0	PERCHLORATE	
W02-13M2D	02-13	09/11/2002	GROUNDWATER	83.00	93.00	44.20	54.20	E314.0	PERCHLORATE	
W02-13M3A	02-13	08/28/2002	GROUNDWATER	68.00	78.00	28.30	38.30	E314.0	PERCHLORATE	
W02-13M3A	02-13	09/04/2002	GROUNDWATER	68.00	78.00	28.30	38.30	E314.0	PERCHLORATE	
W02-13M3A	02-13	09/17/2002	GROUNDWATER	68.00	78.00	28.30	38.30	E314.0	PERCHLORATE	
W02-13M3A	02-13	09/24/2002	GROUNDWATER	68.00	78.00	28.30	38.30	E314.0	PERCHLORATE	
W02-13M3D	02-13	09/17/2002	GROUNDWATER	68.00	78.00	28.30	38.30	E314.0	PERCHLORATE	
W02-15M1A	02-15	09/07/2002	GROUNDWATER	125.00	135.00	75.63	85.63	OC21V	CHLOROFORM	
W02-15M2A	02-15	09/09/2002	GROUNDWATER	101.00	111.00	51.50	61.50	OC21V	CHLOROFORM	
W02-15M3A	02-15	09/09/2002	GROUNDWATER	81.00	91.00	31.40	41.40	OC21V	CHLOROFORM	
W02DDA	MW-2	09/16/2002	GROUNDWATER	355.00	360.00	218.00	223.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
W02M2A	MW-2	09/16/2002	GROUNDWATER	170.00	175.00	33.00	38.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W100M1A	MW-100	09/10/2002	GROUNDWATER	179.00	189.00	45.00	55.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W100M1A	MW-100	09/10/2002	GROUNDWATER	179.00	189.00	45.00	55.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W101M1A	MW-101	09/19/2002	GROUNDWATER	158.00	168.00	27.00	37.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W105M1A	MW-105	09/19/2002	GROUNDWATER	205.00	215.00	78.00	88.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W105M1A	MW-105	09/19/2002	GROUNDWATER	205.00	215.00	78.00	88.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W105M2A	MW-105	09/19/2002	GROUNDWATER	165.00	175.00	38.00	48.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W107M1A	MW-107	09/12/2002	GROUNDWATER	155.00	165.00	35.00	45.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W107M2A	MW-107	09/12/2002	GROUNDWATER	125.00	135.00	5.00	15.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W107M2A	MW-107	09/12/2002	GROUNDWATER	125.00	135.00	5.00	15.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W108M4A	MW-108	09/13/2002	GROUNDWATER	240.00	250.00	76.00	86.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W108M4A	MW-108	09/13/2002	GROUNDWATER	240.00	250.00	76.00	86.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W111M2A	MW-111	09/18/2002	GROUNDWATER	224.00	234.00	50.00	60.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES

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W111M3A	MW-111	09/18/2002	GROUNDWATER	165.00	175.00	33.00	43.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W112M1A	MW-112	09/18/2002	GROUNDWATER	195.00	205.00	56.00	66.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W112M1D	MW-112	09/18/2002	GROUNDWATER	195.00	205.00	56.00	66.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W112M2A	MW-112	09/18/2002	GROUNDWATER	165.00	175.00	26.00	36.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W113M1A	MW-113	09/17/2002	GROUNDWATER	240.00	250.00	98.00	108.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W113M2A	MW-113	09/17/2002	GROUNDWATER	190.00	200.00	48.00	58.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W113M2A	MW-113	09/17/2002	GROUNDWATER	190.00	200.00	48.00	58.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W130SSA	MW-130	08/27/2002	GROUNDWATER	103.00	113.00	0.00	10.00	8330NX	4-AMINO-2,6-DINITROTOLUENE	YES
W130SSA	MW-130	08/27/2002	GROUNDWATER	103.00	113.00	0.00	10.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W130SSA	MW-130	08/27/2002	GROUNDWATER	103.00	113.00	0.00	10.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W136SSA	MW-136	09/13/2002	GROUNDWATER	107.00	117.00	0.00	10.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W136SSA	MW-136	09/13/2002	GROUNDWATER	107.00	117.00	0.00	10.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W142M2A	MW-142	09/03/2002	GROUNDWATER	140.00	150.00	100.00	110.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W142M2D	MW-142	09/03/2002	GROUNDWATER	140.00	150.00	100.00	110.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W143M1A	MW-143	09/03/2002	GROUNDWATER	144.00	154.00	114.00	124.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W143M1A	MW-143	09/03/2002	GROUNDWATER	144.00	154.00	114.00	124.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W143M2A	MW-143	09/03/2002	GROUNDWATER	117.00	122.00	87.00	92.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W143M2A	MW-143	09/03/2002	GROUNDWATER	117.00	122.00	87.00	92.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W143M3A	MW-143	09/06/2002	GROUNDWATER	107.00	112.00	77.00	82.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W144SSA	MW-144	09/06/2002	GROUNDWATER	26.00	36.00	5.00	15.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W147M1A	MW-147	09/05/2002	GROUNDWATER	166.00	176.00	94.00	104.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W147M1A	MW-147	09/05/2002	GROUNDWATER	166.00	176.00	94.00	104.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W147M2A	MW-147	09/05/2002	GROUNDWATER	150.00	160.00	70.87	80.87	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W147M2A	MW-147	09/05/2002	GROUNDWATER	150.00	160.00	70.87	80.87	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W164M2A	MW-164	09/05/2002	GROUNDWATER	157.00	167.00	119.00	129.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W164M2A	MW-164	09/05/2002	GROUNDWATER	157.00	167.00	119.00	129.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W164M2D	MW-164	09/05/2002	GROUNDWATER	157.00	167.00	119.00	129.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W164M2D	MW-164	09/05/2002	GROUNDWATER	157.00	167.00	119.00	129.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W166M1A	MW-166	09/10/2002	GROUNDWATER	218.00	223.00	112.00	117.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W168M3A	MW-168	09/13/2002	GROUNDWATER	103.00	113.00	21.00	31.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
W169M2A	MW-169	09/19/2002	GROUNDWATER	113.50	118.50			8330N	NITROGLYCERIN	NO
W184M1A	MW-184	09/18/2002	GROUNDWATER	186.00	196.00	58.20	68.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W184M1A	MW-184	09/18/2002	GROUNDWATER	186.00	196.00	58.20	68.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W184M1D	MW-184	09/18/2002	GROUNDWATER	186.00	196.00	58.20	68.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W184M1D	MW-184	09/18/2002	GROUNDWATER	186.00	196.00	58.20	68.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W213M1A	MW-213	09/09/2002	GROUNDWATER	133.00	143.00	85.01	95.01	OC21V	CHLOROFORM	
W213M2A	MW-213	09/09/2002	GROUNDWATER	89.00	99.00	40.53	50.53	E314.0	PERCHLORATE	
W213M2A	MW-213	09/09/2002	GROUNDWATER	89.00	99.00	40.53	50.53	OC21V	CHLOROFORM	
W213M3A	MW-213	09/09/2002	GROUNDWATER	77.00	82.00	28.70	38.70	E314.0	PERCHLORATE	
W213M3A	MW-213	09/09/2002	GROUNDWATER	77.00	82.00	28.70	38.70	OC21V	CHLOROFORM	
W219M1A	MW-219	09/24/2002	GROUNDWATER	357.00	367.00	178.00	188.00	OC21V	CHLOROFORM	
W219M1D	MW-219	09/24/2002	GROUNDWATER	357.00	367.00	178.00	188.00	OC21V	CHLOROFORM	
W219M2A	MW-219	09/23/2002	GROUNDWATER	332.00	342.00	153.05	163.05	OC21V	CHLOROFORM	
W219M3A	MW-219	09/23/2002	GROUNDWATER	315.00	325.00	135.80	145.80	OC21V	CHLOROFORM	
W219M4A	MW-219	09/23/2002	GROUNDWATER	225.00	235.00	45.70	55.70	OC21V	CHLOROFORM	
W226M1A	MW-226	09/07/2002	GROUNDWATER	285.00	295.00	0.00	7.73	OC21V	CHLOROFORM	
W226M2A	MW-226	09/07/2002	GROUNDWATER	175.00	185.00	61.70	71.70	E314.0	PERCHLORATE	
W226M2A	MW-226	09/07/2002	GROUNDWATER	175.00	185.00	61.70	71.70	OC21V	CHLOROFORM	
W226M2D	MW-226	09/07/2002	GROUNDWATER	175.00	185.00	61.70	71.70	E314.0	PERCHLORATE	
W226M2D	MW-226	09/07/2002	GROUNDWATER	175.00	185.00	61.70	71.70	OC21V	CHLOROFORM	
W226M3A	MW-226	09/07/2002	GROUNDWATER	135.00	145.00	21.53	31.53	OC21V	CHLOROFORM	
W228M2A	MW-228	08/29/2002	GROUNDWATER	126.00	136.00	20.00	30.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W228M2A	MW-228	08/29/2002	GROUNDWATER	126.00	136.00	20.00	30.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W228SSA	MW-228	09/05/2002	GROUNDWATER	104.00	114.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W80M2A	MW-80	09/10/2002	GROUNDWATER	110.00	110.00	56.00	66.00	E314.0	PERCHLORATE	
W80M2D	MW-80	09/10/2002	GROUNDWATER	110.00	110.00	56.00	66.00	E314.0	PERCHLORATE	
W85M1A	MW-85	09/12/2002	GROUNDWATER	137.50	147.50	22.00	32.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W85M1A	MW-85	09/12/2002	GROUNDWATER	137.50	147.50	22.00	32.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W90M1A	MW-90	09/12/2002	GROUNDWATER	145.00	155.00	27.00	37.00	8330NX	4-AMINO-2,6-DINITROTOLUENE	YES
W90M1A	MW-90	09/12/2002	GROUNDWATER	145.00	155.00	27.00	37.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W90SSA	MW-90	09/12/2002	GROUNDWATER	118.00	128.00	0.00	10.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
XXM972-A	97-2	09/09/2002	GROUNDWATER	75.00	85.00	50.66	60.66	E314.0	PERCHLORATE	
G237DAA	MW-237	09/09/2002	PROFILE	58.00	58.00	7.00	7.00	8330N	2,4,6-TRINITROTOLUENE	NO
G237DAA	MW-237	09/09/2002	PROFILE	58.00	58.00	7.00	7.00	8330N	2,6-DINITROTOLUENE	YES

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G237DAA	MW-237	09/09/2002	PROFILE	58.00	58.00	7.00	7.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G237DAA	MW-237	09/09/2002	PROFILE	58.00	58.00	7.00	7.00	8330N	3-NITROTOLUENE	NO*
G237DAA	MW-237	09/09/2002	PROFILE	58.00	58.00	7.00	7.00	8330N	4-NITROTOLUENE	NO
G237DAA	MW-237	09/09/2002	PROFILE	58.00	58.00	7.00	7.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G237DAA	MW-237	09/09/2002	PROFILE	58.00	58.00	7.00	7.00	8330N	NITROBENZENE	NO
G237DAA	MW-237	09/09/2002	PROFILE	58.00	58.00	7.00	7.00	8330N	NITROGLYCERIN	NO
G237DAA	MW-237	09/09/2002	PROFILE	58.00	58.00	7.00	7.00	8330N	PICRIC ACID	NO
G237DAA	MW-237	09/09/2002	PROFILE	58.00	58.00	7.00	7.00	OC21V	2-HEXANONE	
G237DAA	MW-237	09/09/2002	PROFILE	58.00	58.00	7.00	7.00	OC21V	ACETONE	
G237DAA	MW-237	09/09/2002	PROFILE	58.00	58.00	7.00	7.00	OC21V	CHLOROFORM	
G237DBA	MW-237	09/09/2002	PROFILE	60.00	60.00	9.00	9.00	8330N	2,4,6-TRINITROTOLUENE	NO
G237DBA	MW-237	09/09/2002	PROFILE	60.00	60.00	9.00	9.00	8330N	2,6-DINITROTOLUENE	YES*
G237DBA	MW-237	09/09/2002	PROFILE	60.00	60.00	9.00	9.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G237DBA	MW-237	09/09/2002	PROFILE	60.00	60.00	9.00	9.00	8330N	NITROBENZENE	NO
G237DBA	MW-237	09/09/2002	PROFILE	60.00	60.00	9.00	9.00	8330N	NITROGLYCERIN	NO
G237DBA	MW-237	09/09/2002	PROFILE	60.00	60.00	9.00	9.00	8330N	PICRIC ACID	NO
G237DBA	MW-237	09/09/2002	PROFILE	60.00	60.00	9.00	9.00	OC21V	2-HEXANONE	
G237DBA	MW-237	09/09/2002	PROFILE	60.00	60.00	9.00	9.00	OC21V	ACETONE	
G237DBA	MW-237	09/09/2002	PROFILE	60.00	60.00	9.00	9.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G237DBA	MW-237	09/09/2002	PROFILE	60.00	60.00	9.00	9.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G237DCA	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	8330N	2,4,6-TRINITROTOLUENE	NO
G237DCA	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	8330N	2,6-DINITROTOLUENE	YES*
G237DCA	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G237DCA	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	8330N	2-NITROTOLUENE	NO
G237DCA	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	8330N	4-NITROTOLUENE	NO
G237DCA	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G237DCA	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	8330N	NITROBENZENE	NO
G237DCA	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	8330N	NITROGLYCERIN	NO
G237DCA	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	8330N	PICRIC ACID	NO
G237DCA	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	OC21V	2-HEXANONE	
G237DCA	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	OC21V	ACETONE	
G237DCA	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	OC21V	METHYL ETHYL KETONE (2-BUT/	

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G237DCA	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G237DCA	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	OC21V	TOLUENE	
G237DCA	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	OC21V	XYLENES, TOTAL	
G237DCD	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	8330N	2,4,6-TRINITROTOLUENE	NO
G237DCD	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	8330N	2,6-DINITROTOLUENE	YES
G237DCD	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G237DCD	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	8330N	2-NITROTOLUENE	NO
G237DCD	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	8330N	4-NITROTOLUENE	NO
G237DCD	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G237DCD	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	8330N	NITROBENZENE	YES*
G237DCD	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	8330N	NITROGLYCERIN	NO
G237DCD	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	8330N	PICRIC ACID	NO
G237DCD	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	OC21V	2-HEXANONE	
G237DCD	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	OC21V	ACETONE	
G237DCD	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G237DCD	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G237DCD	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	OC21V	TOLUENE	
G237DCD	MW-237	09/09/2002	PROFILE	70.00	70.00	19.00	19.00	OC21V	XYLENES, TOTAL	
G237DDA	MW-237	09/09/2002	PROFILE	80.00	80.00	29.00	29.00	8330N	2,4,6-TRINITROTOLUENE	NO
G237DDA	MW-237	09/09/2002	PROFILE	80.00	80.00	29.00	29.00	8330N	2,6-DINITROTOLUENE	YES
G237DDA	MW-237	09/09/2002	PROFILE	80.00	80.00	29.00	29.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G237DDA	MW-237	09/09/2002	PROFILE	80.00	80.00	29.00	29.00	8330N	2-NITROTOLUENE	NO
G237DDA	MW-237	09/09/2002	PROFILE	80.00	80.00	29.00	29.00	8330N	4-NITROTOLUENE	NO
G237DDA	MW-237	09/09/2002	PROFILE	80.00	80.00	29.00	29.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G237DDA	MW-237	09/09/2002	PROFILE	80.00	80.00	29.00	29.00	8330N	NITROBENZENE	YES*
G237DDA	MW-237	09/09/2002	PROFILE	80.00	80.00	29.00	29.00	8330N	NITROGLYCERIN	NO
G237DDA	MW-237	09/09/2002	PROFILE	80.00	80.00	29.00	29.00	8330N	PICRIC ACID	NO
G237DDA	MW-237	09/09/2002	PROFILE	80.00	80.00	29.00	29.00	E314.0	PERCHLORATE	
G237DDA	MW-237	09/09/2002	PROFILE	80.00	80.00	29.00	29.00	OC21V	2-HEXANONE	
G237DDA	MW-237	09/09/2002	PROFILE	80.00	80.00	29.00	29.00	OC21V	ACETONE	
G237DDA	MW-237	09/09/2002	PROFILE	80.00	80.00	29.00	29.00	OC21V	BENZENE	
G237DDA	MW-237	09/09/2002	PROFILE	80.00	80.00	29.00	29.00	OC21V	METHYL ETHYL KETONE (2-BUT/	

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G237DDA	MW-237	09/09/2002	PROFILE	80.00	80.00	29.00	29.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G237DDA	MW-237	09/09/2002	PROFILE	80.00	80.00	29.00	29.00	OC21V	TOLUENE	
G237DEA	MW-237	09/09/2002	PROFILE	90.00	90.00	39.00	39.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G237DEA	MW-237	09/09/2002	PROFILE	90.00	90.00	39.00	39.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G237DEA	MW-237	09/09/2002	PROFILE	90.00	90.00	39.00	39.00	8330N	NITROGLYCERIN	NO
G237DEA	MW-237	09/09/2002	PROFILE	90.00	90.00	39.00	39.00	8330N	PICRIC ACID	NO
G237DEA	MW-237	09/09/2002	PROFILE	90.00	90.00	39.00	39.00	E314.0	PERCHLORATE	
G237DEA	MW-237	09/09/2002	PROFILE	90.00	90.00	39.00	39.00	OC21V	2-HEXANONE	
G237DEA	MW-237	09/09/2002	PROFILE	90.00	90.00	39.00	39.00	OC21V	ACETONE	
G237DEA	MW-237	09/09/2002	PROFILE	90.00	90.00	39.00	39.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G237DEA	MW-237	09/09/2002	PROFILE	90.00	90.00	39.00	39.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G237DEA	MW-237	09/09/2002	PROFILE	90.00	90.00	39.00	39.00	OC21V	TOLUENE	
G237DFA	MW-237	09/09/2002	PROFILE	100.00	100.00	49.00	49.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G237DFA	MW-237	09/09/2002	PROFILE	100.00	100.00	49.00	49.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G237DFA	MW-237	09/09/2002	PROFILE	100.00	100.00	49.00	49.00	8330N	NITROGLYCERIN	NO
G237DFA	MW-237	09/09/2002	PROFILE	100.00	100.00	49.00	49.00	8330N	PICRIC ACID	NO
G237DFA	MW-237	09/09/2002	PROFILE	100.00	100.00	49.00	49.00	OC21V	2-HEXANONE	
G237DFA	MW-237	09/09/2002	PROFILE	100.00	100.00	49.00	49.00	OC21V	ACETONE	
G237DFA	MW-237	09/09/2002	PROFILE	100.00	100.00	49.00	49.00	OC21V	BENZENE	
G237DFA	MW-237	09/09/2002	PROFILE	100.00	100.00	49.00	49.00	OC21V	CHLOROFORM	
G237DFA	MW-237	09/09/2002	PROFILE	100.00	100.00	49.00	49.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G237DFA	MW-237	09/09/2002	PROFILE	100.00	100.00	49.00	49.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G237DFA	MW-237	09/09/2002	PROFILE	100.00	100.00	49.00	49.00	OC21V	TOLUENE	
G237DFA	MW-237	09/09/2002	PROFILE	100.00	100.00	49.00	49.00	OC21V	XYLENES, TOTAL	
G237DGA	MW-237	09/09/2002	PROFILE	110.00	110.00	59.00	59.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G237DGA	MW-237	09/09/2002	PROFILE	110.00	110.00	59.00	59.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G237DGA	MW-237	09/09/2002	PROFILE	110.00	110.00	59.00	59.00	8330N	NITROGLYCERIN	NO
G237DGA	MW-237	09/09/2002	PROFILE	110.00	110.00	59.00	59.00	8330N	PICRIC ACID	NO
G237DGA	MW-237	09/09/2002	PROFILE	110.00	110.00	59.00	59.00	OC21V	2-HEXANONE	
G237DGA	MW-237	09/09/2002	PROFILE	110.00	110.00	59.00	59.00	OC21V	ACETONE	
G237DGA	MW-237	09/09/2002	PROFILE	110.00	110.00	59.00	59.00	OC21V	CHLOROETHANE	
G237DGA	MW-237	09/09/2002	PROFILE	110.00	110.00	59.00	59.00	OC21V	METHYL ETHYL KETONE (2-BUT/	

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/24/02 - 09/29/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G237DGA	MW-237	09/09/2002	PROFILE	110.00	110.00	59.00	59.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G237DHA	MW-237	09/09/2002	PROFILE	120.00	120.00	69.00	69.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G237DHA	MW-237	09/09/2002	PROFILE	120.00	120.00	69.00	69.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G237DHA	MW-237	09/09/2002	PROFILE	120.00	120.00	69.00	69.00	8330N	NITROGLYCERIN	NO
G237DHA	MW-237	09/09/2002	PROFILE	120.00	120.00	69.00	69.00	8330N	PICRIC ACID	NO
G237DHA	MW-237	09/09/2002	PROFILE	120.00	120.00	69.00	69.00	OC21V	2-HEXANONE	
G237DHA	MW-237	09/09/2002	PROFILE	120.00	120.00	69.00	69.00	OC21V	ACETONE	
G237DHA	MW-237	09/09/2002	PROFILE	120.00	120.00	69.00	69.00	OC21V	CHLOROETHANE	
G237DHA	MW-237	09/09/2002	PROFILE	120.00	120.00	69.00	69.00	OC21V	CHLOROFORM	
G237DHA	MW-237	09/09/2002	PROFILE	120.00	120.00	69.00	69.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G237DHA	MW-237	09/09/2002	PROFILE	120.00	120.00	69.00	69.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G237DHA	MW-237	09/09/2002	PROFILE	120.00	120.00	69.00	69.00	OC21V	TOLUENE	
G237DIA	MW-237	09/09/2002	PROFILE	13.00	130.00	79.00	79.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G237DIA	MW-237	09/09/2002	PROFILE	13.00	130.00	79.00	79.00	8330N	NITROGLYCERIN	NO
G237DIA	MW-237	09/09/2002	PROFILE	13.00	130.00	79.00	79.00	8330N	PICRIC ACID	NO
G237DIA	MW-237	09/09/2002	PROFILE	13.00	130.00	79.00	79.00	OC21V	2-HEXANONE	
G237DIA	MW-237	09/09/2002	PROFILE	13.00	130.00	79.00	79.00	OC21V	ACETONE	
G237DIA	MW-237	09/09/2002	PROFILE	13.00	130.00	79.00	79.00	OC21V	CHLOROFORM	
G237DIA	MW-237	09/09/2002	PROFILE	13.00	130.00	79.00	79.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G237DIA	MW-237	09/09/2002	PROFILE	13.00	130.00	79.00	79.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G237DJA	MW-237	09/10/2002	PROFILE	140.00	140.00	89.00	89.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G237DJA	MW-237	09/10/2002	PROFILE	140.00	140.00	89.00	89.00	8330N	NITROGLYCERIN	NO
G237DJA	MW-237	09/10/2002	PROFILE	140.00	140.00	89.00	89.00	8330N	PICRIC ACID	NO
G237DJA	MW-237	09/10/2002	PROFILE	140.00	140.00	89.00	89.00	OC21V	2-HEXANONE	
G237DJA	MW-237	09/10/2002	PROFILE	140.00	140.00	89.00	89.00	OC21V	ACETONE	
G237DJA	MW-237	09/10/2002	PROFILE	140.00	140.00	89.00	89.00	OC21V	CARBON DISULFIDE	
G237DJA	MW-237	09/10/2002	PROFILE	140.00	140.00	89.00	89.00	OC21V	CHLOROFORM	
G237DJA	MW-237	09/10/2002	PROFILE	140.00	140.00	89.00	89.00	OC21V	METHYL ETHYL KETONE (2-BUTA	
G237DJA	MW-237	09/10/2002	PROFILE	140.00	140.00	89.00	89.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G237DKA	MW-237	09/10/2002	PROFILE	150.00	150.00	99.00	99.00	8330N	NITROGLYCERIN	NO
G237DKA	MW-237	09/10/2002	PROFILE	150.00	150.00	99.00	99.00	OC21V	2-HEXANONE	
G237DKA	MW-237	09/10/2002	PROFILE	150.00	150.00	99.00	99.00	OC21V	ACETONE	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G237DKA	MW-237	09/10/2002	PROFILE	150.00	150.00	99.00	99.00	OC21V	CHLOROFORM	
G237DKA	MW-237	09/10/2002	PROFILE	150.00	150.00	99.00	99.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G237DLA	MW-237	09/10/2002	PROFILE	160.00	160.00	109.00	109.00	8330N	2-NITROTOLUENE	NO
G237DLA	MW-237	09/10/2002	PROFILE	160.00	160.00	109.00	109.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G237DLA	MW-237	09/10/2002	PROFILE	160.00	160.00	109.00	109.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G237DLA	MW-237	09/10/2002	PROFILE	160.00	160.00	109.00	109.00	8330N	NITROGLYCERIN	NO
G237DLA	MW-237	09/10/2002	PROFILE	160.00	160.00	109.00	109.00	8330N	PICRIC ACID	NO
G237DLA	MW-237	09/10/2002	PROFILE	160.00	160.00	109.00	109.00	OC21V	2-HEXANONE	
G237DLA	MW-237	09/10/2002	PROFILE	160.00	160.00	109.00	109.00	OC21V	ACETONE	
G237DLA	MW-237	09/10/2002	PROFILE	160.00	160.00	109.00	109.00	OC21V	CARBON DISULFIDE	
G237DLA	MW-237	09/10/2002	PROFILE	160.00	160.00	109.00	109.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G237DMA	MW-237	09/10/2002	PROFILE	170.00	170.00	119.00	119.00	8330N	4-NITROTOLUENE	NO
G237DMA	MW-237	09/10/2002	PROFILE	170.00	170.00	119.00	119.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G237DMA	MW-237	09/10/2002	PROFILE	170.00	170.00	119.00	119.00	8330N	NITROGLYCERIN	NO
G237DMA	MW-237	09/10/2002	PROFILE	170.00	170.00	119.00	119.00	8330N	PICRIC ACID	NO
G237DMA	MW-237	09/10/2002	PROFILE	170.00	170.00	119.00	119.00	OC21V	1,1,2-TRICHLOROETHANE	
G237DMA	MW-237	09/10/2002	PROFILE	170.00	170.00	119.00	119.00	OC21V	2-HEXANONE	
G237DMA	MW-237	09/10/2002	PROFILE	170.00	170.00	119.00	119.00	OC21V	ACETONE	
G237DMA	MW-237	09/10/2002	PROFILE	170.00	170.00	119.00	119.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G237DMA	MW-237	09/10/2002	PROFILE	170.00	170.00	119.00	119.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G237DNA	MW-237	09/10/2002	PROFILE	180.00	180.00	129.00	129.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G237DNA	MW-237	09/10/2002	PROFILE	180.00	180.00	129.00	129.00	8330N	NITROGLYCERIN	NO
G237DNA	MW-237	09/10/2002	PROFILE	180.00	180.00	129.00	129.00	8330N	PICRIC ACID	NO
G237DNA	MW-237	09/10/2002	PROFILE	180.00	180.00	129.00	129.00	OC21V	ACETONE	
G237DNA	MW-237	09/10/2002	PROFILE	180.00	180.00	129.00	129.00	OC21V	CHLOROFORM	
G237DNA	MW-237	09/10/2002	PROFILE	180.00	180.00	129.00	129.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G237DOA	MW-237	09/10/2002	PROFILE	190.00	190.00	139.00	139.00	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO*
G237DOA	MW-237	09/10/2002	PROFILE	190.00	190.00	139.00	139.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G237DOA	MW-237	09/10/2002	PROFILE	190.00	190.00	139.00	139.00	8330N	NITROGLYCERIN	NO
G237DOA	MW-237	09/10/2002	PROFILE	190.00	190.00	139.00	139.00	8330N	PICRIC ACID	NO
G237DOA	MW-237	09/10/2002	PROFILE	190.00	190.00	139.00	139.00	OC21V	2-HEXANONE	
G237DOA	MW-237	09/10/2002	PROFILE	190.00	190.00	139.00	139.00	OC21V	ACETONE	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G237DOA	MW-237	09/10/2002	PROFILE	190.00	190.00	139.00	139.00	OC21V	CHLOROFORM	
G237DOA	MW-237	09/10/2002	PROFILE	190.00	190.00	139.00	139.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G237DOA	MW-237	09/10/2002	PROFILE	190.00	190.00	139.00	139.00	OC21V	METHYL ISOBUTYL KETONE (4-M	
G237DPA	MW-237	09/10/2002	PROFILE	200.00	200.00	149.00	149.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G237DPA	MW-237	09/10/2002	PROFILE	200.00	200.00	149.00	149.00	8330N	NITROGLYCERIN	NO
G237DPA	MW-237	09/10/2002	PROFILE	200.00	200.00	149.00	149.00	OC21V	2-HEXANONE	
G237DPA	MW-237	09/10/2002	PROFILE	200.00	200.00	149.00	149.00	OC21V	ACETONE	
G237DPA	MW-237	09/10/2002	PROFILE	200.00	200.00	149.00	149.00	OC21V	CHLOROFORM	
G237DPA	MW-237	09/10/2002	PROFILE	200.00	200.00	149.00	149.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G237DQA	MW-237	09/10/2002	PROFILE	210.00	210.00	159.00	159.00	OC21V	ACETONE	
G237DQA	MW-237	09/10/2002	PROFILE	210.00	210.00	159.00	159.00	OC21V	CHLOROFORM	
G237DQA	MW-237	09/10/2002	PROFILE	210.00	210.00	159.00	159.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G238DAA	MW-238	09/11/2002	PROFILE	105.00	105.00	7.50	7.50	8330N	2,6-DINITROTOLUENE	NO*
G238DAA	MW-238	09/11/2002	PROFILE	105.00	105.00	7.50	7.50	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G238DAA	MW-238	09/11/2002	PROFILE	105.00	105.00	7.50	7.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G238DAA	MW-238	09/11/2002	PROFILE	105.00	105.00	7.50	7.50	8330N	NITROGLYCERIN	NO
G238DAA	MW-238	09/11/2002	PROFILE	105.00	105.00	7.50	7.50	OC21V	ACETONE	
G238DAA	MW-238	09/11/2002	PROFILE	105.00	105.00	7.50	7.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G238DBA	MW-238	09/11/2002	PROFILE	110.00	110.00	12.50	12.50	8330N	NITROGLYCERIN	NO
G238DBA	MW-238	09/11/2002	PROFILE	110.00	110.00	12.50	12.50	OC21V	ACETONE	
G238DBA	MW-238	09/11/2002	PROFILE	110.00	110.00	12.50	12.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G238DCA	MW-238	09/11/2002	PROFILE	120.00	120.00	22.50	22.50	8330N	1,3,5-TRINITROBENZENE	NO
G238DCA	MW-238	09/11/2002	PROFILE	120.00	120.00	22.50	22.50	8330N	1,3-DINITROBENZENE	NO
G238DCA	MW-238	09/11/2002	PROFILE	120.00	120.00	22.50	22.50	8330N	2,6-DINITROTOLUENE	NO*
G238DCA	MW-238	09/11/2002	PROFILE	120.00	120.00	22.50	22.50	8330N	NITROGLYCERIN	NO
G238DCA	MW-238	09/11/2002	PROFILE	120.00	120.00	22.50	22.50	OC21V	ACETONE	
G238DCA	MW-238	09/11/2002	PROFILE	120.00	120.00	22.50	22.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G238DDA	MW-238	09/11/2002	PROFILE	130.00	130.00	32.50	32.50	8330N	1,3,5-TRINITROBENZENE	NO
G238DDA	MW-238	09/11/2002	PROFILE	130.00	130.00	32.50	32.50	8330N	1,3-DINITROBENZENE	NO
G238DDA	MW-238	09/11/2002	PROFILE	130.00	130.00	32.50	32.50	8330N	2,6-DINITROTOLUENE	YES
G238DDA	MW-238	09/11/2002	PROFILE	130.00	130.00	32.50	32.50	8330N	NITROGLYCERIN	NO
G238DDA	MW-238	09/11/2002	PROFILE	130.00	130.00	32.50	32.50	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G238DDA	MW-238	09/11/2002	PROFILE	130.00	130.00	32.50	32.50	OC21V	ACETONE	
G238DDA	MW-238	09/11/2002	PROFILE	130.00	130.00	32.50	32.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G238DFA	MW-238	09/11/2002	PROFILE	150.00	150.00	52.50	52.50	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO*
G238DFA	MW-238	09/11/2002	PROFILE	150.00	150.00	52.50	52.50	8330N	2,6-DINITROTOLUENE	YES
G238DFA	MW-238	09/11/2002	PROFILE	150.00	150.00	52.50	52.50	8330N	NITROGLYCERIN	NO
G238DFA	MW-238	09/11/2002	PROFILE	150.00	150.00	52.50	52.50	OC21V	ACETONE	
G238DFA	MW-238	09/11/2002	PROFILE	150.00	150.00	52.50	52.50	OC21V	CARBON DISULFIDE	
G238DFA	MW-238	09/11/2002	PROFILE	150.00	150.00	52.50	52.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G238DHA	MW-238	09/11/2002	PROFILE	170.00	170.00	72.50	72.50	8330N	1,3,5-TRINITROBENZENE	NO
G238DHA	MW-238	09/11/2002	PROFILE	170.00	170.00	72.50	72.50	8330N	1,3-DINITROBENZENE	NO
G238DHA	MW-238	09/11/2002	PROFILE	170.00	170.00	72.50	72.50	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G238DHA	MW-238	09/11/2002	PROFILE	170.00	170.00	72.50	72.50	8330N	2,4-DINITROTOLUENE	NO
G238DHA	MW-238	09/11/2002	PROFILE	170.00	170.00	72.50	72.50	8330N	2,6-DINITROTOLUENE	YES
G238DHA	MW-238	09/11/2002	PROFILE	170.00	170.00	72.50	72.50	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G238DHA	MW-238	09/11/2002	PROFILE	170.00	170.00	72.50	72.50	8330N	2-NITROTOLUENE	NO
G238DHA	MW-238	09/11/2002	PROFILE	170.00	170.00	72.50	72.50	8330N	3-NITROTOLUENE	NO
G238DHA	MW-238	09/11/2002	PROFILE	170.00	170.00	72.50	72.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G238DHA	MW-238	09/11/2002	PROFILE	170.00	170.00	72.50	72.50	8330N	4-NITROTOLUENE	NO
G238DHA	MW-238	09/11/2002	PROFILE	170.00	170.00	72.50	72.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G238DHA	MW-238	09/11/2002	PROFILE	170.00	170.00	72.50	72.50	8330N	NITROGLYCERIN	NO
G238DHA	MW-238	09/11/2002	PROFILE	170.00	170.00	72.50	72.50	8330N	PENTAERYTHRITOL TETRANITR	NO
G238DHA	MW-238	09/11/2002	PROFILE	170.00	170.00	72.50	72.50	8330N	PICRIC ACID	NO
G238DHA	MW-238	09/11/2002	PROFILE	170.00	170.00	72.50	72.50	OC21V	ACETONE	
G238DHA	MW-238	09/11/2002	PROFILE	170.00	170.00	72.50	72.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G238DJA	MW-238	09/12/2002	PROFILE	190.00	190.00	92.50	92.50	OC21V	ACETONE	
G238DJA	MW-238	09/12/2002	PROFILE	190.00	190.00	92.50	92.50	OC21V	CHLOROFORM	
G238DKA	MW-238	09/12/2002	PROFILE	200.00	200.00	102.50	102.50	OC21V	CHLOROFORM	
G238DLA	MW-238	09/12/2002	PROFILE	210.00	210.00	112.50	112.50	OC21V	CHLOROFORM	
G238DLD	MW-238	09/12/2002	PROFILE	210.00	210.00	112.50	112.50	OC21V	CHLOROFORM	
G238DMA	MW-238	09/12/2002	PROFILE	220.00	220.00	122.50	122.50	OC21V	CHLOROFORM	
G238DNA	MW-238	09/12/2002	PROFILE	230.00	230.00	132.50	132.50	OC21V	CHLOROFORM	
G238DOA	MW-238	09/12/2002	PROFILE	240.00	240.00	142.50	142.50	8330N	NITROGLYCERIN	NO

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.
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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
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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/24/02 - 09/29/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G238DOA	MW-238	09/12/2002	PROFILE	240.00	240.00	142.50	142.50	OC21V	CHLOROFORM	
G238DPA	MW-238	09/12/2002	PROFILE	250.00	250.00	152.50	152.50	OC21V	CHLOROFORM	
G238DQA	MW-238	09/12/2002	PROFILE	260.00	260.00	162.50	162.50	OC21V	CHLOROFORM	
G239DAA	MW-239	09/18/2002	PROFILE	30.00	30.00	9.65	9.65	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G239DAA	MW-239	09/18/2002	PROFILE	30.00	30.00	9.65	9.65	8330N	3-NITROTOLUENE	NO
G239DAA	MW-239	09/18/2002	PROFILE	30.00	30.00	9.65	9.65	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G239DAA	MW-239	09/18/2002	PROFILE	30.00	30.00	9.65	9.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G239DAA	MW-239	09/18/2002	PROFILE	30.00	30.00	9.65	9.65	8330N	NITROGLYCERIN	NO
G239DAA	MW-239	09/18/2002	PROFILE	30.00	30.00	9.65	9.65	8330N	PICRIC ACID	NO
G239DAA	MW-239	09/18/2002	PROFILE	30.00	30.00	9.65	9.65	OC21V	ACETONE	
G239DAA	MW-239	09/18/2002	PROFILE	30.00	30.00	9.65	9.65	OC21V	CHLOROFORM	
G239DAA	MW-239	09/18/2002	PROFILE	30.00	30.00	9.65	9.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G239DBA	MW-239	09/18/2002	PROFILE	40.00	40.00	19.65	19.65	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G239DBA	MW-239	09/18/2002	PROFILE	40.00	40.00	19.65	19.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO*
G239DBA	MW-239	09/18/2002	PROFILE	40.00	40.00	19.65	19.65	8330N	NITROGLYCERIN	NO
G239DBA	MW-239	09/18/2002	PROFILE	40.00	40.00	19.65	19.65	8330N	PICRIC ACID	NO
G239DBA	MW-239	09/18/2002	PROFILE	40.00	40.00	19.65	19.65	OC21V	2-HEXANONE	
G239DBA	MW-239	09/18/2002	PROFILE	40.00	40.00	19.65	19.65	OC21V	ACETONE	
G239DBA	MW-239	09/18/2002	PROFILE	40.00	40.00	19.65	19.65	OC21V	CHLOROFORM	
G239DBA	MW-239	09/18/2002	PROFILE	40.00	40.00	19.65	19.65	OC21V	CHLOROMETHANE	
G239DBA	MW-239	09/18/2002	PROFILE	40.00	40.00	19.65	19.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G239DBA	MW-239	09/18/2002	PROFILE	40.00	40.00	19.65	19.65	OC21V	METHYL ISOBUTYL KETONE (4-M	
G239DCA	MW-239	09/18/2002	PROFILE	50.00	50.00	29.65	29.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G239DCA	MW-239	09/18/2002	PROFILE	50.00	50.00	29.65	29.65	8330N	NITROGLYCERIN	NO
G239DCA	MW-239	09/18/2002	PROFILE	50.00	50.00	29.65	29.65	8330N	PICRIC ACID	NO
G239DCA	MW-239	09/18/2002	PROFILE	50.00	50.00	29.65	29.65	OC21V	2-HEXANONE	
G239DCA	MW-239	09/18/2002	PROFILE	50.00	50.00	29.65	29.65	OC21V	ACETONE	
G239DCA	MW-239	09/18/2002	PROFILE	50.00	50.00	29.65	29.65	OC21V	CHLOROFORM	
G239DCA	MW-239	09/18/2002	PROFILE	50.00	50.00	29.65	29.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G239DDA	MW-239	09/18/2002	PROFILE	60.00	60.00	39.65	39.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G239DDA	MW-239	09/18/2002	PROFILE	60.00	60.00	39.65	39.65	8330N	NITROGLYCERIN	NO
G239DDA	MW-239	09/18/2002	PROFILE	60.00	60.00	39.65	39.65	E314.0	PERCHLORATE	

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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
G239DDA	MW-239	09/18/2002	PROFILE	60.00	60.00	39.65	39.65	OC21V	2-HEXANONE	
G239DDA	MW-239	09/18/2002	PROFILE	60.00	60.00	39.65	39.65	OC21V	ACETONE	
G239DDA	MW-239	09/18/2002	PROFILE	60.00	60.00	39.65	39.65	OC21V	CHLOROFORM	
G239DDA	MW-239	09/18/2002	PROFILE	60.00	60.00	39.65	39.65	OC21V	CHLOROMETHANE	
G239DDA	MW-239	09/18/2002	PROFILE	60.00	60.00	39.65	39.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G239DDA	MW-239	09/18/2002	PROFILE	60.00	60.00	39.65	39.65	OC21V	METHYL ISOBUTYL KETONE (4-M	
G239DEA	MW-239	09/18/2002	PROFILE	70.00	70.00	49.65	49.65	E314.0	PERCHLORATE	
G239DEA	MW-239	09/18/2002	PROFILE	70.00	70.00	49.65	49.65	OC21V	2-HEXANONE	
G239DEA	MW-239	09/18/2002	PROFILE	70.00	70.00	49.65	49.65	OC21V	ACETONE	
G239DEA	MW-239	09/18/2002	PROFILE	70.00	70.00	49.65	49.65	OC21V	CHLOROFORM	
G239DEA	MW-239	09/18/2002	PROFILE	70.00	70.00	49.65	49.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G239DFA	MW-239	09/19/2002	PROFILE	80.00	80.00	59.65	59.65	8330N	NITROGLYCERIN	NO
G239DFA	MW-239	09/19/2002	PROFILE	80.00	80.00	59.65	59.65	E314.0	PERCHLORATE	
G239DFA	MW-239	09/19/2002	PROFILE	80.00	80.00	59.65	59.65	OC21V	2-HEXANONE	
G239DFA	MW-239	09/19/2002	PROFILE	80.00	80.00	59.65	59.65	OC21V	ACETONE	
G239DFA	MW-239	09/19/2002	PROFILE	80.00	80.00	59.65	59.65	OC21V	CHLOROFORM	
G239DFA	MW-239	09/19/2002	PROFILE	80.00	80.00	59.65	59.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G239DFD	MW-239	09/19/2002	PROFILE	80.00	80.00	59.65	59.65	8330N	NITROGLYCERIN	NO
G239DFD	MW-239	09/19/2002	PROFILE	80.00	80.00	59.65	59.65	OC21V	ACETONE	
G239DFD	MW-239	09/19/2002	PROFILE	80.00	80.00	59.65	59.65	OC21V	CHLOROFORM	
G239DFD	MW-239	09/19/2002	PROFILE	80.00	80.00	59.65	59.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G239DGA	MW-239	09/19/2002	PROFILE	90.00	90.00	69.65	69.65	OC21V	2-HEXANONE	
G239DGA	MW-239	09/19/2002	PROFILE	90.00	90.00	69.65	69.65	OC21V	ACETONE	
G239DGA	MW-239	09/19/2002	PROFILE	90.00	90.00	69.65	69.65	OC21V	CHLOROFORM	
G239DGA	MW-239	09/19/2002	PROFILE	90.00	90.00	69.65	69.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G239DHA	MW-239	09/19/2002	PROFILE	100.00	100.00	79.65	79.65	OC21V	2-HEXANONE	
G239DHA	MW-239	09/19/2002	PROFILE	100.00	100.00	79.65	79.65	OC21V	ACETONE	
G239DHA	MW-239	09/19/2002	PROFILE	100.00	100.00	79.65	79.65	OC21V	CHLOROFORM	
G239DHA	MW-239	09/19/2002	PROFILE	100.00	100.00	79.65	79.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G239DIA	MW-239	09/19/2002	PROFILE	110.00	110.00	89.65	89.65	OC21V	ACETONE	
G239DIA	MW-239	09/19/2002	PROFILE	110.00	110.00	89.65	89.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G239DJA	MW-239	09/19/2002	PROFILE	120.00	120.00	99.65	99.65	OC21V	ACETONE	

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TABLE 4
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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G239DJA	MW-239	09/19/2002	PROFILE	120.00	120.00	99.65	99.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G239DKA	MW-239	09/19/2002	PROFILE	130.00	130.00	109.65	109.65	OC21V	ACETONE	
G239DKA	MW-239	09/19/2002	PROFILE	130.00	130.00	109.65	109.65	OC21V	CHLOROFORM	
G239DKA	MW-239	09/19/2002	PROFILE	130.00	130.00	109.65	109.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G239DLA	MW-239	09/19/2002	PROFILE	140.00	140.00	119.65	119.65	OC21V	2-HEXANONE	
G239DLA	MW-239	09/19/2002	PROFILE	140.00	140.00	119.65	119.65	OC21V	ACETONE	
G239DLA	MW-239	09/19/2002	PROFILE	140.00	140.00	119.65	119.65	OC21V	CHLOROFORM	
G239DLA	MW-239	09/19/2002	PROFILE	140.00	140.00	119.65	119.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G239DMA	MW-239	09/19/2002	PROFILE	150.00	150.00	129.65	129.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G239DMA	MW-239	09/19/2002	PROFILE	150.00	150.00	129.65	129.65	8330N	NITROGLYCERIN	NO
G239DMA	MW-239	09/19/2002	PROFILE	150.00	150.00	129.65	129.65	8330N	PICRIC ACID	NO
G239DMA	MW-239	09/19/2002	PROFILE	150.00	150.00	129.65	129.65	OC21V	2-HEXANONE	
G239DMA	MW-239	09/19/2002	PROFILE	150.00	150.00	129.65	129.65	OC21V	ACETONE	
G239DMA	MW-239	09/19/2002	PROFILE	150.00	150.00	129.65	129.65	OC21V	CARBON DISULFIDE	
G239DMA	MW-239	09/19/2002	PROFILE	150.00	150.00	129.65	129.65	OC21V	CHLOROETHANE	
G239DMA	MW-239	09/19/2002	PROFILE	150.00	150.00	129.65	129.65	OC21V	CHLOROMETHANE	
G239DMA	MW-239	09/19/2002	PROFILE	150.00	150.00	129.65	129.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G239DMA	MW-239	09/19/2002	PROFILE	150.00	150.00	129.65	129.65	OC21V	METHYL ISOBUTYL KETONE (4-M	
G239DNA	MW-239	09/19/2002	PROFILE	160.00	160.00	139.65	139.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G239DNA	MW-239	09/19/2002	PROFILE	160.00	160.00	139.65	139.65	8330N	NITROGLYCERIN	NO
G239DNA	MW-239	09/19/2002	PROFILE	160.00	160.00	139.65	139.65	8330N	PICRIC ACID	NO
G239DNA	MW-239	09/19/2002	PROFILE	160.00	160.00	139.65	139.65	OC21V	2-HEXANONE	
G239DNA	MW-239	09/19/2002	PROFILE	160.00	160.00	139.65	139.65	OC21V	ACETONE	
G239DNA	MW-239	09/19/2002	PROFILE	160.00	160.00	139.65	139.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G239DNA	MW-239	09/19/2002	PROFILE	160.00	160.00	139.65	139.65	OC21V	TOLUENE	
G239DOA	MW-239	09/19/2002	PROFILE	170.00	170.00	149.65	149.65	8330N	NITROGLYCERIN	NO
G239DOA	MW-239	09/19/2002	PROFILE	170.00	170.00	149.65	149.65	OC21V	ACETONE	
G239DOA	MW-239	09/19/2002	PROFILE	170.00	170.00	149.65	149.65	OC21V	CHLOROFORM	
G239DOA	MW-239	09/19/2002	PROFILE	170.00	170.00	149.65	149.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G239DPA	MW-239	09/19/2002	PROFILE	180.00	180.00	159.65	159.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G239DPA	MW-239	09/19/2002	PROFILE	180.00	180.00	159.65	159.65	8330N	NITROGLYCERIN	NO
G239DPA	MW-239	09/19/2002	PROFILE	180.00	180.00	159.65	159.65	OC21V	2-HEXANONE	

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TABLE 4
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SAMPLES COLLECTED 8/24/02 - 09/29/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G239DPA	MW-239	09/19/2002	PROFILE	180.00	180.00	159.65	159.65	OC21V	ACETONE	
G239DPA	MW-239	09/19/2002	PROFILE	180.00	180.00	159.65	159.65	OC21V	CHLOROETHANE	
G239DPA	MW-239	09/19/2002	PROFILE	180.00	180.00	159.65	159.65	OC21V	CHLOROFORM	
G239DPA	MW-239	09/19/2002	PROFILE	180.00	180.00	159.65	159.65	OC21V	CHLOROMETHANE	
G239DPA	MW-239	09/19/2002	PROFILE	180.00	180.00	159.65	159.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G239DQA	MW-239	09/19/2002	PROFILE	190.00	190.00	169.65	169.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G239DQA	MW-239	09/19/2002	PROFILE	190.00	190.00	169.65	169.65	8330N	NITROGLYCERIN	NO
G239DQA	MW-239	09/19/2002	PROFILE	190.00	190.00	169.65	169.65	8330N	PICRIC ACID	NO
G239DQA	MW-239	09/19/2002	PROFILE	190.00	190.00	169.65	169.65	OC21V	2-HEXANONE	
G239DQA	MW-239	09/19/2002	PROFILE	190.00	190.00	169.65	169.65	OC21V	ACETONE	
G239DQA	MW-239	09/19/2002	PROFILE	190.00	190.00	169.65	169.65	OC21V	CARBON DISULFIDE	
G239DQA	MW-239	09/19/2002	PROFILE	190.00	190.00	169.65	169.65	OC21V	CHLOROETHANE	
G239DQA	MW-239	09/19/2002	PROFILE	190.00	190.00	169.65	169.65	OC21V	CHLOROMETHANE	
G239DQA	MW-239	09/19/2002	PROFILE	190.00	190.00	169.65	169.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G239DSA	MW-239	09/20/2002	PROFILE	210.00	210.00	179.65	179.65	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G239DSA	MW-239	09/20/2002	PROFILE	210.00	210.00	179.65	179.65	8330N	NITROGLYCERIN	NO
G239DSA	MW-239	09/20/2002	PROFILE	210.00	210.00	179.65	179.65	8330N	PICRIC ACID	NO
G239DSA	MW-239	09/20/2002	PROFILE	210.00	210.00	179.65	179.65	OC21V	ACETONE	
G239DSA	MW-239	09/20/2002	PROFILE	210.00	210.00	179.65	179.65	OC21V	METHYL ETHYL KETONE (2-BUT/	
G240DAA	MW-240	09/20/2002	PROFILE	105.00	105.00	6.70	6.70	8330N	3-NITROTOLUENE	NO
G240DAA	MW-240	09/20/2002	PROFILE	105.00	105.00	6.70	6.70	8330N	NITROGLYCERIN	NO
G240DAA	MW-240	09/20/2002	PROFILE	105.00	105.00	6.70	6.70	8330N	PICRIC ACID	NO
G240DBA	MW-240	09/23/2002	PROFILE	110.00	110.00	11.70	11.70	8330N	1,3,5-TRINITROBENZENE	NO
G240DBA	MW-240	09/23/2002	PROFILE	110.00	110.00	11.70	11.70	8330N	1,3-DINITROBENZENE	NO
G240DBA	MW-240	09/23/2002	PROFILE	110.00	110.00	11.70	11.70	8330N	2,6-DINITROTOLUENE	NO
G240DBA	MW-240	09/23/2002	PROFILE	110.00	110.00	11.70	11.70	8330N	3-NITROTOLUENE	NO
G240DBA	MW-240	09/23/2002	PROFILE	110.00	110.00	11.70	11.70	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G240DBA	MW-240	09/23/2002	PROFILE	110.00	110.00	11.70	11.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G240DBA	MW-240	09/23/2002	PROFILE	110.00	110.00	11.70	11.70	8330N	NITROGLYCERIN	NO
G240DBA	MW-240	09/23/2002	PROFILE	110.00	110.00	11.70	11.70	8330N	PICRIC ACID	NO
G240DCA	MW-240	09/24/2002	PROFILE	120.00	120.00	21.70	21.70	8330N	3-NITROTOLUENE	NO
G240DCA	MW-240	09/24/2002	PROFILE	120.00	120.00	21.70	21.70	8330N	4-AMINO-2,6-DINITROTOLUENE	NO

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G240DCA	MW-240	09/24/2002	PROFILE	120.00	120.00	21.70	21.70	8330N	NITROGLYCERIN	NO
G240DCA	MW-240	09/24/2002	PROFILE	120.00	120.00	21.70	21.70	8330N	PICRIC ACID	NO
G240DDA	MW-240	09/24/2002	PROFILE	130.00	130.00	31.70	31.70	8330N	3-NITROTOLUENE	NO
G240DDA	MW-240	09/24/2002	PROFILE	130.00	130.00	31.70	31.70	8330N	NITROGLYCERIN	NO
G240DDA	MW-240	09/24/2002	PROFILE	130.00	130.00	31.70	31.70	8330N	PICRIC ACID	NO
G240DFA	MW-240	09/24/2002	PROFILE	150.00	150.00	51.70	51.70	8330N	2,6-DINITROTOLUENE	YES
G240DFA	MW-240	09/24/2002	PROFILE	150.00	150.00	51.70	51.70	8330N	3-NITROTOLUENE	NO
G240DFA	MW-240	09/24/2002	PROFILE	150.00	150.00	51.70	51.70	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G240DFA	MW-240	09/24/2002	PROFILE	150.00	150.00	51.70	51.70	8330N	NITROGLYCERIN	NO
G240DFA	MW-240	09/24/2002	PROFILE	150.00	150.00	51.70	51.70	8330N	PICRIC ACID	NO
G240DGA	MW-240	09/25/2002	PROFILE	160.00	160.00	61.70	61.70	8330N	3-NITROTOLUENE	NO*
G240DGA	MW-240	09/25/2002	PROFILE	160.00	160.00	61.70	61.70	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G240DGA	MW-240	09/25/2002	PROFILE	160.00	160.00	61.70	61.70	8330N	NITROGLYCERIN	NO
G240DGA	MW-240	09/25/2002	PROFILE	160.00	160.00	61.70	61.70	8330N	PICRIC ACID	NO
G240DIA	MW-240	09/25/2002	PROFILE	180.00	180.00	71.70	71.70	8330N	NITROGLYCERIN	NO
G240DJA	MW-240	09/25/2002	PROFILE	190.00	190.00	81.70	81.70	8330N	NITROGLYCERIN	NO
G240DJD	MW-240	09/25/2002	PROFILE	190.00	190.00	81.70	81.70	8330N	NITROGLYCERIN	NO
G240DJD	MW-240	09/25/2002	PROFILE	190.00	190.00	81.70	81.70	8330N	PICRIC ACID	NO
G240DMA	MW-240	09/26/2002	PROFILE	220.00	220.00	111.70	111.70	8330N	NITROGLYCERIN	
G240DNA	MW-240	09/26/2002	PROFILE	230.00	230.00	121.70	121.70	8330N	NITROGLYCERIN	
G241DAA	MW-241	09/24/2002	PROFILE	98.00	98.00	0.00	0.00	8330N	1,3,5-TRINITROBENZENE	NO
G241DAA	MW-241	09/24/2002	PROFILE	98.00	98.00	0.00	0.00	8330N	1,3-DINITROBENZENE	NO
G241DAA	MW-241	09/24/2002	PROFILE	98.00	98.00	0.00	0.00	8330N	2,6-DINITROTOLUENE	NO*
G241DAA	MW-241	09/24/2002	PROFILE	98.00	98.00	0.00	0.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G241DAA	MW-241	09/24/2002	PROFILE	98.00	98.00	0.00	0.00	8330N	2-NITROTOLUENE	NO
G241DAA	MW-241	09/24/2002	PROFILE	98.00	98.00	0.00	0.00	8330N	3-NITROTOLUENE	NO
G241DAA	MW-241	09/24/2002	PROFILE	98.00	98.00	0.00	0.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G241DAA	MW-241	09/24/2002	PROFILE	98.00	98.00	0.00	0.00	8330N	4-NITROTOLUENE	NO
G241DAA	MW-241	09/24/2002	PROFILE	98.00	98.00	0.00	0.00	8330N	NITROGLYCERIN	NO
G241DAA	MW-241	09/24/2002	PROFILE	98.00	98.00	0.00	0.00	8330N	PICRIC ACID	NO
G241DAA	MW-241	09/24/2002	PROFILE	98.00	98.00	0.00	0.00	OC21V	ACETONE	
G241DAA	MW-241	09/24/2002	PROFILE	98.00	98.00	0.00	0.00	OC21V	BENZENE	

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PDA/NO = Photo Diode Array, Detect Not Confirmed
* = Interference in sample

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/24/02 - 09/29/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G241DAA	MW-241	09/24/2002	PROFILE	98.00	98.00	0.00	0.00	OC21V	CHLOROMETHANE	
G241DAA	MW-241	09/24/2002	PROFILE	98.00	98.00	0.00	0.00	OC21V	ETHYLBENZENE	
G241DAA	MW-241	09/24/2002	PROFILE	98.00	98.00	0.00	0.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G241DAA	MW-241	09/24/2002	PROFILE	98.00	98.00	0.00	0.00	OC21V	TOLUENE	
G241DAA	MW-241	09/24/2002	PROFILE	98.00	98.00	0.00	0.00	OC21V	XYLENES, TOTAL	
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	8330N	1,3,5-TRINITROBENZENE	NO
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	8330N	1,3-DINITROBENZENE	NO
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	8330N	2,4,6-TRINITROTOLUENE	NO
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	8330N	2,6-DINITROTOLUENE	YES*
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	8330N	2-NITROTOLUENE	NO
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	8330N	3-NITROTOLUENE	NO
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	8330N	4-NITROTOLUENE	NO
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	8330N	NITROGLYCERIN	NO
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	8330N	PICRIC ACID	NO
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	OC21V	2-CHLOROETHYL VINYL ETHER	
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	OC21V	ACETONE	
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	OC21V	CHLOROETHANE	
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	OC21V	ETHYLBENZENE	
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	OC21V	VINYL ACETATE	
G241DBA	MW-241	09/24/2002	PROFILE	110.00	110.00	12.00	12.00	OC21V	XYLENES, TOTAL	
G241DCA	MW-241	09/25/2002	PROFILE	120.00	120.00	22.00	22.00	OC21V	ACETONE	
G241DEA	MW-241	09/25/2002	PROFILE	140.00	140.00	42.00	42.00	8330N	NITROGLYCERIN	NO
G241DEA	MW-241	09/25/2002	PROFILE	140.00	140.00	42.00	42.00	OC21V	CHLOROFORM	
G241DFA	MW-241	09/25/2002	PROFILE	150.00	150.00	52.00	52.00	8330N	NITROGLYCERIN	NO
G241DFA	MW-241	09/25/2002	PROFILE	150.00	150.00	52.00	52.00	OC21V	CHLOROFORM	
G241DGA	MW-241	09/25/2002	PROFILE	160.00	160.00	62.00	62.00	8330N	2,6-DINITROTOLUENE	YES*
G241DGA	MW-241	09/25/2002	PROFILE	160.00	160.00	62.00	62.00	8330N	4-NITROTOLUENE	NO
G241DGA	MW-241	09/25/2002	PROFILE	160.00	160.00	62.00	62.00	8330N	NITROGLYCERIN	NO

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PDA/NO = Photo Diode Array, Detect Not Confirmed
* = Interference in sample

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/24/02 - 09/29/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G241DGA	MW-241	09/25/2002	PROFILE	160.00	160.00	62.00	62.00	OC21V	ACETONE	
G241DGA	MW-241	09/25/2002	PROFILE	160.00	160.00	62.00	62.00	OC21V	CARBON DISULFIDE	
G241DGD	MW-241	09/25/2002	PROFILE	170.00	170.00	72.00	72.00	8330N	2,6-DINITROTOLUENE	YES*
G241DGD	MW-241	09/25/2002	PROFILE	170.00	170.00	72.00	72.00	8330N	NITROGLYCERIN	NO
G241DGD	MW-241	09/25/2002	PROFILE	170.00	170.00	72.00	72.00	OC21V	ACETONE	
G241DHA	MW-241	09/25/2002	PROFILE	170.00	170.00	72.00	72.00	OC21V	ACETONE	
G241DIA	MW-241	09/25/2002	PROFILE	180.00	180.00	92.00	92.00	8330N	1,3,5-TRINITROBENZENE	NO
G241DIA	MW-241	09/25/2002	PROFILE	180.00	180.00	92.00	92.00	8330N	1,3-DINITROBENZENE	NO
G241DIA	MW-241	09/25/2002	PROFILE	180.00	180.00	92.00	92.00	8330N	2,4-DIAMINO-6-NITROTOLUENE	YES*
G241DIA	MW-241	09/25/2002	PROFILE	180.00	180.00	92.00	92.00	8330N	2,6-DINITROTOLUENE	NO
G241DIA	MW-241	09/25/2002	PROFILE	180.00	180.00	92.00	92.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G241DIA	MW-241	09/25/2002	PROFILE	180.00	180.00	92.00	92.00	8330N	NITROGLYCERIN	NO
G241DIA	MW-241	09/25/2002	PROFILE	180.00	180.00	92.00	92.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	NO
G241DIA	MW-241	09/25/2002	PROFILE	180.00	180.00	92.00	92.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G241DIA	MW-241	09/25/2002	PROFILE	180.00	180.00	92.00	92.00	8330N	PICRIC ACID	NO
G241DIA	MW-241	09/25/2002	PROFILE	180.00	180.00	92.00	92.00	OC21V	ACETONE	
G241DIA	MW-241	09/25/2002	PROFILE	180.00	180.00	92.00	92.00	OC21V	BENZENE	
G241DIA	MW-241	09/25/2002	PROFILE	180.00	180.00	92.00	92.00	OC21V	CHLOROMETHANE	
G241DIA	MW-241	09/25/2002	PROFILE	180.00	180.00	92.00	92.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G241DJA	MW-241	09/26/2002	PROFILE	190.00	190.00	102.00	102.00	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G241DJA	MW-241	09/26/2002	PROFILE	190.00	190.00	102.00	102.00	8330N	3-NITROTOLUENE	YES*
G241DJA	MW-241	09/26/2002	PROFILE	190.00	190.00	102.00	102.00	8330N	PICRIC ACID	NO
G241DJA	MW-241	09/26/2002	PROFILE	190.00	190.00	102.00	102.00	OC21V	ACETONE	
G241DJA	MW-241	09/26/2002	PROFILE	190.00	190.00	102.00	102.00	OC21V	CHLOROMETHANE	
G241DLA	MW-241	09/26/2002	PROFILE	210.00	210.00	122.00	122.00	8330N	NITROGLYCERIN	NO
G241DLA	MW-241	09/26/2002	PROFILE	210.00	210.00	122.00	122.00	OC21V	ACETONE	
G241DMA	MW-241	09/26/2002	PROFILE	220.00	220.00	132.00	132.00	OC21V	ACETONE	
G241DMA	MW-241	09/26/2002	PROFILE	220.00	220.00	132.00	132.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G241DNA	MW-241	09/26/2002	PROFILE	230.00	230.00	142.00	142.00	8330N	1,3,5-TRINITROBENZENE	NO
G241DNA	MW-241	09/26/2002	PROFILE	230.00	230.00	142.00	142.00	8330N	2,6-DINITROTOLUENE	NO
G241DNA	MW-241	09/26/2002	PROFILE	230.00	230.00	142.00	142.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G241DNA	MW-241	09/26/2002	PROFILE	230.00	230.00	142.00	142.00	8330N	4-NITROTOLUENE	NO

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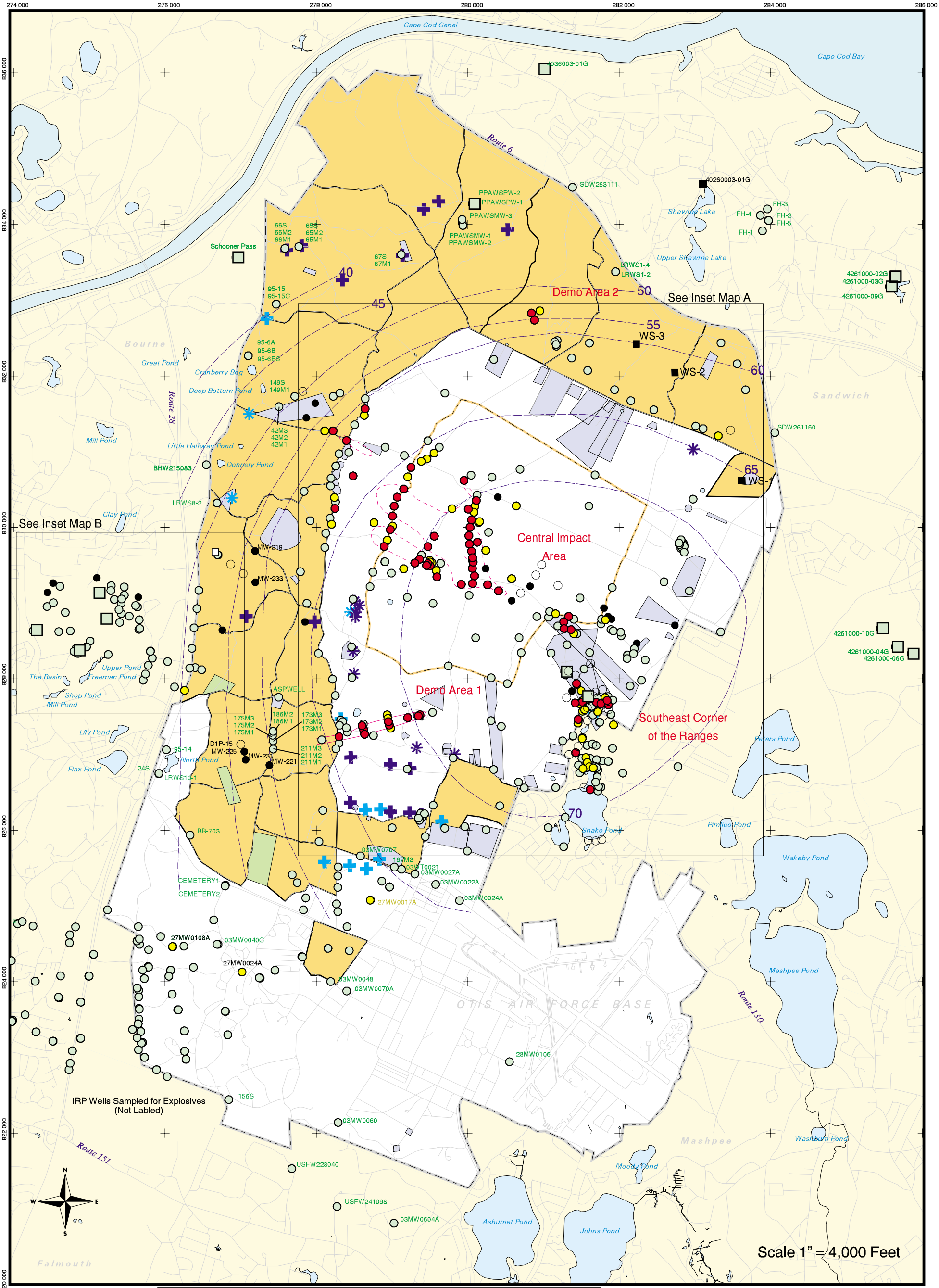
PDA/NO = Photo Diode Array, Detect Not Confirmed
* = Interference in sample

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 8/24/02 - 09/29/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G241DNA	MW-241	09/26/2002	PROFILE	230.00	230.00	142.00	142.00	8330N	NITROGLYCERIN	NO
G241DNA	MW-241	09/26/2002	PROFILE	230.00	230.00	142.00	142.00	8330N	PICRIC ACID	NO
G241DNA	MW-241	09/26/2002	PROFILE	230.00	230.00	142.00	142.00	OC21V	ACETONE	
LKSNK0005AAD	LKSNK0005	09/11/2002	SURFACE WATER					E314.0	PERCHLORATE	

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



LEGEND

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Combat Training Areas
- Military Training Areas
- Military Ranges
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Validated Non-Detect Water Supply Well
- Existing Supply Well No Data Available
- 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 October 01, 2002 DRAFT

IAGWSP Impact Area Groundwater Study Program

Figure 1

Explosives in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 9/20/02

d:\work\monthly\october2002\exp

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

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

Demo Area 2

Central Impact Area

CS-19

Demo Area 1

Southeast Corner of the Ranges

Gibbs Pond
Doughnut Pond
Round Swamp
Baileys Pond
Grassy Pond
Succonsette Pond
Opening Pond
J-3 Wetland
Bypass Bog
Snake Pond
Weeks Pond
Ox 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
Greenway Rd
Raccoon Ln
Arnold Rd
Rt 130
Snake Pond Rd

45 50 55 60 65 70

WS-1 WS-2 WS-3 RW-1 RW-3 LRMW0003 KP-2 CIAP-14 MW-206 MW-223 RANGECON MW-216 MW-222 MW-224 MW-227 MW-228 MW-229 MW-230 MW-232 MW-234 MW-235 MW-236 MW-237 MW-238 MW-239 MW-215 LRWS4-1 LRWS5-1 LRWS6-1 LRWS7-1 SMR-2 SMR-3 SMR-4 LP-10 TEXTRONPW-1 TEXTRONPW-2 USCGANTST USBH027072 4261000-05G

Scale 1" = 1,200 Feet

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

amec October 01, 2002 DRAFT

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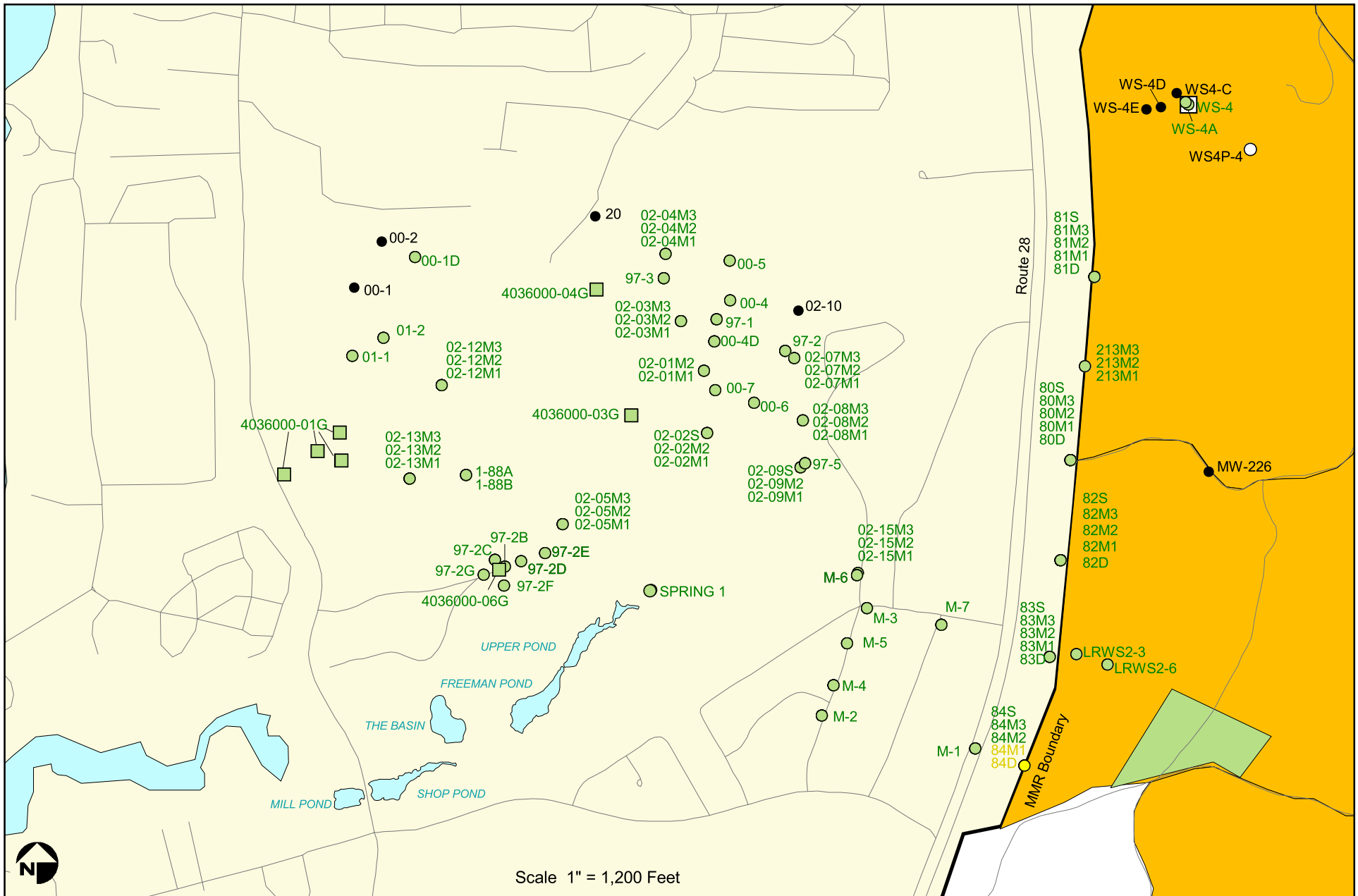
LEGEND

- 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)
- 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
- Existing Supply Well No Data Available

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 9/20/02



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

amec October 3, 2002 DRAFT

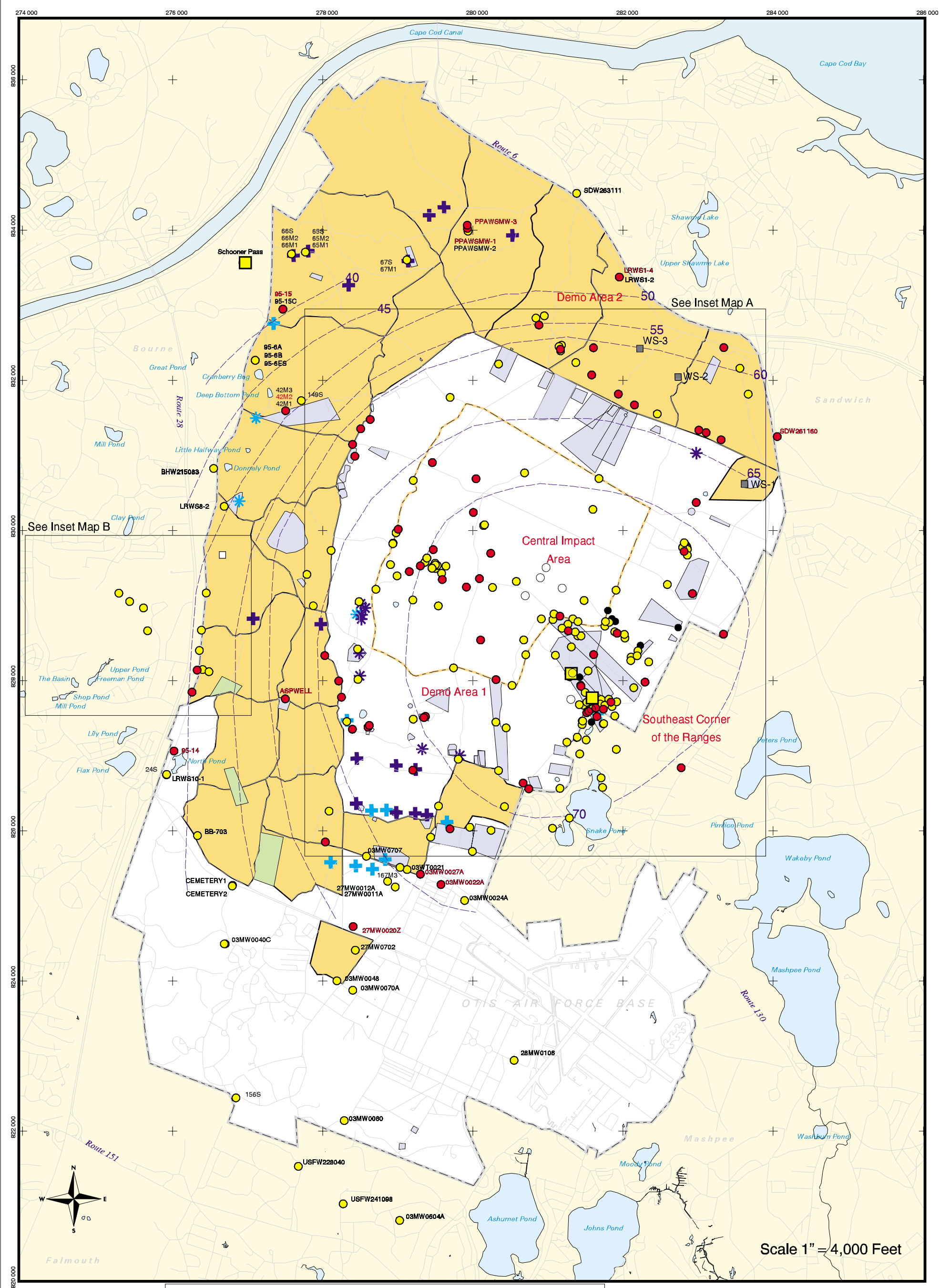
J:\GIS\October2002\monthly_inset_1.pdf
G:\MMR\MMR\ArcVprj\monthly_inset.apr

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

IAGWSP Impact Area Groundwater Study Program

Figure 1 - INSET MAP B

Explosives in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 9/20/02



LEGEND

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Combat Training Areas
- Military Training Areas
- Military Ranges
- Water Table Contour (feet above mean sea level)
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Validated Non-Detect Water Supply Well
- Existing Supply Well No Data Available
- 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 October 02, 2002 DRAFT

IAGWSP Impact Area Groundwater Study Program

Figure 2

Metals in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 9/20/02

d:\work\monthly\october2002\metals

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

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

Demo Area 2

Central Impact Area

Demo Area 1

Southeast Corner of the Ranges

Doughnut Pond

Gibbs Pond

Round Swamp

Baileys Pond

Grassy Pond

Succonsette Pond

Opening Pond

Ox Pond

Peters Pond

Snake Pond

Weeks Pond

Pimlico Pond

Bypass Bog

J-3 Wetland

Burgoyne Rd

Gibbs Rd

Spruce Swamp Rd

Jefferson Rd

Pocasset Sandwich Rd

Wood Rd

Barlow Rd

Greenway Rd

Tank Alley

Turpentine Rd

Wheelock Rd

Pocasset Forestdale Rd

Raccoon Ln

Arnold Rd

Rt 130

Snake Pond Rd

45 50 55 60 65 70

WS-1 WS-2 WS-3

RW-1 RW-2 RW-3

RANGECON

SMR-2 SMR-3 SMR-4

TEXTRONPW-1 TEXTRONPW-2

SP3-91 SP4-91

LRMW0003 LRWS1-1 LRWS2-1 LRWS3-1 LRWS4-1 LRWS5-1 LRWS7-1 LRWS8-1

11MW0001 11MW0002 11MW0003 11MW0004

15MW0001 15MW0002 15MW0004 15MW0005 15MW0006 15MW0007 15MW0008 15MW0009

15WT0007 15WT0711 15WT0712

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

90LWA0007 90MW0003 90MW0005 90MW0008 90MW0013 90MW0014 90MW0018 90MW0019 90MW0021 90MW0022 90MW0029B 90MW0031 90MW0038 90MW0054 90WT0003 90WT0005 90WT0008 90WT0010 90WT0013 90WT0015

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

ECMWSNP02D ECMWSNP02S ECMWSNP03D ECMWSNP03S

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

MW-227 MW-228 MW-229 MW-230 MW-234 MW-237 MW-239 MW-215

Scale 1" = 1,200 Feet

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

amec October 02, 2002 DRAFT

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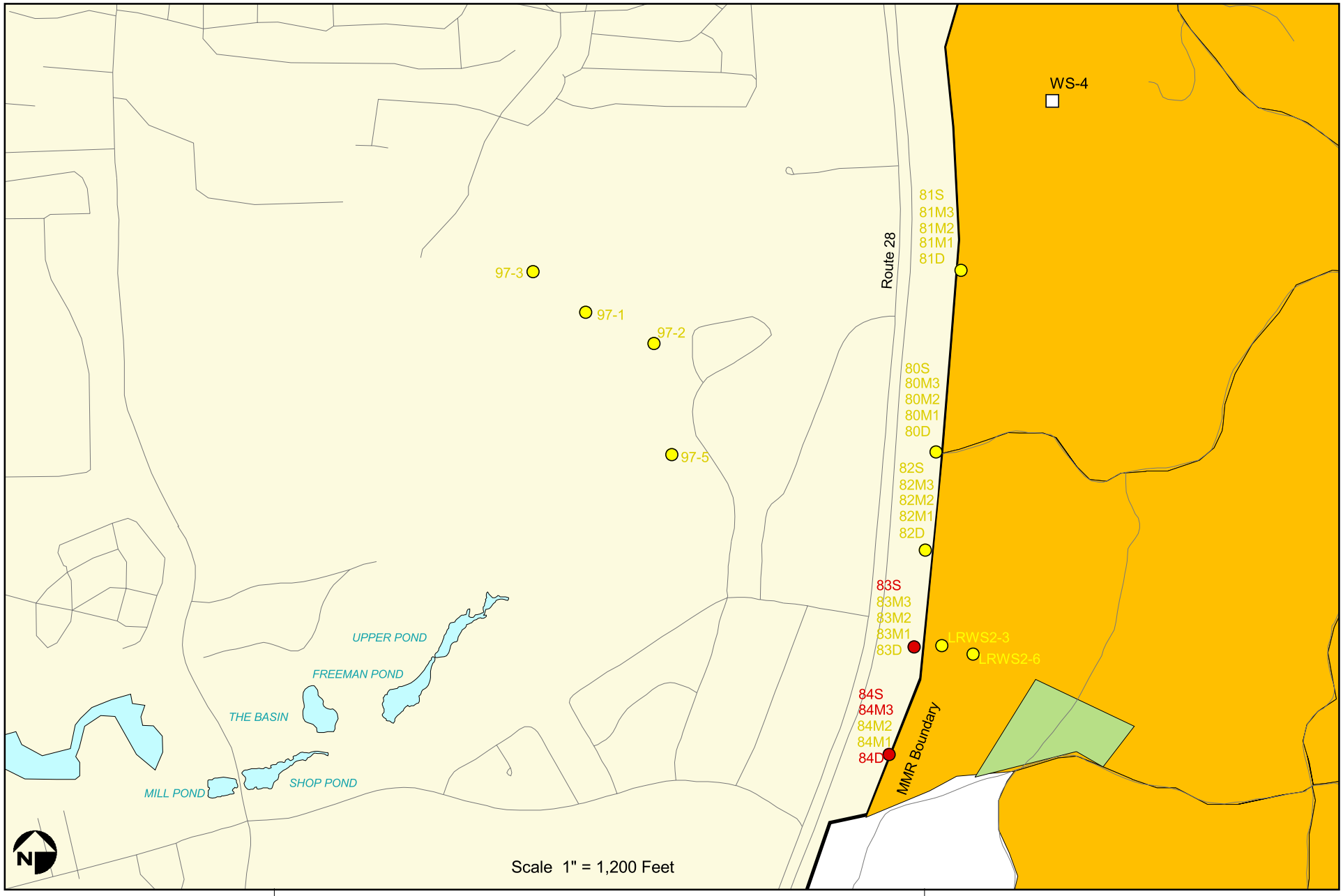
LEGEND

- 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
- Existing Supply Well No Data Available
- Validated Detection less than Maximum Contaminant Level/Health Advisories Water Supply Well

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 9/20/02



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

amec

October 3, 2002 DRAFT

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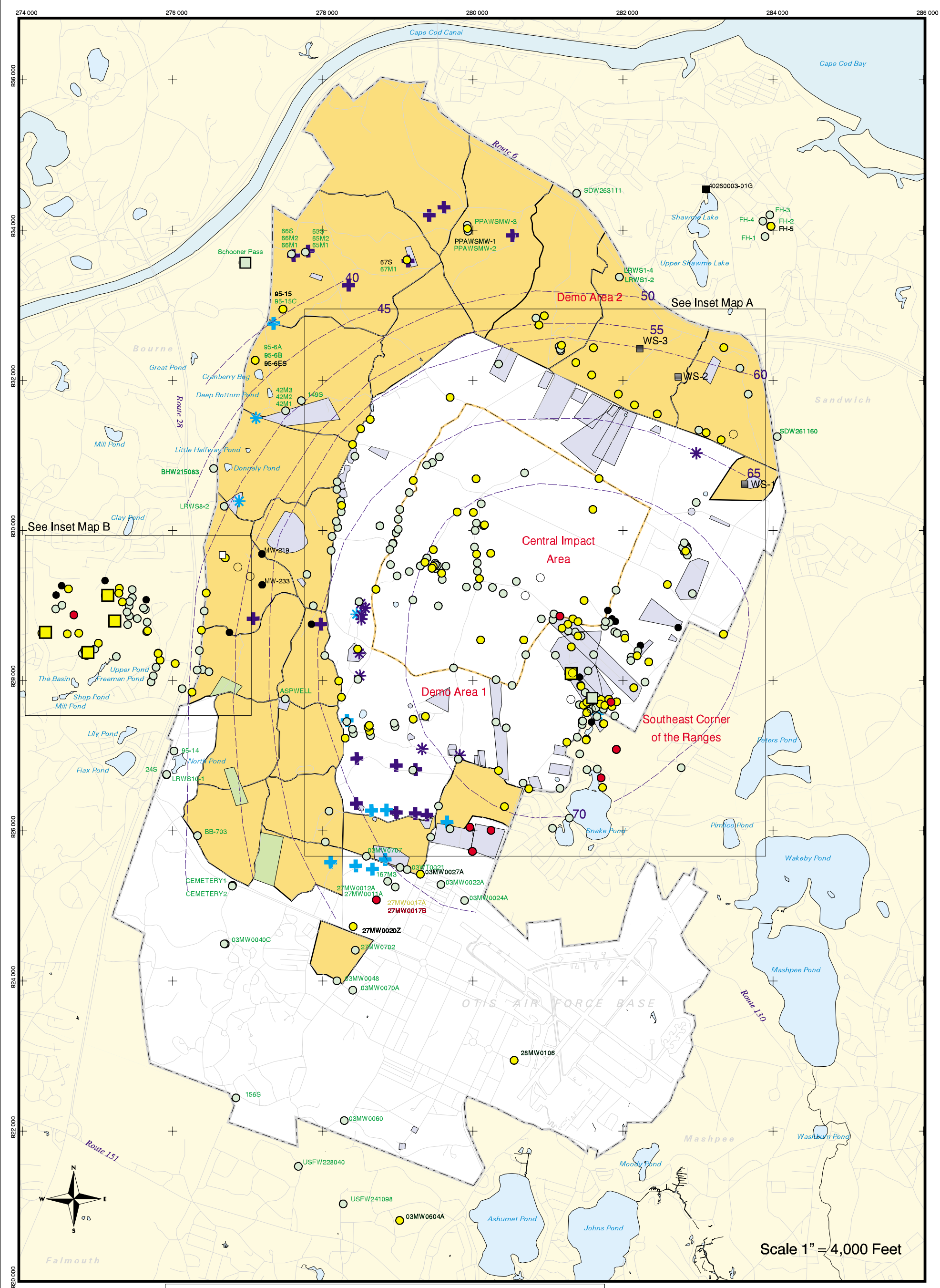
- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Validated Non-Detect Water Supply Well
- Future Supply Well
- Combat Training Areas
- MilitaryTraining Areas

IAGWSP

Figure 2 - INSET MAP B

Metals in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 9/20/02



LEGEND

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Combat Training Areas
- Military Training Areas
- Military Ranges
- Water Table Contour (feet above mean sea level)
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Validated Non-Detect Water Supply Well
- Existing Supply Well No Data Available
- 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 October 02, 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 9/20/02

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

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

Demo Area 2

Central Impact Area

Demo Area 1

Southeast Corner of the Ranges

45 50 55 60 65 70

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

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

WS-1 WS-2 WS-3
RW-1 RW-3
LRMW0003
KP-2
RANGECON
MW-216
SMR-2 SMR-3 SMR-4
LRWS1-1 LRWS4-1 LRWS5-1 LRWS6-1 LRWS7-1
MW-215 MW-228 MW-229 MW-230 MW-234 MW-237 MW-239
TEXTRONPW-1 TEXTRONPW-2
J1P-1 J1P-16 J1P-17 J1P-18
J3P-10 J3P-23 J3P-31
SP3-91 SP4-91

10S 10M1 10D
16S 16D
160S 161S
11MW0002 11MW0003 11MW0004 11MW0001
17S 17M3 17M2 17M1 17D
53S 53M3 53M2 53M1 53D
52S 52M3 52M2 52M1 52D
54S 54M3 54M2 54M1 54D
55S 55M3 55M2 55M1 55D
63S 63M3 63M2 63M1 63D
48S 48M3 48M2 48M1 48D
49S 49M3 49M2 49M1 49D
18S 18M2 18M1 18D
62S
50S 50M3 50M2 50M1 50D
51S 51M3 51M2 51M1 51D
23S 23M3 23M2 23M1 23D
72S
41M3 41M2 41M1
96S 96M2 96M1
97M3 97M2 97M1
03S 03M2 03M1 03D
04S
11S
43S 43M2 43M1
95S 95M2 95M1
103M1 102M2 102M1
108M4 108M3 108M2 108M1 108D
110M3 110M2 110M1
201M3 201M2 201M1
200M2 200M1
135M3 135M2 135M1
177M2 177M1
22S
174S
113M2 113M1
02S 02M2 02M1 02D
141S 141M2
59S 59M2 59M1
98S 99S 26S
101S 101M1
93M2 93M1
44S 44M2 44M1
91S 91M1
90S 01S 01M2 01M1 01D
37M3 37M2 37M1
85S 85M1
40S 40M1
27S
107M2 107M1
12S
192M3 192M2 192M1
187S 187M1 187D
164M3 164M2 164M1
188S 188M1
166M3 166M2 166M1
168M3 168M2 168M1
191S 191M2 191M1
136S 136M1
189S
58S
152M2 152M1
SMR-4
14S
61S
28S 28M2 28M1
05S 05M2 05M1 05D
87M3 87M2 87M1
88M2 88M1
58MW0020A 58MW0020B
39S 39M2 39M1
58MW0018A 58MW0018B 58MW0018C
58MW0007C 58MW0007B 58MW0007E
111M3 111M2 111M1
38S 38M4 38M3 38M2 38M1 38D
58MW0017A 58MW0017B 58MW0017C
58MW0009C 58MW0009E 58MW0010A 58MW0010B
58MW0011D 58MW0011E
58MW0002 58MW0016A 58MW0016B 58MW0016C
58MW0003 58MW0015A 58MW0015B 58MW0004 58MW0005E
58MW0001 58MW0006E
58MW0008E
09S 94S 94M2 94M1
25S
15S 15M3 15M2 15M1 15D
104S 104M2 104M1
08S
71S 71M1
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MW-216
21S 21M3 21M2 21M1 21D
70S 70M1
46S 46M3 46M2 46M1 46D
47S 47M3 47M2 47M1 47D
69S 69M2 69M1
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34M3 34M2 34M1
36S 36M2 36M1
139M3 139M2 139M1
35S 35M2 35M1
165M2
114M2 114M1
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77M2 77M1
76S 76M2 76M1
31S
19S 19D
64S 64M2 64M1
68S 68M1
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03MW0014A
03MW0006
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217M3 217M2 217M1
57S 57M3 57M2 57M1 57D
130S 130M1 130D
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198M3 198M2 198M1
144S 144M2 144M1
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145S 145M1
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142S 142M2 142M1
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153M3 153M2 153M1
131S 131M2 131M1
45S 45M2 45M1
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SR-990
SR-991
SR-992
SR-993
SR-994
SR-995
SR-996
SR-997
SR-998
SR-999
SR-1000

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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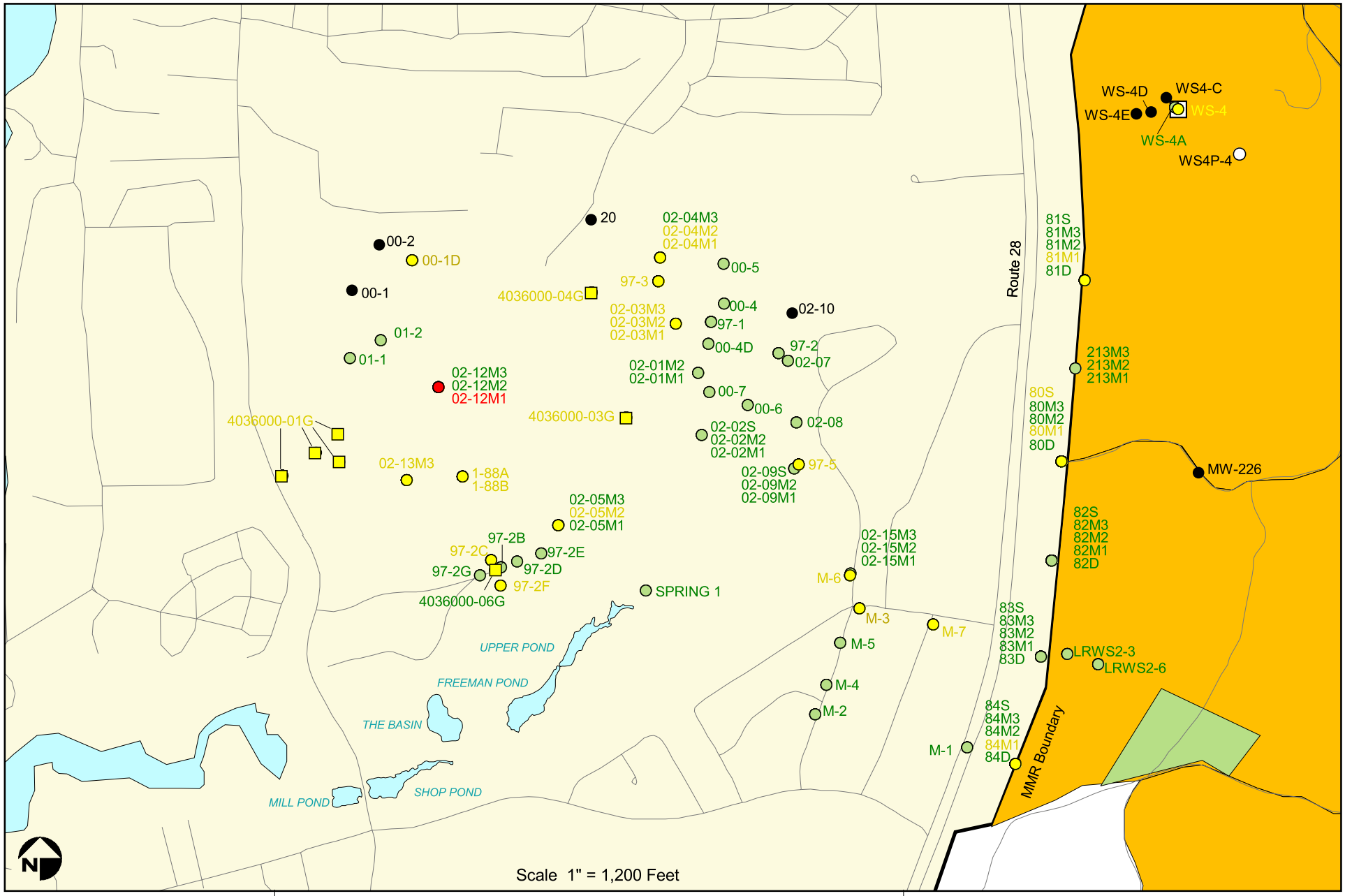
LEGEND

- 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
- Validated Detection less than Maximum Contaminant Level/Health Advisories Water Supply Well

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 9/20/02



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

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October 3, 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

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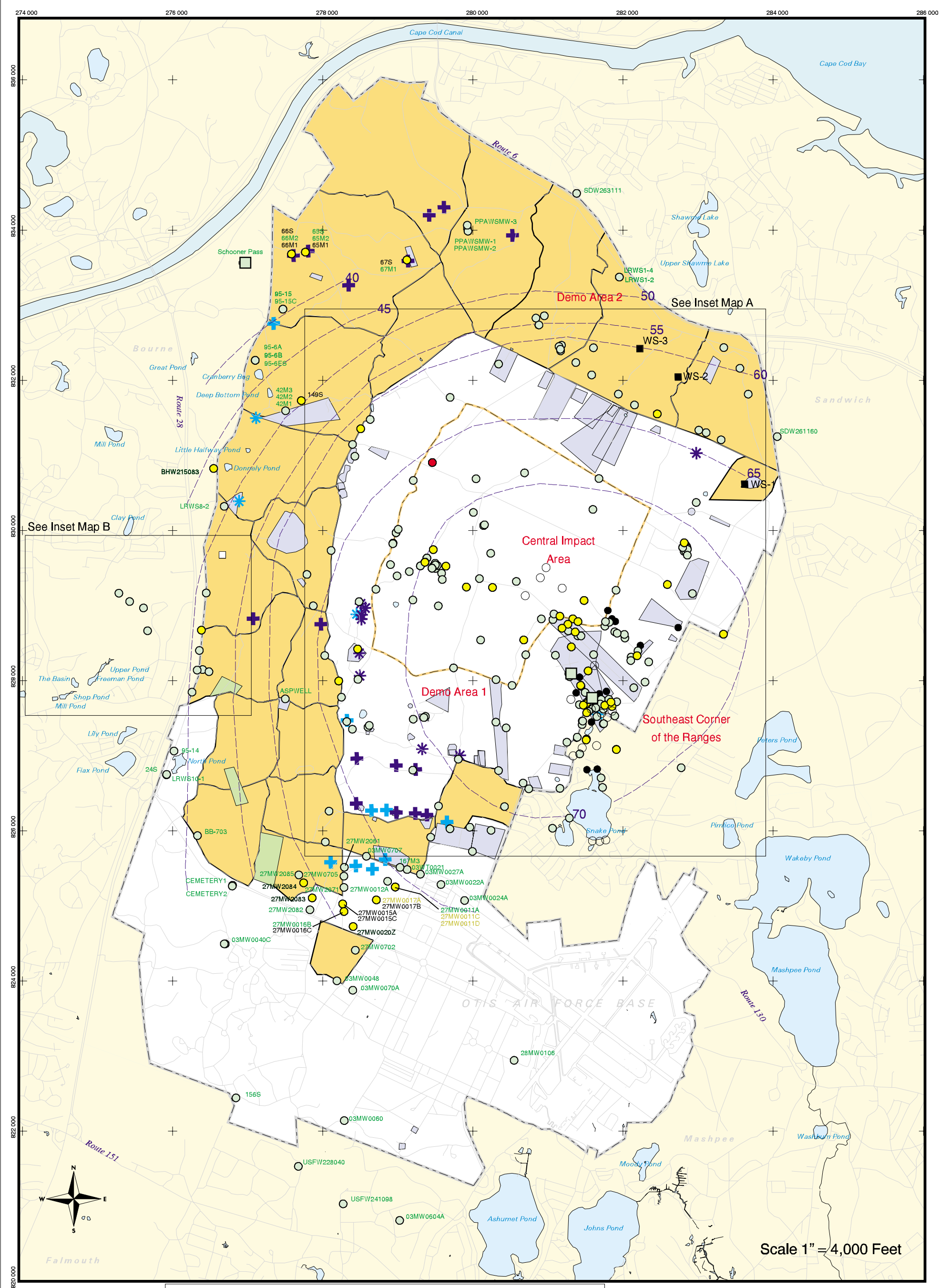
Figure 3 - INSET MAP B

Volatile Organic Compounds (excluding Chloroform) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 9/20/02



LEGEND

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Combat Training Areas
- Military Training Areas
- Military Ranges
- Water Table Contour (feet above mean sea level)
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Validated Non-Detect Water Supply Well
- 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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Figure 5

Semi-Volatile Organic Compounds (excluding BEHP) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 9/20/02

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

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

Demo Area 2

Central Impact Area

Demo Area 1

Southeast Corner of the Ranges

45 50 55 60 65 70

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

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

WS-1 WS-2 WS-3
RW-1 RW-3
RANGECON
SMR-2 SMR-3 SMR-4
LP-10
TEXTRONPW-1 TEXTRONPW-2

160S 161S 16S 16D
11MW0002 11MW0003 11MW0004 11MW0001
LRMW0003
17S 17M3 17M2 17M1 17D
53S 53M3 53M2 53M1 53D
52S 52M3 52M2 52M1 52D
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54S 54M3 54M2 54M1 54D
55S 55M3 55M2 55M1 55D
63S 63M3 63M2 63M1 63D
48S 48M3 48M2 48M1 48D
49S 49M3 49M2 49M1 49D
18S 18M2 18M1 18D
10S 10M1 10D
50S 50M3 50M2 50M1 50D
51S 51M3 51M2 51M1 51D
23S 23M3 23M2 23M1 23D
72S
41M3 41M2 41M1
43S 43M2 43M1
03S 03M2 03M1 03D
04S
11S
62S 02M2 02M1 02D
05S 05M2 05M1 05D
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26S
39S 39M2 39M1
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58MW0007C 58MW0007B 58MW0007E
58MW0017A 58MW0017B 58MW0017C
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58MW0003 58MW0015A 58MW0015B 58MW0004 58MW0005E
58MW0008E
58MW0011D 58MW0011E
58MW0002 58MW0001 58MW0016A 58MW0016B 58MW0016C 58MW0006E
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25S
37M3 37M2 37M1
22S
174S
15S 15D
104S 104M2 104M1
08S
01S 01M2 01M1 01D
40S 40M1
27S
J1P-16 J1P-18 J1P-17 J1P-1
15WT0712 15MW0006 15MW0001 15WT0007 15MW0009 15MW0005 15WT0711
15MW0008 15MW0007 15MW0004 15MW0002
170M3 170M2 170M1
LRWS5-1
12S
192M3 192M2 192M1
MW-229
187S 187M1 187D
164M3 164M2 164M1
188S 188M1
06S
118M2 118M1
126S 126M1
166M3 166M2 166M1
168M3 168M2 168M1
191S 191M2 191M1
58S
29S
MW-234 MW-230
130S 130M1 130D
119S
117S
137S
120S 120M1
SMR-2
MW-215
57S 57M3 57M2 57M1 57D
MW-228
116S
121S
154S 154M1
122S
158S 158M2 158M1
152M2 152M1
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13S 13D
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127S
SMR-4
128S 128M2 128M1
LP-10
MW-237
125S 125M1
163S
132S 132M1
193S 193M1
196S 196M1
MW-232
MW-238
MW-236
90LWS007
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153M3 153M2 153M1
131S 131M2 131M1
LRWS7-1
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J3P-31
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20S
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195S
198M3 198M2 198M1
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90WT0013
90WT0015
LP-5
LP-7
140M1
144S 144M2 144M1
90MW0013 90MW0021 90MW0014
J3P-10
LP-6
143M3 143M2 143M1
145S 145M1
148S 148M1
90MW0038
90MW0031
90MW0019
90MW0022
MW-239
142S 142M2 142M1
90WT0005
MW-227
90MW0004
155M2 155M1
157M2 157M1 157D
J3P-20
J3P-19
90MW0003 90MW0005
J3P-22
90MW0054
90WT0010
MW-217 MW-218
ECMWSNP02S ECMWSNP02D
ECMWSNP03S ECMWSNP03D
LRWS6-1
90WT0008
56S 56M3 56M2 56M1 56D
03MW0122A
03MW0710
03MW0007A
03MW0006
03MW0014A
03MW0709
03MW0020
SP3-91
SP4-91
J3P-28 J3P-29 J3P-30
151S
150S
21S 21M3 21M2 21M1 21D
70S 70M1
46S 46M3 46M2 46M1 46D
69S 69M2 69M1
47S 47M3 47M2 47M1 47D
20S
34M3 34M2 34M1
36S 36M2 36M1
35S 35M2 35M1
31S
73S
19S 19D
60S
109S
64S 64M2 64M1
68S 68M1
90WT0711

N W E S

Scale 1" = 1,200 Feet

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

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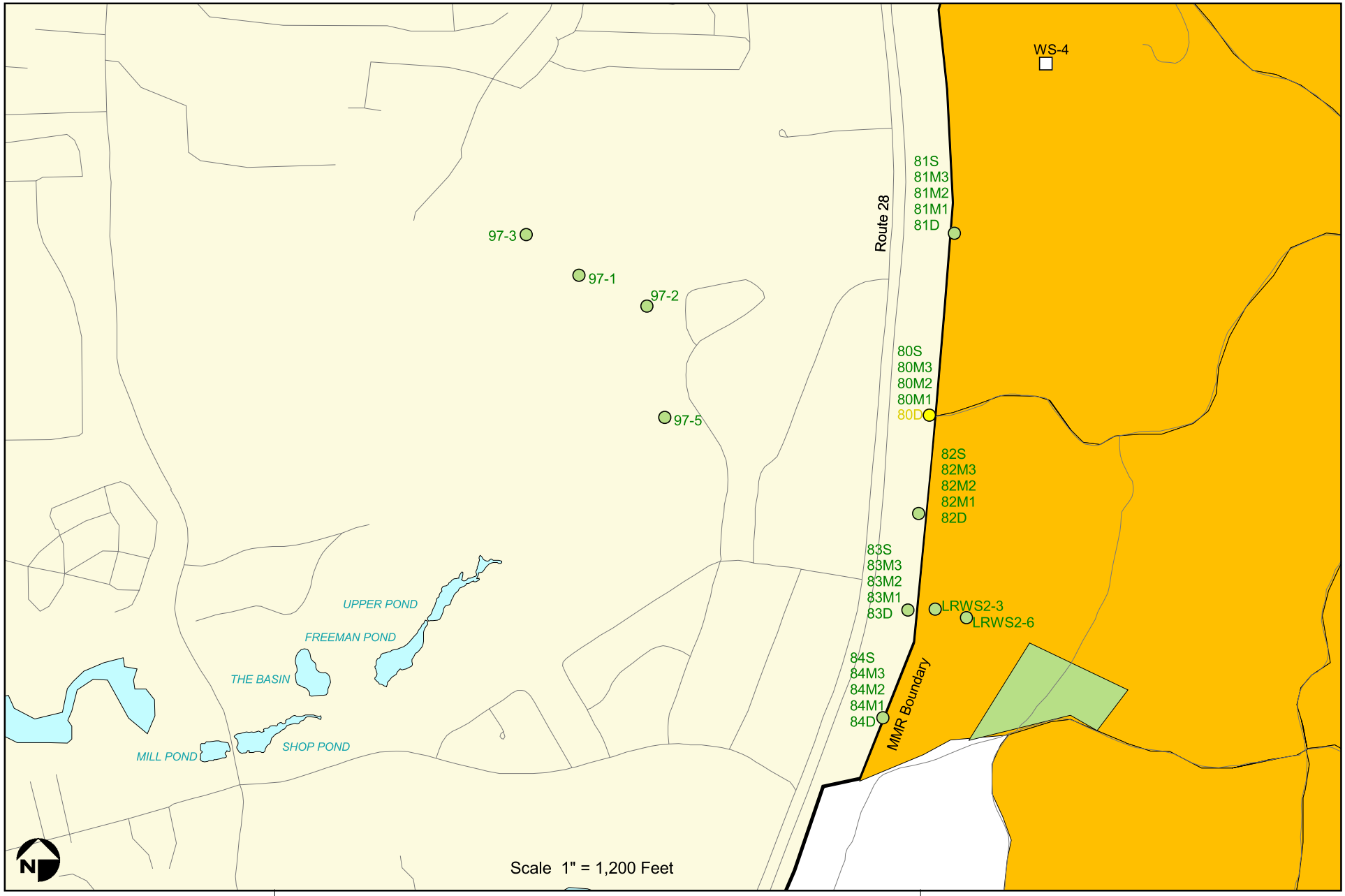
LEGEND

- 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 9/20/02



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

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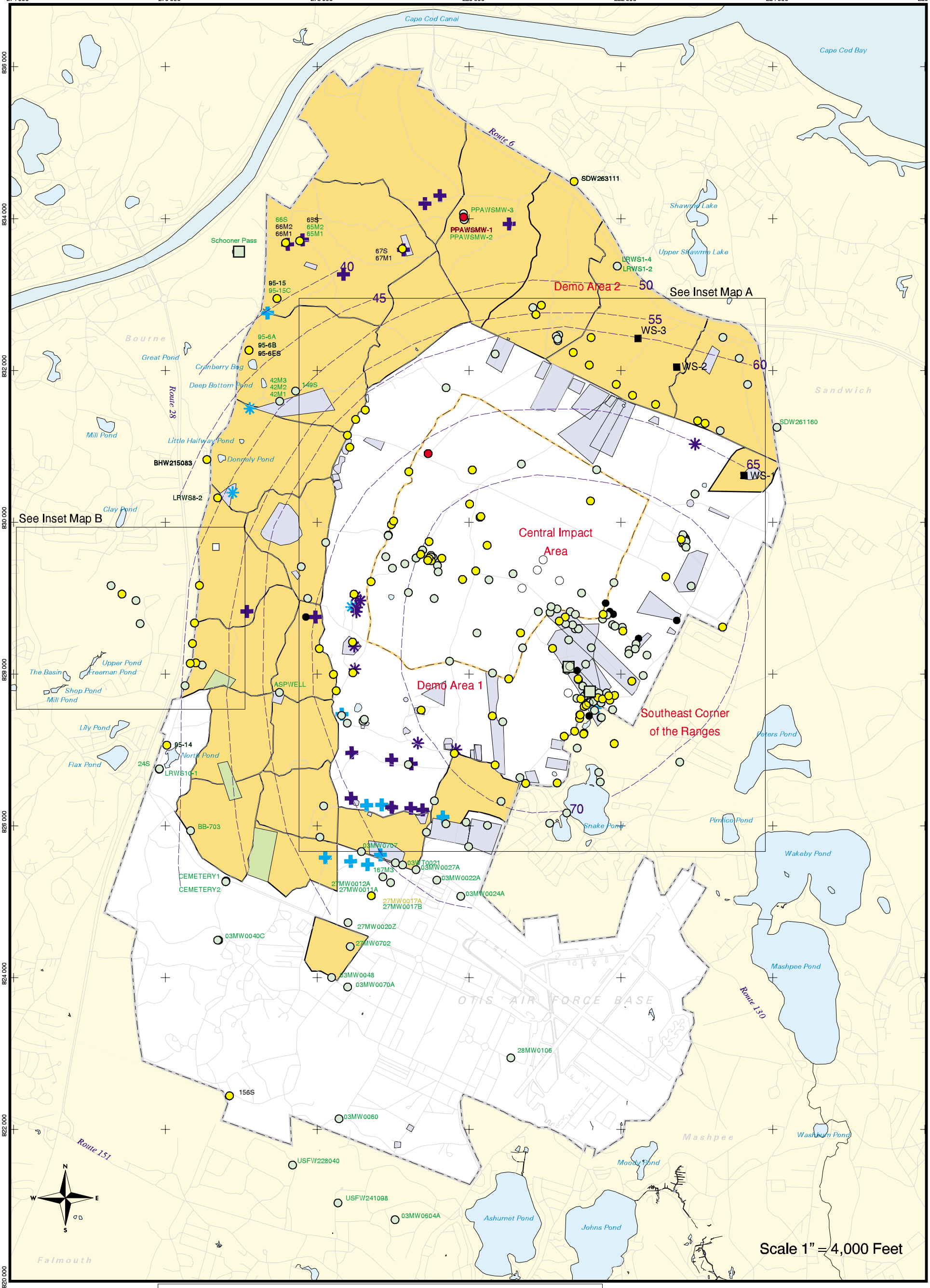
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Validated Non-Detect Water Supply Well
- Future Supply Well
- Combat Training Areas
- MilitaryTraining Areas

IAGWSP Impact Area Groundwater Study Program

Figure 5 - INSET MAP B

Semi-Volatile Organic Compounds (excluding BEHP) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 9/20/02



LEGEND

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Combat Training Areas
- Military Training Areas
- Military Ranges
- Water Table Contour (feet above mean sea level)
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Validated Non-Detect Water Supply Well
- 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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Figure 7

Herbicides and Pesticides in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 9/20/02

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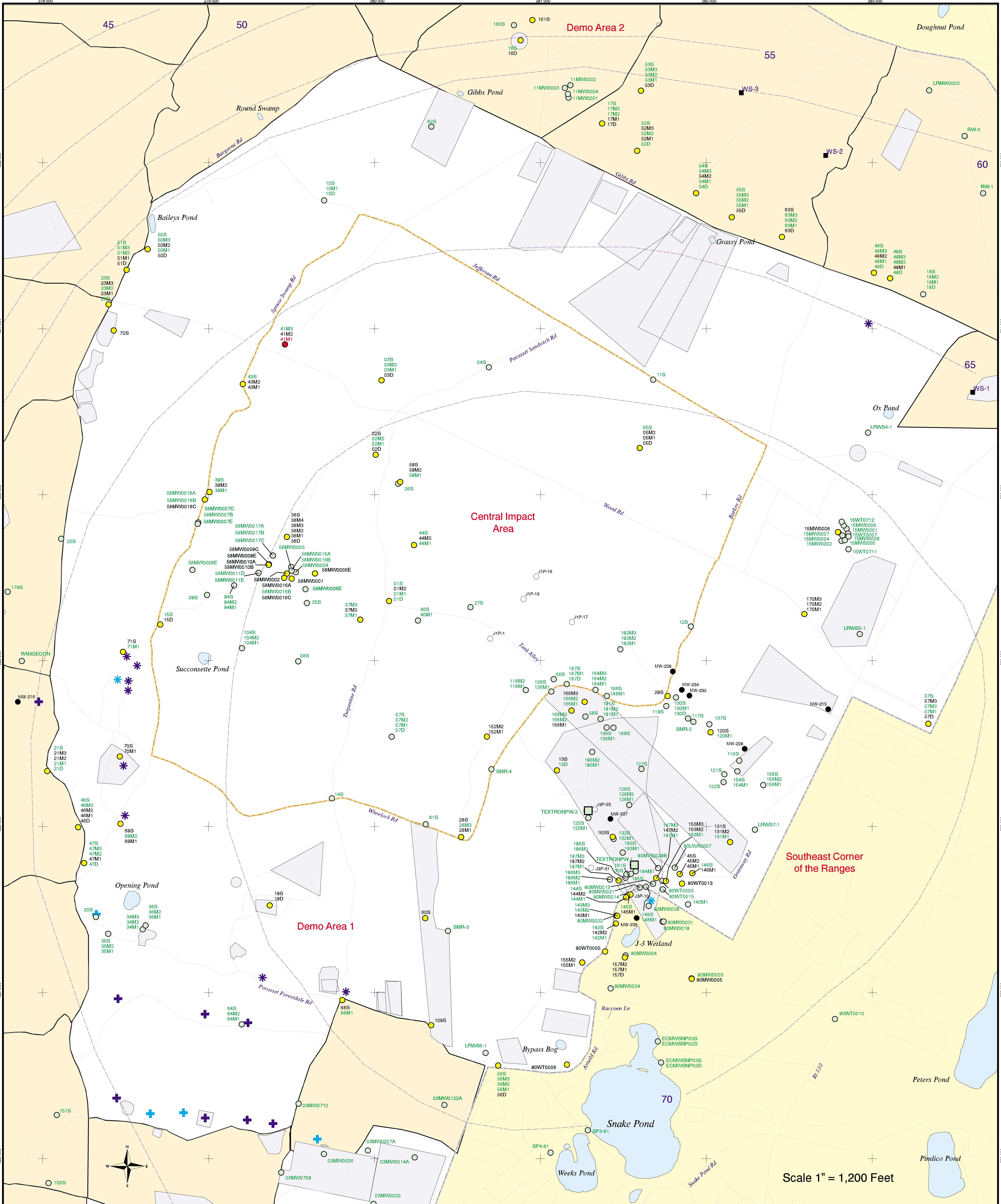

Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

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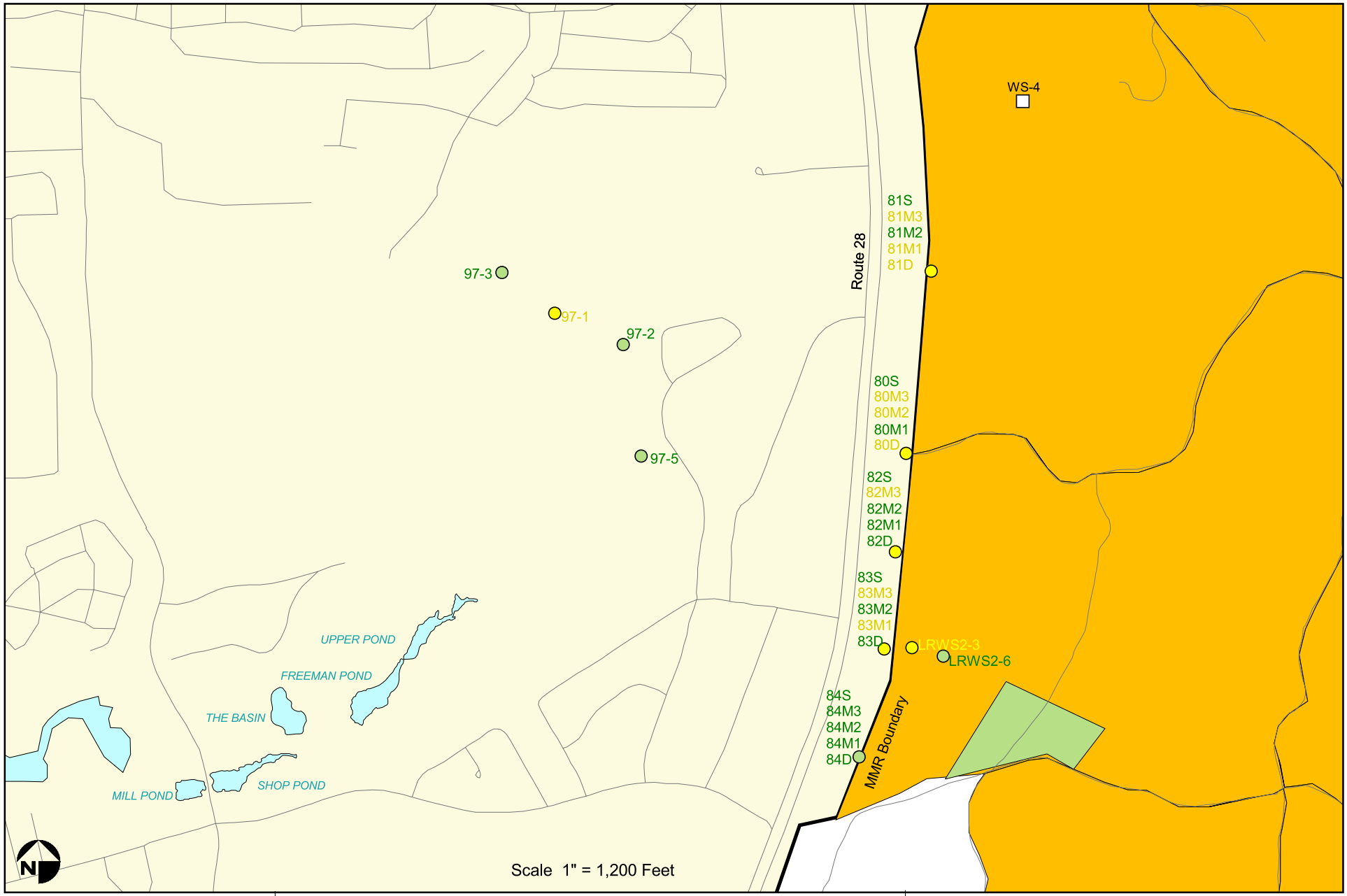
LEGEND

- 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 7 - INSET MAP A

Herbicides and Pesticides in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 9/20/02



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

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October 3, 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
- Combat Training Areas
- MilitaryTraining Areas

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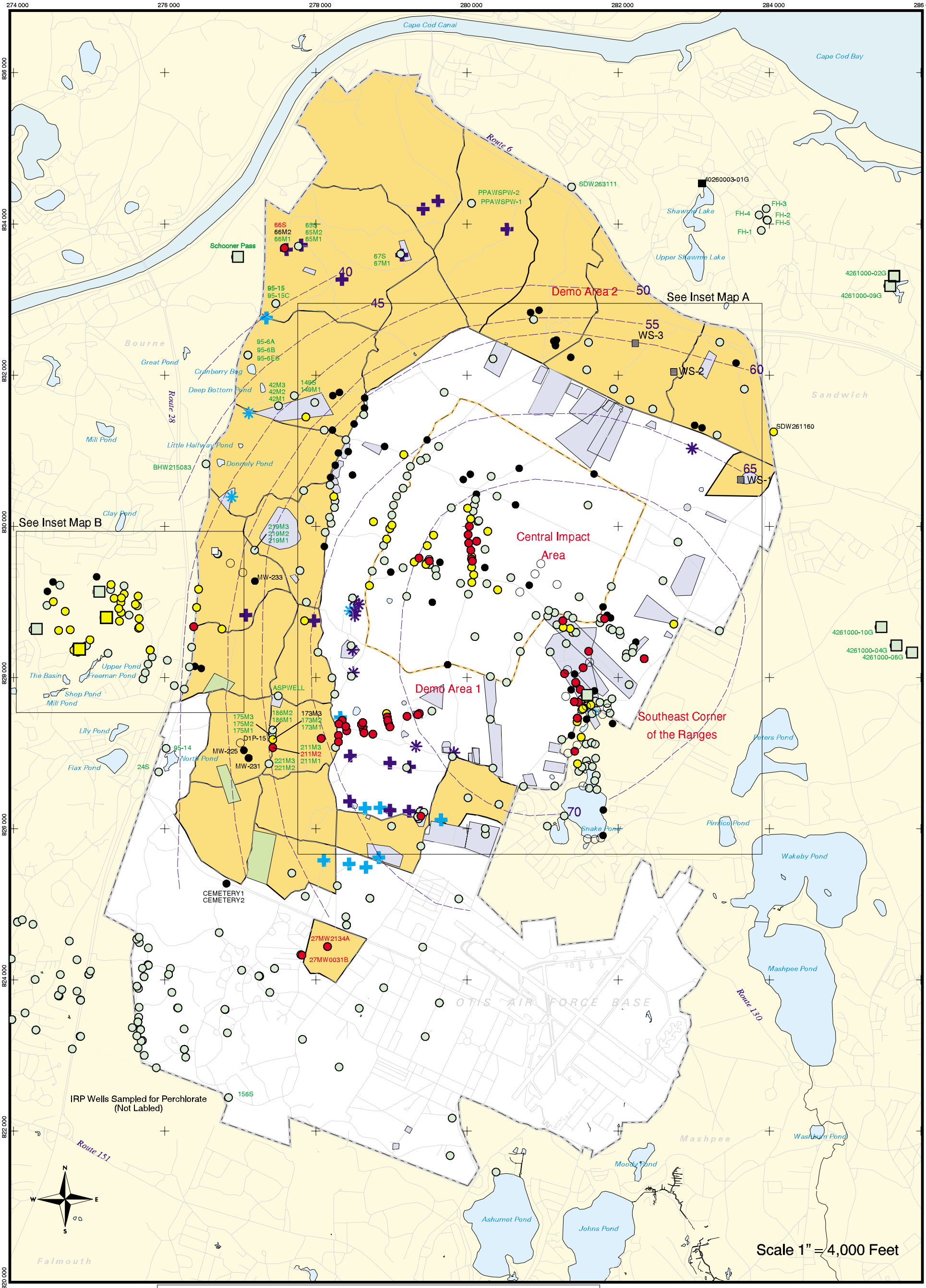
Figure 7 - INSET MAP B

Herbicides and Pesticides in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 9/20/02



LEGEND

- Validated Detection Greater than or Equal to EPA MMR Relevant Standard
- Validated Detection Less than EPA MMR Relevant Standard
- Validated Non-detect
- No Data Available
- Proposed Well
- Combat Training Areas
- Military Training Areas
- Military Ranges
- Water Table Contour (feet above mean sea level)
- Validated Detection Less than EPA MMR Relevant Standard, Water Supply Well
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Validated Non-Detect Water Supply Well
- 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 9/20/02

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

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

Demo Area 2

Central Impact Area

Demo Area 1

Southeast Corner of the Ranges

45 50 55 60 65 70

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

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

MW-160 MW-161 16S
11MW0002 11MW0003 11MW0004 11MW0001
53M2 53M1
WS-3
LRMW0003
MW-17
62S
52M3 52M2
WS-2
RW-3
RW-1
54S 54M3 54M2 54M1 54D
55S 55M3 55M2 55M1 55D
63S 63M3 63M2 63M1 63D
MW-48 MW-49 18M2 18M1 18D
10S 10M1 10D
MW-212 MW-133 206S 206M1
MW-202
MW-178
223M1 223D
50M3 50M1
MW-51
176M2 MW-207
29M1
MW-208
MW-124 MW-72
MW-123
MW-209
MW-103
102S 102M2 102M1
183M2 183M1
108M4 108M3 108M2 108M1 108D
110M3 110M2 110M1
200M2 200M1
201M3 201M2 201M1
135M3 135M2 135M1
182M2 182M1
177M2 177M1
MW-22
174S
180M3 180M2 180M1
MW-203
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41M2 41M1
86S 86M2 86M1
97M3 97M2 97M1
43M2
95M2 95M1
89M3 89M2 89M1
88M3 88M2 88M1
87M3 87M2 87M1
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39S 39M2 39M1
58MW0018A 58MW0018B 58MW0018C
58MW0007C 58MW0007B
111M3 111M2 111M1
184M2 184M1
38M4 38M3 38M2 38M1 38D
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58MW0009C 58MW0009E
58MW0015A 58MW0015B
58MW0005E
58MW0011D 58MW0011E
58MW0002
58MW0016A 58MW0016B 58MW0016C
58MW0001
58MW0006E
25S
MW-9
94M2 94M1
138M3 138M2 138M1
134S 134M2 134M1
15M3 15M2 15M1 15D
104S 104M2 104M1
MW-8
RANGECON
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216S 216M2 216M1
70S 70M1
21M3 21M2 21M1 21D
46S 46M3 46M2 46M1 46D
69S 69M2 69M1
47M3 47M2 47M1 47D
MW-14
61S
28S 28M2 28M1
MW-3
MW-204
159S 159M1
MW-4
MW-179
113M2 113M1
222M1
62S 02M2 02M1 02D
112M2 112M1
92M1
141S 141M1
MW-205
98S 98M1
59S 59M2 59M1
99S 99M1
26S
100M2 100M1
106M2 106M1
101S 101M1
105M2 105M1
93M2 93M1
44S 44M2 44M1
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91S 91M1
90S 90M1
MW-235
01S 01M2
85S 85M1
37M3
40M1
107M2 107M1
27S
MW-220
J1P-16 J1P-18 J1P-17 J1P-1
MW-224
115S 115M1
07S 07M2 07M1 07D
152M2 152M1
SMR-4
MW-11
05S 05M2 05M1 05D
MW-205
12S
192M3 192M2 192M1
170M3 170M2 170M1
USCGANTST
MW-229
MW-234 MW-230
29S
130S 130M1 130D
119S
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SMR-2
120S 120M1
MW-228
116S
121S
122S
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MW-238
TEXTRONPW-1
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LP-5
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LP-6
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148S 148M1
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MW-227
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90PZ0208
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169M2 169M1
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03MW0122A
215S 215M2 215M1
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SMR-2
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SP4-91M SP4-91D
90MW104A
J3P-28 J3P-30 J3P-29
68S
109S
60S
64S 64M2 64M1
73S
19S 19D
79S 79M2 79M1
31S 31M1 31D
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75S 75M2 75M1
76S 76M2 76M1
77S 77M2 77M1
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165M3 165M2 165M1
172M3 172M2 172M1
210M3 210M2 210M1
214M3 214M2 214M1
33S 33M 33D
32S 32M 32D
34M3 34M2 34M1
36S 36M3 36M2 36M1
16MW0003 16MW0004 16MW0002 16MW0001 16MW0005A 16MW0005B
USBH027072
03UW0025B
03MW0008
27MW0010
LAGWSP Impact Area Groundwater Study Program

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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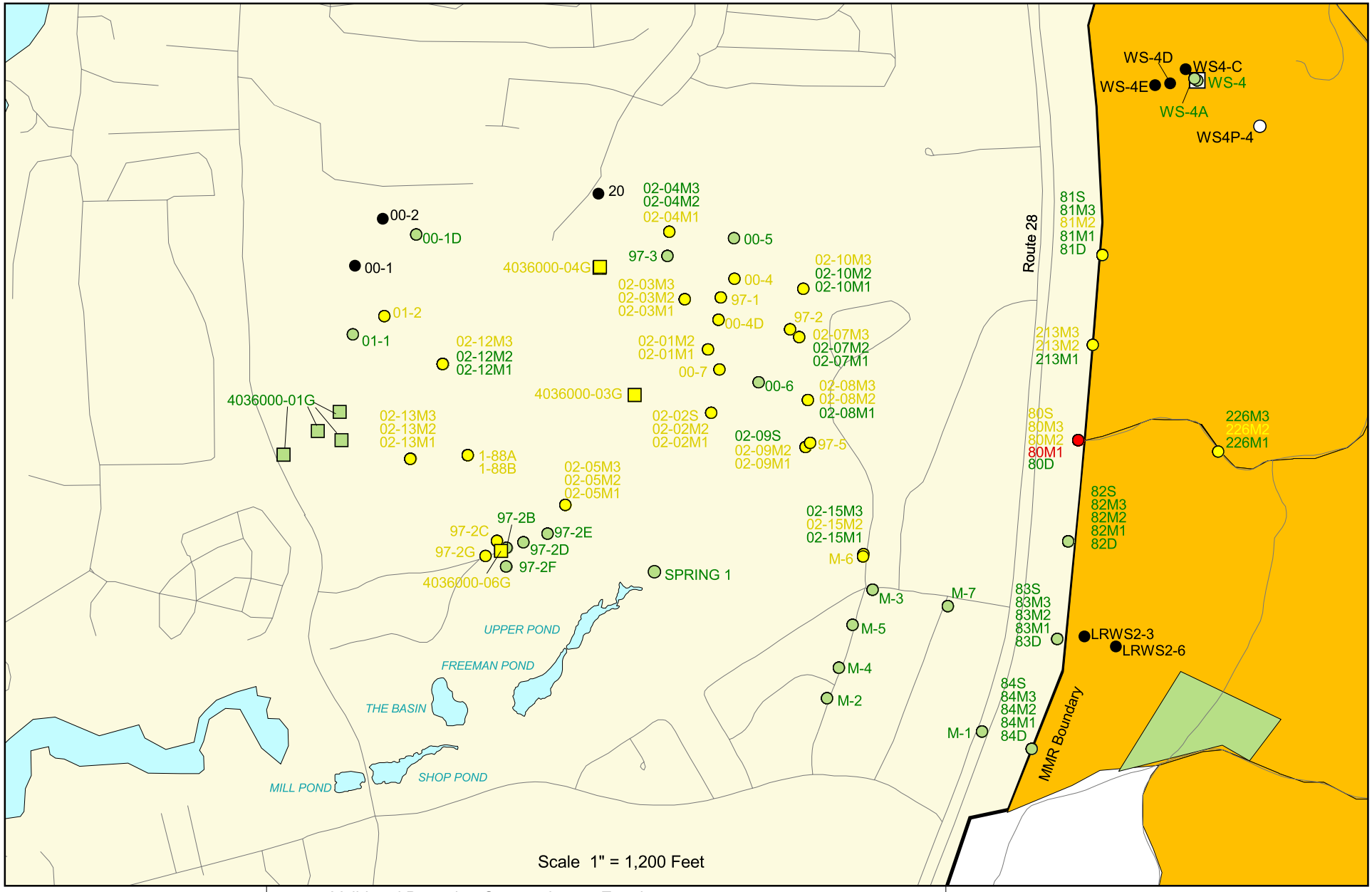
LEGEND

- Validated Detection Greater than or Equal to 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
- Existing Supply Well No Data Available

Figure 8 - INSET MAP A
Perchlorate in Groundwater
Compared to EPA MMR Relevant Standard
Validated Data as of 9/20/02



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

amec October 3, 2002 DRAFT

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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 9/20/02

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Site Characterization (AO1)					
Demo Area 1					
00190	Additional GW Delineation		108	26NOV01A	07MAR03
00193	Prepare GW Report Addendum		53	10MAR03	21MAY03
00194	Draft GW Report Addendum	YES	0		21MAY03
00122	GW RRA/RAM Plan		141	26SEP02A	23APR03
00126	GW RRA/RAM Implementation		210	22JAN03	19NOV03
00169	Guard Submit MORs Soil TM 01-10		5	01MAR02A	04OCT02
00171	Agencies Approve MORs 01-10		5	07OCT02	11OCT02
00153	Soil RRA/RAM Plan		161	22JUL02A	21MAY03
00155	Soil RRA/RAM Field Work		230	24APR03	24MAR04
00172	Prepare Soil RRA/RAM Completion Rep		135	04MAR04	13SEP04
00159	Final Soil RRA/RAM Completion Report	YES	0		13SEP04
Central Impact Area					
Groundwater Plume Delineation					
00285	Install 17 Additional Well Nests		40	13DEC01A	26NOV02
00287	Complete 17 Additional Well Nests	YES	0		26NOV02
02005	Sample/Analyze/Validate 25 Additional		50	31OCT01A	10FEB03
02010	Sample/Analyze/Validate ClO4		5	11APR02A	04OCT02
02015	Sample/Analyze/Validate 8/02 LTGM		53	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		42	29AUG02A	29NOV02
01195	HUTA Final Report	YES	0		29NOV02
High Use Target Area 2					
Site #1					
01908	Revise Draft Report		37	03MAY02A	21NOV02
01909	Submit Draft Final Report	YES	0		21NOV02
Site #2					
01918	Revise Draft Report		37	05JUN02A	21NOV02
01919	Submit Draft Final Report	YES	0		21NOV02
Site #3					
01928	Revise Draft Report		37	20JUN02A	21NOV02
01929	Submit Draft Final Report	YES	0		21NOV02
Site #4					
01938	Revise Draft Report		37	27JUN02A	21NOV02
01939	Submit Draft Final Report	YES	0		21NOV02
Site #5					
01948	Revise Draft Report		37	05JUL02A	21NOV02
01949	Submit Draft Final Report	YES	0		21NOV02
Soil Report					
00211	Perchlorate Soil Sampling		0	20MAY02A	10SEP02A
00213	Ecological Risk Characterization		236	10SEP02A	08SEP03
00260	Coordination Meeting CIA Soil Report		1	11AUG03*	11AUG03
00261	Final Revisions CIA Soil Report		80	12AUG03	05DEC03

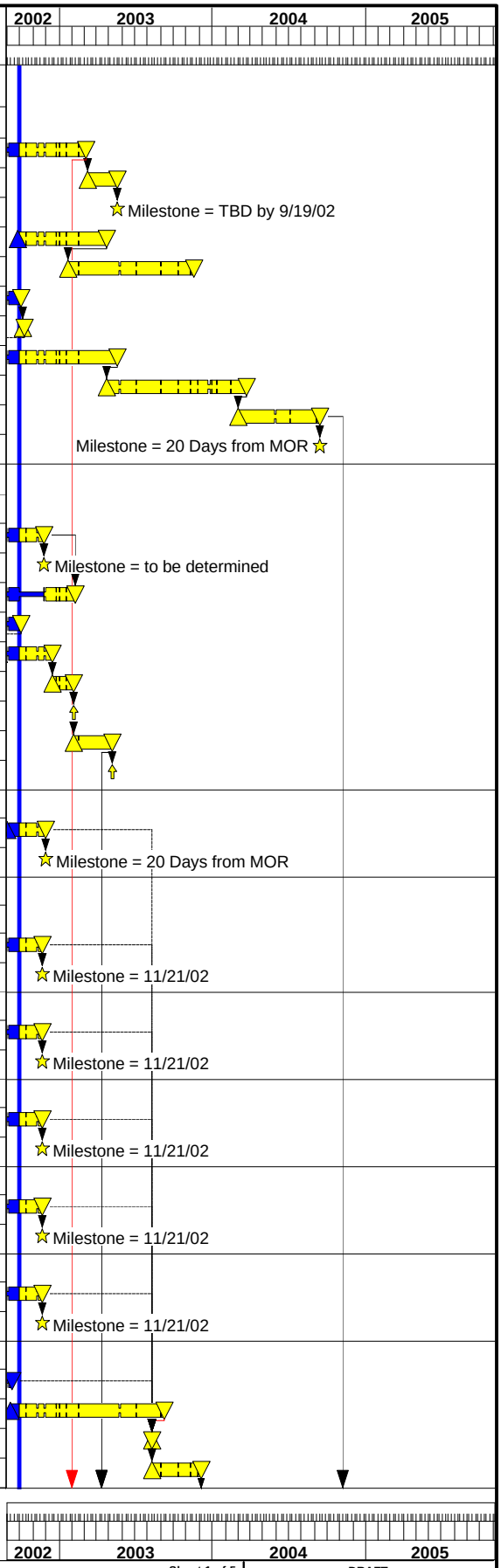

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Figure 9. Revised Combined Schedule for the Impact Area GW Study Program as of 9/30/02

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Soil Report					
00262	Submit Draft Final CIA Soil Report	YES	0		05DEC03
00263	Revise Draft Final CIA Soil Report		65	08DEC03	11MAR04
00292	Final Soil Report	YES	0		11MAR04
00294	Draft Final Soil Report (if Eco Field		80	15OCT04	10FEB05
00296	Final Soil Report (if Eco Field Sampling)		65	11FEB05	13MAY05
J-1/J-3 Range					
00497	Additional Delineation Rev. Draft Report		5	24MAY02A	04OCT02
00485	Additional Delineation Investigation		88	27MAR02A	06FEB03
00486	J1/J3/L Range Draft Final Rep. Prep.		181	09JAN03	25SEP03
00487	J1/J3/L Range Draft Final Report	YES	0		25SEP03
00488	Revise J1/J3/L Range Draft Final Rep.		65	26SEP03	31DEC03
00489	J1/J3/L Range Final Report	YES	0		31DEC03
Gun/Mortar Positions					
00570	Additional Characterization G/M		11	22APR02A	15OCT02
00575	Submit Draft Final COC Letter Report		0		15OCT02
00577	Revise Draft Final COC Letter Report		45	16OCT02	19DEC02
00580	Prepare Draft Final G/M Report		85	20DEC02	23APR03
00585	Submit Draft Final G/M Report		0		23APR03
00549	Gun/Mortar Rev. Draft Final		65	01AUG01A	25JUL03
00550	Gun/Mortar Final Report	YES	0		25JUL03
Training Areas					
00860	Training Areas Background		64	20MAR00A	02JAN03
00862	Start Training Areas Fieldwork	YES	0	03JAN03	
00864	Training Areas Fieldwork		54	03JAN03	21MAR03
00870	Training Areas Report Preparation		60	24MAR03	16JUN03
00880	Submit Training Areas Draft Report	YES	0		16JUN03
00890	Training Areas Rev. Draft Report		65	17JUN03	17SEP03
00895	Training Areas Final Report	YES	0		17SEP03
Phase II(b)					
01554	Revise Draft SAR Report		50	05AUG02A	11DEC02
01555	Submit SAR Final Report		0		11DEC02
01558	Prepare Draft Final 2b Report		47	09MAY02A	06DEC02
01559	Submit Draft Final 2b Report		0		06DEC02
01560	Revise Draft Final 2b Report		65	20AUG01A	13MAR03
01570	Phase II(b) Final Report	YES	0		13MAR03
Munition Survey Project					
MSP Phase I					
01625	Revise Revised MSP Phase I Draft		68	04SEP01A	08JAN03
01630	Submit MSP Phase I Final Report	YES	0		08JAN03
MSP Phase II					
ASP Geophysics					
01742	Approve MOR & Finalize		20	15APR02A	28OCT02
01749	Submit Final Report	YES	0		28OCT02
MSP Phase III					
CIA MSP Sites #1 and #2					
01795	Prepare Eastern Test Site Report		18	11JUL02A	24OCT02
01797	Eastern Test Site Draft Report	YES	0		24OCT02

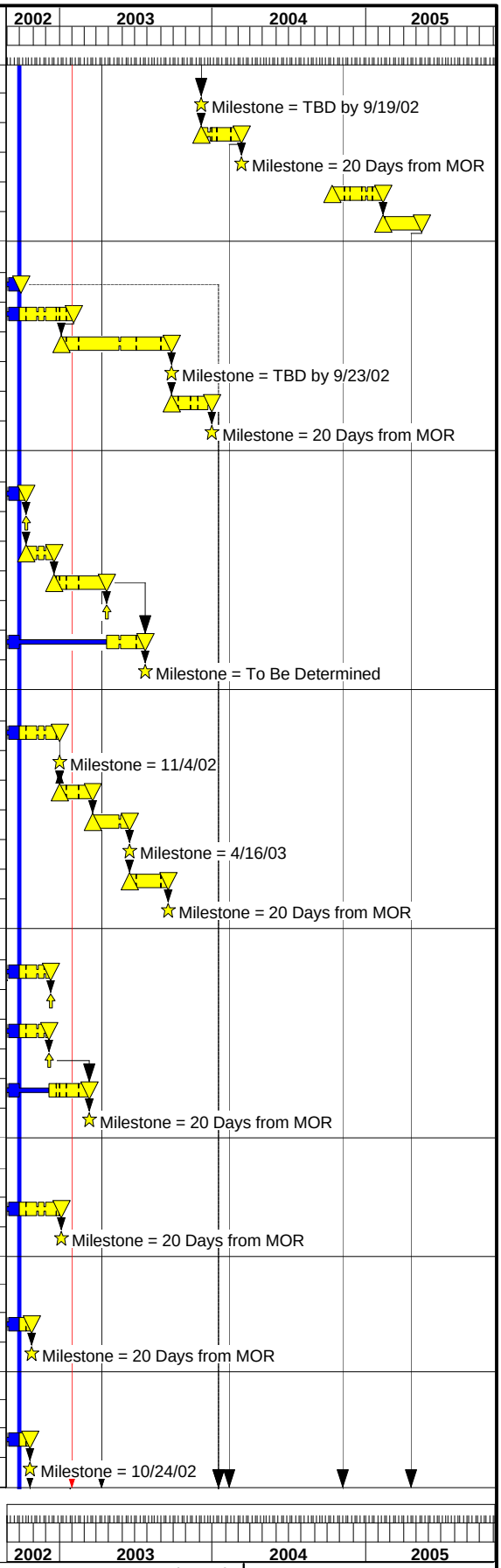

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Figure 9. Revised Combined Schedule for the Impact Area GW Study Program as of 9/30/02

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Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
CIA MSP Sites #1 and #2					
01798	Revise Eastern Test Site Draft Report		65	25OCT02	30JAN03
01799	Submit Eastern Test Site Final Report	YES	0		30JAN03
01802	SCAR Site Complete Fieldwork		0		12NOV02
01803	Prepare SCAR Site Report		33	13NOV02	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	08NOV04
21193	Submit Draft Final Demo 1 FSSR	YES	0		08NOV04
21194	Revise Draft Final Demo 1 FSSR		65	09NOV04	15FEB05
21200	Final FS Screening Report	YES	0		15FEB05
21310	FS Preparation		88	18JAN05	20MAY05
21320	Draft FS	YES	0		20MAY05
21330	Revise Draft FS		65	23MAY05	23AUG05
21340	Final FS	YES	0		23AUG05
Groundwater Operable Unit					
21670	Agency Approval of FS MOR		16	02OCT01A	22OCT02
21674	Prepare Revised Draft FS		152	31JAN03	05SEP03
21675	Revised Draft FS	YES	0		05SEP03
21678	Revise Revised Draft FS		65	08SEP03	10DEC03
21680	Final FS	YES	0		10DEC03
Central Impact Area					
Soil Operable Unit					
22110	FS Screening Report Preparation		60	12FEB04	06MAY04
22112	Scoping Meeting for FSSR		1	11FEB04	11FEB04
22120	Draft FS Screening Report	YES	0		06MAY04
22130	Revise Draft FS Screening Report		65	07MAY04	09AUG04
22140	Final FS Screening Report	YES	0		09AUG04
22142	Draft FSSR (if Eco Field Sampling)		60	18APR05	12JUL05
22144	Final FSSR (if Eco Field Sampling)		65	13JUL05	13OCT05
22202	FS Scoping Meeting		1	13JUL04	13JUL04
22210	FS Preparation		60	14JUL04	06OCT04
22220	Draft FS	YES	0		06OCT04
22230	Revise Draft FS		65	07OCT04	12JAN05
22240	Final FS	YES	0		12JAN05
22250	(Draft FS if Eco Field Sampling)		60	15SEP05	12DEC05
22260	(Final FS if Eco Field Sampling)		65	13DEC05	17MAR06
Groundwater Operable Unit					
22390	Post-Screening Investigation		0	21SEP01A	25SEP02A
22391	FS Scoping Meeting		1	14APR03	14APR03
22392	Draft Pump Test Report		0		25SEP02A
22394	Review/Approve Pump Test Report		63	26SEP02A	31DEC02
22395	Submit Final Pump Test Report		0		31DEC02
22396	Update Regional GW Model		85	03DEC02	04APR03

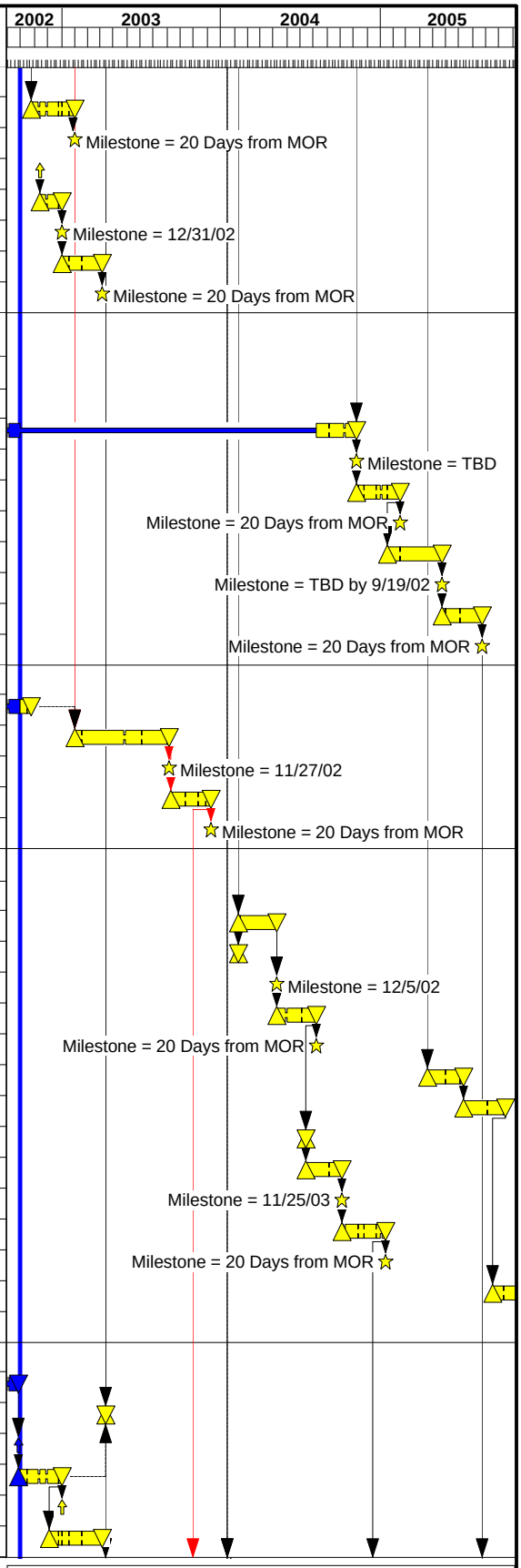

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Figure 9. Revised Combined Schedule for the Impact Area GW Study Program as of 9/30/02

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Groundwater Operable Unit					
22398	GW Flow/Transport Modeling		151	14APR03	17NOV03
22400	FS Preparation		80	29SEP03	26JAN04
22410	Draft FS	YES	0		26JAN04
22420	Revise Draft FS		65	27JAN04	27APR04
22430	Final FS	YES	0		27APR04
SE Corner of Ranges					
23110	FS Screening Report Preparation		40	18NOV03	16JAN04
23120	Draft FS Screening Report	YES	0		16JAN04
23130	Revise Draft FS Screening Report		60	19JAN04	12APR04
23140	Final FS Screening Report	YES	0		12APR04
23150	Post-Screening Invest. Workplan Prep.		22	06APR04	05MAY04
23160	Draft Post-Screening Invest. Workplan	YES	0		05MAY04
23170	Revise Draft PSI Workplan		60	06MAY04	30JUL04
23180	Final Post-Screening Workplan		0		30JUL04
23190	Start Post-Screening Investigation	YES	0	26JUL04	
23200	Post-Screening Investigation		80	26JUL04	17NOV04
23202	FS Scoping Meeting		1	27OCT04	27OCT04
23210	FS Preparation		40	18NOV04	18JAN05
23220	Draft FS	YES	0		18JAN05
23230	Revise Draft FS		60	19JAN05	13APR05
23240	Final FS	YES	0		13APR05
23250	(Draft FS if no PSI)		40	16MAR04	10MAY04
23260	(Final FS if no PSI)		65	11MAY04	11AUG04
UXO					
UXO Operable Unit					
24130	Revise Draft FS Screening Report		14	21MAR01A	18OCT02
24140	Final FS Screening Report	YES	0		18OCT02
Remedy Selection (AO3)					
Demo Area 1					
Soil Operable Unit					
31105	Soil RS Plan Scoping Meeting		1	28JUN05	28JUN05
31110	Prepare Draft Remedy Selection Plan		40	28JUN05	23AUG05
31120	Revise Draft Remedy Selection Plan		65	24AUG05	28NOV05
31130	Remedy Selection Plan		0		28NOV05
31140	Public Comment Period		21	29NOV05	28DEC05
31150	Draft Decision Doc/ Response		44	29DEC05	03MAR06
31160	Revise Draft DD/RS		65	06MAR06	05JUN06
31170	Final Decision Doc/ Response		0		05JUN06
Groundwater Operable Unit					
31505	GW RS Plan Scoping Meeting		1	28OCT03*	28OCT03
31510	Prepare Draft Remedy Selection Plan		30	28OCT03	10DEC03
31520	Revise Draft Remedy Selection Plan		65	11DEC03	16MAR04
31530	Remedy Selection Plan		0		16MAR04
31540	Public Comment Period		22	17MAR04	15APR04
31550	Draft Decision Doc/ Response		60	16APR04	12JUL04
31560	Revise Draft DD/RS		65	13JUL04	13OCT04
31570	Final Decision Doc/ Response		0		13OCT04

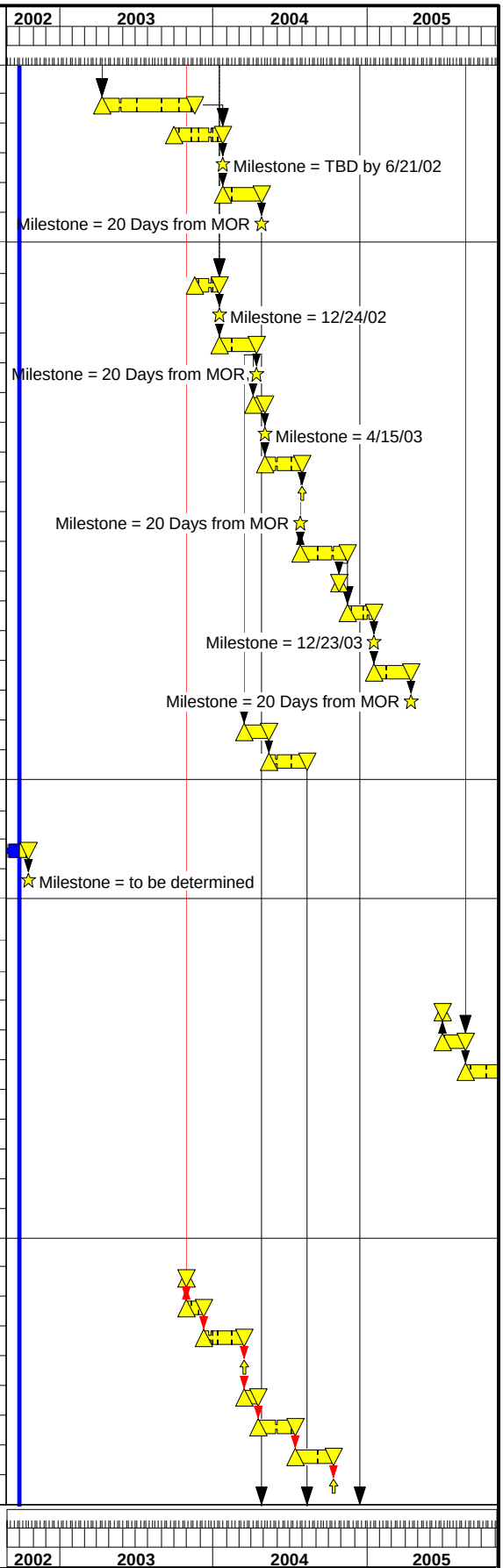

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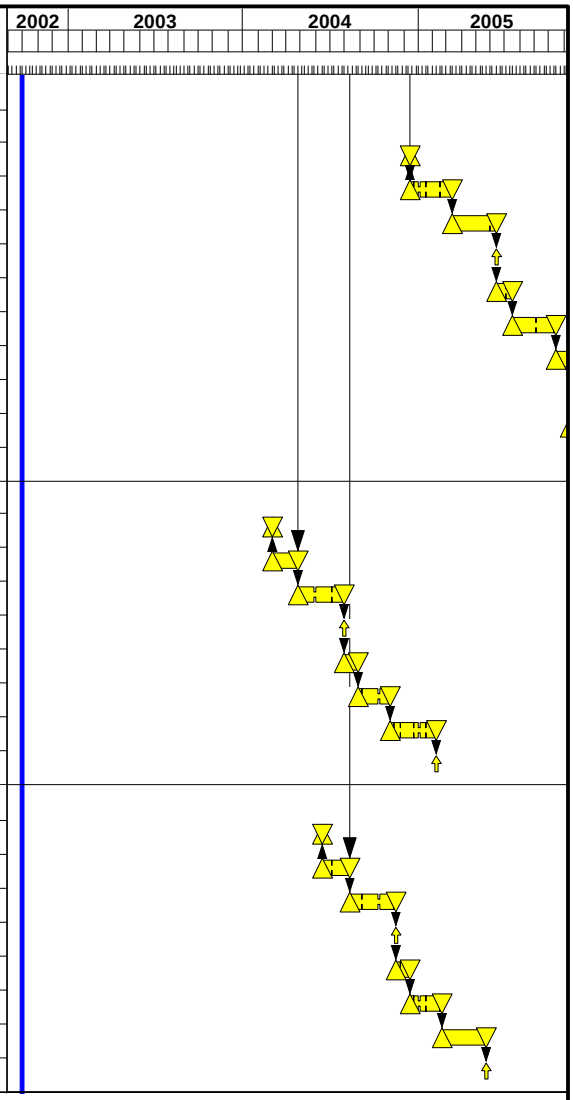
Figure 9. Revised Combined Schedule for the Impact Area GW Study Program as of 9/30/02

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Central Impact Area					
Soil Operable Unit					
32105	Soil RS Plan Scoping Meeting		1	14DEC04	14DEC04
32110	Prepare Draft Remedy Selection Plan		60	14DEC04	11MAR05
32120	Revise Draft Remedy Selection Plan		65	14MAR05	13JUN05
32130	Remedy Selection Plan		0		13JUN05
32140	Public Comment Period		21	14JUN05	13JUL05
32150	Draft Decision Doc/ Response		64	14JUL05	13OCT05
32160	Revise Draft DD/RS		65	14OCT05	19JAN06
32170	Final Decision Doc/ Response		0		19JAN06
32172	Draft DD/RS (if Eco Field Sampling)		210	14NOV05	13SEP06
32174	Final DD/RS (if Eco Field Sampling)		65	14SEP06	15DEC06
Groundwater Operable Unit					
32505	GW RS Plan Scoping Meeting		1	03MAR04	03MAR04
32510	Prepare Draft Remedy Selection Plan		40	03MAR04	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		44	30AUG04	01NOV04
32560	Revise Draft DD/RS		65	02NOV04	07FEB05
32570	Final Decision Doc/ Response		0		07FEB05
SE Corner of Ranges (if no PSI)					
33105	RS Plan Scoping Meeting		1	16JUN04	16JUN04
33110	Prepare Draft Remedy Selection Plan		40	16JUN04	11AUG04
33120	Revise Draft Remedy Selection Plan		65	12AUG04	15NOV04
33130	Remedy Selection Plan		0		15NOV04
33140	Public Comment Period		21	16NOV04	15DEC04
33150	Draft Decision Doc/ Response		44	16DEC04	21FEB05
33160	Revise Draft DD/RS		65	22FEB05	23MAY05
33170	Final Decision Doc/ Response		0		23MAY05



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