MONTHLY PROGRESS REPORT #57
FOR DECEMBER 2001

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 December 1 to December 31, 2001. Scheduled actions are for the six-week period ending February 8, 2002.

1. SUMMARY OF ACTIONS TAKEN

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

Table 1. Drilling progress for December 2001

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-192	J-1 Range Well (J1P-14)	322	212	115-125; 135-145; 195-205
MW-193	J-3 Range Well (J3P-12)	85	53	
MW-194	J-3 Range Well (J3P-13)	60	3	
MW-195	J-3 Range Well (J3P-14)	120	85	
MW-196	J-3 Range Well (J3P-15)	140	107	
MW-197	J-3 Range Well (J3P-11)	165	145	
MW-199	Central Impact Area Well (CIAP-18)	324	190	
MW-200	Central Impact Area Well (CIAP-8)	330	130	

bgs = below ground surface
bwt = below water table

Completed drilling and well installation of MW-192 (J1P-14). Completed drilling of MW-193 (J3P-12), MW-196 (J3P-15), MW-197 (J3P-15), and MW-198 (J3P-16). Waiting on water in MW-194 (J3P-13). MW-199 (CIAP-18) was drilled in an incorrect location and therefore, the borehole was backfilled and a well was not installed at this location. Commenced drilling of MW-200 (CIAP-8). Well development was continued in early December for newly installed wells, but was halted due to UXO exclusion zones.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-193, MW-195, MW-197, MW-198, MW-199, and MW-200. Groundwater samples were collected as part of the December Long Term Groundwater Monitoring round. Surface water samples were collected from Snake Pond beaches. Water samples were collected from drive points in Snake Pond. Water samples were collected from the influent and effluent of the PW-1 (Pump Test well) treatment unit for the mini pump test, the FS-12 treatment system and the GAC treatment system.

Soil samples were collected from the Succonsette Pond area for a method detection limit study for perchlorate. Background soil samples were collected for herbicide analysis in Shawme-Crowell State Forest and Four Ponds Conservation Area. Soil samples were collected from soil

cuttings at recently installed monitoring wells. Soil sampling for dye analysis was completed in the J-2 Range. Soil samples were collected from polygons in the J-1 Range and J-2 Range.

As part of the Munitions Survey Project pre-detonation and post-detonation soil samples were collected from Transects 1, 3 and 5 in the Central Impact Area HUTA2 zone. Wipe and soil samples were collected from UXO in Transects 1, 3 and 5. Soil samples were collected at J-1 Range and from Transects 1 and 5. Soil samples were collected from the anomaly excavation at BA-1.

The EPA convened a meeting of the Impact Area Review Team on December 4, 2001. The issues discussed included: Demolition Area 1 Groundwater Feasibility Study Update, Munitions Survey Field Investigation Update and Draft J Range Plume maps review.

The Guard, EPA, and MADEP had a meeting on December 6 to discuss technical issues, including the following:

ASR Update

Gina Tyo (Corps) distributed packet of materials including monthly ASR update, Summary of Interview #9 site visit, Draft Advertisement copy for soliciting information on Camp Edwards.

- EPA and MADEP approved Ad copy, 1-inch Ad to be purchased for 6 weeks.
- An electronic copy of all interviews, interview summaries and list of interviewee's and specific areas of knowledge has been prepared.
- Six interviewee names remain on the original "to be" interviewed list. Ms. Tyo requested that the agencies review extra list of names (provided during interviews) and prioritize. Private investigator will be ready to set up interviews with individuals on the "second" list soon. Witness list prioritization to be added as an agenda item.
- Jane Dolan (EPA) requested that Ben Gregson (IAGWSPO) contact counsel regarding scheduling an interview with Witness #19. To be added as a punchlist item.

Munitions Survey Project Update

Rob Foti (Corps) provided an update on the MSP.

- HUTA1. Backfill approval from the agencies had been received via email. Backfilling will proceed as time permits.
- Mortar Target 9. Nurturing of vegetation complete.
- AirMag. Workplan to be submitted12/11.
- HUTA2. Transects 1 & 5 have been sampled. Intrusive investigation at Transect 1 has been started. Brush cutting commenced at Transect 3. Three 105mm projectile HEAT will be BIPed on Friday 12/7. These projectiles were uncovered in the Transect 3 access path.
- J Range Polygons. Investigation started on 12/5. Almost 3 polygons completed at J-1 Range. AMEC to start surface sampling next week. Jane Dolan requested that Marc Grant (AMEC) check to determine if AMEC personnel understand sampling requirements.
- Eastern MSP sites. Sites are being surveyed. Preparing ROAs for Karen Wilson's (IAGWSPO) approval. Also working with Ms. Wilson on J-Range polygon ROAs.
- BA-1 Disposal Site. Excavation of the anomaly 20 square feet by 6 feet deep is complete. List of findings distributed. No rad detections and no soil staining were observed in the excavation. 17 or 18 nearby anomalies were also investigated. These included scrap metal and one additional electronic component. Two, more distant, anomalies are also being looked at (1680 and 1462) 200m to the northwest and 100m to the southeast of the excavation, respectively. Anomaly 1680 coincided with surface scrap. A cable was found at Anomaly 1462.

- Jim Forrelli (Tetra Tech) reviewed items uncovered at the BA-1 disposal site. 34 items were uncovered. 2 were lots of multiple components. Items included: 36 electron tubes (these are the metal boxes mentioned last week), 12 magnetic assemblies, 2 batteries, 1 lamp-type tube assembly, 2 electronic components. 33 tubes were found to be BOMAC 1B58 manufactured by BOMAC in Beverly, MA. Company is now owned by (and called) Communication Power Industries. These components were part of a radar system and are still being manufactured. The components are not supposed to have liquid in them. Liquid in the one tube may be infiltrated rainwater. The tubes do have <1uCi radioactivity due to cobalt 60. Cobalt 60 has a half-life of 5.3 years. Since the components were probably manufactured in the 70's, this may be why radiation from the tubes was not detected by the radiation screening meters. Raytheon manufactured the magnet assemblies call Magnetrons. The Magnetrons are high power microwave oscillators used to generate microwaves. Raytheon indicated that they contain nothing hazardous. Tetra Tech continues to follow-up with outstanding items, including the one tube with the liquid substance as it is slightly different from the other tubes. Todd Borci questioned that the liquid was rainwater since it appeared to be oily. Inquiry has revealed that the tubes are exempt from NRC regulation, and are considered analogous to a domestic smoke detector. Additional markings are being searched for so that a date of manufacture might be identified in order to calculate the isotope decay. In the interim, the items have been stockpiled at the site, along with the excavation gravel.

Central Impact Area/HUTA2 Scoping

AMEC provided a map of MSP exclusion zones overlaid on a map of Central Impact Area proposed well sites.

- Heather Sullivan (ACE) indicated that approved Central Impact Area drilling locations were sufficient to keep contractors busy through the end of January.
- Todd Borci requested that proposed well numbers (i.e. CIAP-X) for each well be included with the numerical well number on the weekly email update.
- Mr. Borci also requested that CIAP-7 and CIAP-21 locations be reviewed, since they will likely require considerable road building to site. These wells were proposed to fill data gaps and need to be looked at so that they do not hold up the process later, in light of developments at the Demo Area 1.
- Mr. Borci reiterated that CIAP-16 should be placed on the particle track from MW-164. And that particle track should be double-checked. John Rice (AMEC) explained that different particle tracks plotted from MW-164 had been for different screen depths.
- Phone call set for 12/19 in morning to discuss Central Impact Area wells. Heather Sullivan to coordinate. No Tech meeting to be scheduled for 12/20 or 12/27.

Central Impact Area Pump Test

John Rice (AMEC) summarized the pump test activities.

- The mini-test was conducted yesterday 12/4. Everything went well except that the flow meter was broken. Samples were fedexed to laboratory.
- Heather Sullivan to coordinate results discussion on 12/12.
- Desiree Moyer (EPA) indicated that NPDES exclusion probably won't be required. Ms. Moyer to contact OSC representatives for their opinion, by the end of today 12/6.

Snake Pond Diffusion Sampling

- Ben Gregson (IAGWSPO) reported that the USGS indicated that the dialysis bags degraded, which is why most of the 22 samples were not analyzed for explosives.

- USGS proposed to put drive points in Snake Pond at 4 locations where confirmed detections of explosives were found, starting Tuesday. The southerly-most location would be too deep to access with a drive point.
- Jane Dolan requested that additional locations be placed around the spit, particularly at location 57. EPA approved the drive point installation and sampling, asking for more drive points/samples (extra day) if possible.
- Tina Dolen (IAGWSPO) to provide new release, neighborhood notice; draft to agencies on Friday 12/7.
- Mr. Gregson to request expedited letter report from USGS at the agencies' request.

MW-181 Profile Sample Analysis

- Heather Sullivan indicated that the original profile sample analyzed for gross alpha would be analyzed by Gamma Spectroscopy. This would be a qualitative test to identify the radioactive isotope. EPA approved the analysis.
- Two day TAT was requested. Results available on Monday, 12/10.

Miscellaneous

- EPA requested that Punchlist item be added for AMEC to provide a new revised schedule for the groundwater LTM based on new well/analysis requests.
- Todd Borci requested more information on the prescribed burn to be conducted at Camp Edwards, possibly in the vicinity of Pave Paws. Ben Gregson to request that Mike Ciaranca (MAARNG) provide a briefing at the 12/13 Tech meeting. Len Pinaud (MADEP) indicated that DEP has to approve a permit for the burn. Mr. Pinaud to coordinate with the Guard and EPA prior to issuing the permit.
- Mr. Borci requested a copy of the Military Features Report.
- Jane Dolan inquired about the scrap metal contractor. John MacPherson (ACE) indicated that the contractor is looking for a subcontractor for the disposition of scrap OE. An addendum is being prepared for the Scrap Workplan to specify details. Targets are scheduled to be pulled out on 1/7/02.
- Ms. Dolan indicated that Textron's drum removal at J-3 Range was scheduled for 12/17 and 12/18. The workplan for this removal had been provided earlier. Ms. Dolan requested that the Guard collect splits and complete a Rad survey during the drum removal. Textron also was planning to presample building interiors, septics/drywells at J-3 Range. A Workplan was being sent this week that described the sampling. Ms. Dolan also requested that splits be collected in conjunction with this sampling. Gina Tyo stressed that all contractors needed to coordinate fieldwork through the Corps.

The Guard, EPA, and MADEP had a meeting on December 13 to discuss technical issues, including the following:

Prescribed Burn

Mike Ciaranca (MAARNG) presented an overview on the use of the prescribed burn as a natural resource management tool at MMR.

- Prescribed burning has been used as a resource management tool at MMR, since 1982, to maintain habitat and minimize wildfires. The average prescribed burn is 700 acres, whereas the average wildfire is 1700 acres. Prescribed burning is used for protecting public safety (minimize wildfires), environmental management and stewardship (such as eliminate introduced invasive, exotic weeds like the spotted knap weed or maintaining scrub oak habitat), and enhancing military training

- The last burn was 2 years ago and involved only 100 acres in the 5 corners area of the Central Impact Area.
- MAARNG recently submitted a permit to the state for year round burning anywhere on post. In the past, the permit has only been requested/issued for the Central Impact Area. The state is currently reviewing the permit. 600 acres per year is targeted for the prescribed burn.
- Approximately 4,000 acres of scrub oak has been requested to be maintained by MADFW. Habitat that needs to be maintained is divided into 6 areas - Zones 1-3 and Training areas A (Alpha), B (Bravo), and C (Charlie); Zone 1 is the Central Impact Area. A separate Fire Management Plan for each of the six areas has been prepared. Copies of the FMPs were provided to Todd Borci (EPA).
- The prescribed burns are managed very precisely by the MAARNG and the base Fire Chief and staff, based on the burn index and current and predicted weather conditions. Fires are not ignited or are extinguished immediately if, based on weather changes, changes in the burn index, or advancement of fire outside the targeted areas, the conditions for the burn are not within the pre-prescribed specifications.
- Mr. Ciaranca stressed that, as in the past, the MAARNG will coordinate its activities with the IAGWSPO and all interested regulatory agencies, including the EPA.
- The DEP and the NGB are still resolving permit issues and prior to issuing the final burn permit, the DEP will ensure that a coordination meeting takes place with the EPA and the IAGWS program.

Central Impact Area Pump Test

Bill Gallagher (IAGWSPO), citing information from the manufacturer, indicated that the Guard does not know the ability of GAC system to remove perchlorate from the groundwater. Therefore, the Guard assumes that perchlorate will be discharged with groundwater extracted during the pump test.

- Marc Grant (AMEC) indicated that a professor at the Pennsylvania State University has been doing a study on the use of GAC for perchlorate treatment and feels that it should be effective for treating groundwater with the concentrations detected at MMR. However, no published data is yet available.
- Mike Jasinski (EPA) indicated that EPA had discussed these issues internally since the 12/12 conference call and have decided not to approve going ahead with the currently planned pump test since EPA does not want to take the risk of discharging perchlorate-containing water in an area with no documented perchlorate contamination. Mr. Jasinski acknowledged that the EPA had requested the expedited schedule for the pump test. But now that the Guard had been able to accomplish scheduling the pump test prior to winter conditions, EPA feels that it is premature to complete the pump test in light of the uncertainties surrounding perchlorate treatment. EPA also understood that the Central Impact Area Feasibility schedule would be impacted in light of the probable delay of the pump test until Spring.
- Todd Borci indicated that it might not have a significant impact on the schedule since additional delineation of the plume would probably be needed beyond the current well installation program.
- Len Pinaud (MADEP) indicated that it was DEP's position that the groundwater should be treated to nondetect, prior to discharge. If it could not be treated to nondetect, then the water could be discharged to an area of existing contamination. If the situation was an emergency (imminent threat to human health or the environment) DEP would make allowances. However, this situation was not deemed an imminent threat.

- Mr. Jasinski requested that the Corps and AMEC evaluate options over the next couple weeks including: 1) screening methods for perchlorate, 2) having Calgon perform a column study to evaluate perchlorate treatment, 3) follow-up with PSU professor regarding test results, and 4) investigating alternative discharge areas. Mr. Jasinski also asked that EPA be presented with proposed schedule impacts.
- Mr. Jasinski to provide email approval to Guard to discharge mini-test discharge water from Frac tank. DEP will also provide email approval.

ASR Interview Priority List

- Jane Dolan (EPA) provided a list with interview names checked. These are the interviews that are the highest priority. The private investigator can complete interviews with these individuals in any order.
- Todd Borci provided a set of maps and questions for the use of the private investigator in his interviews.

Munitions Survey Project Update

Ellen Iorio (ACE) provided an update on the HUTA2 and Rob Foti (ACE) provided an update on the other MSP tasks.

- **HUTA2**. Per EPA's request, work has been stopped on Transects 2,3,4 until five conditions are met. A site walk was performed with Mr. Borci on Wednesday, 12/12/01, and it was agreed that work could continue at Transects 1 and 5. Mr. Borci approved BIPs on Friday if pre-BIP samples were collected. Four BIPs are scheduled, one in Transect 1, two in access road to Transect 3, and 1 in Transect 5. Shipping of cut brush from Transects 2,3,4 was also approved. Mr. Borci indicated that approval/comment on continuing work at Transects 2,3,4 will be provided Monday, 12/17 or sooner.
- **AirMag**. Workplan submitted12/11. Expecting comments from EPA on 1/02/2002.
- **J Range Polygons**. The investigation is continuing on J-1 Range where no surface soil sampling is required. AMEC has completed surface soil sampling at J-1 Range polygons and has moved on to J-2 Range. The Corps is reviewing exclusion zones on J-1 and J-2 Ranges so that excavations and sampling can be coordinated to proceed at the same time. Polygons 7-9 have been completed. An update was forwarded regarding Polygon 9, which appears to have been a burial site for inert munitions. Three items were sent to the Safe Holding Area because it could not be verified that they were inert. Engineering controls are being considered for the Polygon 1 excavation because of the proximity to the Town of Sandwich. A write-up is being prepared for the site walk through that was conducted with Jane Dolan at J-2/J-3 Ranges.
- **Eastern MSP sites**. Sites have been surveyed. Preparing ROAs for Karen Wilson's (IAGWSPO) approval.
- **Scar Site.** Site has been surveyed. Awaiting ROA approval.
- **U Range.** Site will be discussed in after meeting. ROAs to be submitted later.
- **BA-1 Disposal Site.** Investigation completed. Waiting on analytical results to backfill.
- Jim Forrelli (Tetra Tech) reviewed ongoing efforts to complete identification of items and hazard classification. 56 items have been uncovered. 12 items are magnetrons related to a radar system. 36 items are tubes. Other items are miscellaneous electronic components. Tetra Tech is cataloging all component markings and potential hazards. A radar technician (never worked at MMR) was interviewed who was familiar with the system that utilized these components. The radar technician identified the system as a FPS-6 system manufactured in the 1950s and 1960s by GE. GE was contacted and they indicated that the radar group has since been sold possibly to Textron. PCB-containing oils (probably as a non-contact coolant system) have been identified as being associated with the magnetrons. Tetra Tech is

considering wipe samples of the magnetrons if it is determined to be a contact cooling system. Tetra Tech is seeking more information on the two tubes found with liquid. Soil analytical results from samples collected from the excavation are scheduled to be received in early January.

Scrap Contract Briefing

John McPherson (ACE) distributed a summary of the status of the Scrap Contract and provided a briefing.

- USA Environmental has been retained as the scrap contractor. The scrap collection will be coordinated with other contractors so as not to interfere with other work schedules.
- The scrap-staging yard will be at the soil-washing pad near Range Control. Scrap will be classified/segregated as OE, non-OE, and nonmilitary scrap.
- Processing activities, on-site and off-site are being negotiated.
- Procedures for target removal are still being discussed with two potential subcontractors. Cranes will be used to place targets on lowboys and these will be hauled away for scrap. Details will be provided in writing prior to target removal.
- 50 targets will require removal by crane. ROAs for their removal are being coordinated with Karen Wilson (IAGWSPO). Ms. Wilson indicated that future actions (well installation – possible remediation) will dictate how roads are built to access some targets and site restoration issues. Ms. Wilson to provide specific target list to EPA, so that EPA can provide feedback on current thinking of potential follow-up activity for these areas. Heather Sullivan (IAGWSPO) also indicated that this could be discussed relative to well installation in the Central Impact Area at the Wednesday 12/19 conference call regarding proposed well location approval.

Snake Pond Sampling

Dave Hill (IAGWSPO) summarized activities regarding the Snake Pond investigation.

- Drive point sampling through the pond bottom was performed at seven previous diffusion sampling locations (2, 28, 38, 57, 64, 70, 76) by the USGS on 12/11. Samples at 70 and 38 were slightly offset from the original locations. Four of these locations corresponded to the locations where explosive detections in the diffusion samplers were validated and one location where a non-confirmed detection of RDX was reported. A sample could not be collected from location #81 (the other location with a validated explosive detection) because the organic layer was particularly thick and flow could not be achieved to sample. The USGS was able to get below the organic layer at all the other locations.
- Conductivity data was collected at the beginning and end of sampling. The USGS noted that the conductivity changed at the 76 location, indicating that pond water may have infiltrated into the drive point. USGS requested permission to analyze each of the 3 liter bottles, collected at this location, as 3 separate samples.
- AMEC is proceeding with standard turn around time analysis for explosives and perchlorate; results are expected in approximately 30 days.

MW-181 Profile Sample

Heather Sullivan (ACE) reviewed status of information on the MW-181 sample.

- Gamma Spectrometry results of original profile sample from MW-181 were emailed Monday. Jay Clausen (AMEC) memo indicated that results were consistent with background.
- Two+ liters remain and the Corps would like feedback from the EPA regarding proceeding in accordance with AMEC's proposal.
- Todd Borci indicated that Idaho Labs are taking a closer look at the results, particularly the lead results.

- Mike Jasinski indicated that the EPA will evaluate further and provide comment by Monday 12/17.
- COL Bleakley (JPO) to be emailed results.

Schedule/Documents

Marc Grant (AMEC) reviewed schedule/document issues.

- RRA COWR – Resolution meeting scheduled for 1/03/02.
- June BIP Report – July BIP is ready for submittal, but if there will be significant comment from EPA on June Report MOR, AMEC would like to hold off on submittal of July Report. EPA to look at MOR and provide feedback on any significant comments. AMEC to incorporate into July Report prior to submittal.
- Tech Memo 01-15 (Phase II(b) Report)– Letter to be sent by Heather Sullivan regarding how to proceed with investigation reporting. MADEP to send comments on red line/strike-out report, which will be worked into final reports.
- Gun and Mortar Workplans – Guard/ACE to provide feedback/letter on how they envision additional investigations to proceed. 01/9/02 Workplan deadline to be amended in letter.
- Supplemental Phase IIb Workplan – Added to schedule, submittal date is 1/17/02.
- Demo 1 PSI – 11/13 extension request asked that 1/03/02 deadline be changed to 1/10/02. Mike Jasinski to address.
- MSP Finalization – Ellen Iorio asked if more comments were coming from EPA on the MSP Report. Jane Dolan indicated that the red line/strikeout report should be revised in accordance with the MOR. Although more comments were expected to be received, the date those comments would be received had not been determined.

IART Agenda/Action Items

Tina Dolen (IAGWSPO) reviewed agenda for January IART.

- Former H Range Update – DEP and EPA explained that this should be an update and notification. The update should introduce the Fact Sheet (to be prepared and provided) and what to expect at the upcoming public hearing regarding the Former H Range.
- IART Map discussion – to be added after the Decision Criteria Matrix discussion. 1/07/02 should discuss IART maps internally and have recommendations, based on past team requests, prepared for the IART meeting.
- Decision Criteria Matrix – Make discussion 1 hour.
- Late Breaking News – Make discussion 1 hour.
- Tina Dolan is preparing a letter on the IART team's behalf requesting an IART meeting briefing be conducted by NRTC per Dick Judge's (Sandwich Selectman) request.
- TNA/CDC questions to be included under Late Breaking News.
- Len Pinaud (MADEP) indicated that a follow-up should be considered/prepared for PLM and gross alpha results.
- Comments on Action Items due on 01/03/02.

Miscellaneous

- Jane Dolan requested that the following items be added to the Punchlist.
  - Provide proposal for discontinuing surface water sampling at Snake Pond (AMEC).
  - Review of Interview Summaries (EPA).
  - Provide Fate and Transport Study (AMEC).

2. SUMMARY OF DATA RECEIVED

Validated data were received during December for Sample Delivery Groups (SDGs) CMR001, CMR003, CMR004, CMR006, CMR007, CMR008, CMR009, CMR010, CMR011, CMR012, CMR013, CMR014, CMR017, CMR020, CMR024, CMR037, CMR038, CMR039, DIFFUS, MMR619, MMR622, MMR625, MMR626, MMR656, MMR663, MMR667, MMR671, MMR674, MMR680, MMR737, MMR743, NMR001, NMR002, NMR003, NMR004, NMR005, NMR006, NMR007, NMR008, NMR009 and NMR010. These SDGs contain results for 180 groundwater samples from monitoring wells; 2 groundwater profile samples from MW-176 and MW-181; 1 soil boring sample from MW-174; 402 soil grid samples from J-2 Range, J-3 Range, L Range, Demo Area 2, Gun and Mortar Positions, and Central Impact Area sites; 4 crater grab samples; and 89 diffusion samples from the bottom of Snake Pond.

Validated Data

Figures 1 through 6 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
- Figure 4 shows the results of Semi-Volatile Organic Compound (SVOC) analyses by methods OC21B and SW8270
- Figure 5 shows the results of Pesticide (method OL21P) and Herbicide (method 8151) analyses
- Figure 6 shows the results of Perchlorate analysis by method E314.0

The concentrations from these analyses are depicted in Figures 1-5 compared to Maximum Contaminant Levels (MCLs) or Health Advisories (HAs) published by EPA for drinking water. The concentrations from Perchlorate analyses are depicted in Figure 6 compared to an EPA 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 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 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 Limit, sorted by analytical method and analyte, since 1997.

There are multiple labels listed for some wells in Figures 1-6, 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 1-6 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 1-6 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

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

- Demo Area 1 (wells 19, 31, 34, 73, 76, 77, and 114);
- the Impact Area and CS-19 (wells 58MW0001, 0002, 0009E, 0011D, 0016B, 0016C, 0018A and 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, and 113); and
- J Ranges and southeast of the J Ranges (wells 58, 132, 147, 153, 163, 164, 165, 166, 171 and wells 90MW0022 and 90WT0013).

Exceedances of drinking water criteria were measured for 2,4,6-trinitrotoluene (TNT) at Demo Area 1 (wells 19S, 31S, 31M, and 31D), and for hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) at all of the locations listed above. One of the exceedance wells, 90WT0013, has had no detectable RDX in the last six sample rounds (1/99 to 05/01).

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

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

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

Figure 2: Metals in Groundwater Compared to MCLs/HAs

Exceedances of drinking water criteria for metals are scattered throughout the study area. Where two or more rounds of sampling data are available, the exceedances generally have not been replicated in consecutive sampling rounds. The exceedances have been measured for antimony, arsenic, cadmium, chromium, lead, molybdenum, sodium, thallium and zinc. None of the 11 antimony exceedances were repeated in consecutive sampling rounds, and only one exceedance (well 50M1) was measured in year 2000 results. Arsenic (in well 7M1), cadmium (52M3), and chromium (7M1) each had one exceedance in a single sampling round in August-September 1999. One of three lead exceedances (ASP well) was repeated in another sampling round and neither of the other two lead exceedances (wells 2S and 7M1) was measured in year 2000 results. Thirteen of the 41 molybdenum exceedances were repeated in consecutive sampling rounds (wells 2S, 2D, 13D, 16D, 46M2, 52D, 52M3, 53M1, 53D, 54M2, 54S, 55D, and 57S). Molybdenum concentrations declined in 12 of these 13 wells. Eight molybdenum exceedances (wells 13D, 16D, 45S, 52D, 53M1, 57S, 57M2, and 81D) were observed in year 2000 results. Two molybdenum exceedances (well 16D and 52D) were observed in year 2001 results. Six of the 15 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 exceedances in the year 2000 results; two wells (145S and ASP) had exceedances in the year 2001 results. Seven of the 62 thallium exceedances were repeated in consecutive sampling rounds (wells 7M1, 7M2, 47M2, 52S, 52D, 54S, and 54M1). Twenty-two wells (2D, 3D, 35S, 39M1, 45S, 46M1, 47M3, 47M2, 48M3, 48D, 49M3, 50M1, 52S, 54S, 56S, 56M3, 57M2, 58S, 64M1, 73S, 83S, and 127S) had thallium exceedances in the year 2000 results; three wells (94M2, 132S, 150S) had thallium exceedances in the year 2001 results. Zinc exceeded the HA in seven wells, all of which are constructed of galvanized (zinc-coated) steel.

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

Figure 3: VOCs in Groundwater Compared to MCLs/HAs

Exceedances of drinking water criteria for VOCs are indicated in three general areas: CS-10 (wells 03MW0007A, 03MW0014A, and 03MW0020), LF-1 (well 27MW0017B), and FS-12 (wells MW-45S, 90MW0003, and ECMWSNP02D). CS-10, LF-1, and FS-12 are sites located near the southern extent of the Training Ranges that are currently under investigation by AFCEE under the Superfund program. Exceedances of drinking water criteria were measured for tetrachloroethylene (PCE) at CS-10, for vinyl chloride at LF-1, and for toluene, 1,2-

dichloroethane, and ethylene dibromide (EDB) at FS-12. These compounds are believed to be associated with the sites under investigation by AFCEE.

Figure 4: SVOCs in Groundwater Compared to MCLs/HAs

Exceedances of drinking water criteria for SVOCs are scattered throughout the study area. All exceedances of drinking water criteria for SVOCs were measured for bis (2-ethylhexyl) phthalate (BEHP), except for two locations in FS-12 (wells 45S and 90MW0003) which had exceedances for naphthalene, and well 41M1 which had an estimated level of 2,6-dinitrotoluene (DNT) that is equal to the HA. BEHP is believed to be largely an artifact of the investigation methods, introduced to the samples during collection or analysis. A detailed discussion of the presence of BEHP is provided in the Draft Completion of Work Report (7/98) and subsequent responses to comments. The theory that BEHP occurs as an artifact, and is not really present in the aquifer, is supported by the results of subsequent sampling rounds that show much lower levels of the chemical after additional precautions were taken to prevent cross-contamination during sample collection and analysis. Only three locations (out of 75) showed BEHP exceedances in consecutive sampling rounds: 28MW0106 (located near SD-5, a site under investigation by AFCEE), 58MW0006E (located at CS-19), and 90WT0013 (located at FS-12). Subsequent sampling rounds at each of these three locations have had results below the MCL. Three wells (49S, 57M2, and 84D) have had a BEHP exceedance in the year 2000 results. Seven wells (28M1, 142M1, 142M2, 146M1, 157D, 168M1, 168M2) have had a BEHP exceedance in the year 2001 results.

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

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

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

There was one exceedance of drinking water criteria for herbicides, at well 41M1. This response well was installed downgradient of the Central Impact Area, as indicated above (see discussion for Figure 4). The exceedance was for the herbicide pentachlorophenol in a sample collected in May 2000. There were no detections of this compound in the three previous sampling rounds in 1999, nor in the subsequent sampling rounds in 2000.

Figure 6: Perchlorate in Groundwater Compared to EPA Limit

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 a limit for perchlorate of 1.5 parts per billion (ppb) specific to Camp Edwards. At present, there are 36 exceedances of the limit of 1.5 ppb for perchlorate.

Exceedances of drinking water criteria for perchlorate are indicated in five general areas:

- Demo Area 1 (wells 19, 31, 34, 35, 73, 75, 76, 77, 78, 114, 129, 139, 165, and 172);
- Central Impact Area (wells 7, 91, 93 and 101);
- J Ranges and southeast of the J Ranges (wells 125, 127, 128, 130, 132, 158, and 163, and wells 90MW0022 and 90MW0054); and
- Northwest of Impact Area (well 66).
- West of Impact Area (well 80)

Rush (Non-Validated) Data

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

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

- Groundwater samples from 58MW0006E (CS-19), 58MW0011D (CS-19), 58MW0016B (CS-19), 90MW0054 (FS-12), MW-18M1 (northwest corner), MW-23M1 (Central Impact Area), MW-25S (Central Impact Area), MW-27S (Central Impact Area), MW-37M2 and M3 (Central Impact Area), MW-38M3 and duplicate (Central Impact Area), MW-38M4 (Central Impact Area), MW-40M1 (Central Impact Area), MW-86M2 and S (Central Impact Area), MW-89M1 (Central Impact Area), MW-93M1 (Central Impact Area), MW-96M2 (Central Impact Area), MW-98M1 (Central Impact Area), MW-99M1 (Central Impact Area), MW-101M1 (Central Impact Area), MW-107M1 (Central Impact Area), MW-111M3 (Central Impact Area), and MW-112M2 (Central Impact Area) had detections of RDX that were confirmed by PDA spectra. These detections were similar to detections in previous sampling rounds except that RDX had not been detected in the last four sampling rounds in MW-38M4.

- Groundwater samples from 58MW0015B and 58MW0018B (CS-19) had detections of RDX that were confirmed by PDA spectra. This is the first time these AFCEE wells have been sampled under the IAGWSP.

- Groundwater samples from 90WT0004 (FS-12) had a detection of HMX that was confirmed by PDA spectra. This detection is similar to detections in previous sampling rounds.

- Groundwater samples from 58MW0016C (CS-19), MW-01M2 (Central Impact Area),MW-58S (J-1 Range), MW-87M1 (Central Impact Area), MW-88M2 (Central Impact Area), MW-89M2 (Central Impact Area), MW-91M1 (Central Impact Area), MW-93M2 (Central Impact Area), MW-100M1 (Central Impact Area), MW-107M2 and duplicate (Central Impact Area) MW-108M4 (Central Impact Area), MW-132S (J-3 Range), and MW-136S (J-1 Range) had detections of HMX and RDX that were confirmed by PDA spectra. These detections are similar to previous sampling rounds, except that HMX was not detected in the previous sampling round of 58MW0016C or in previous rounds in MW-01M2.

- Groundwater samples from 58MW0009E (CS-19) had detections of 2A-DNT, 4A-DNT, RDX, MNX, and HMX that were confirmed by PDA spectra. This is the first time this well has been sampled using method 8330NX and the first time that MNX has been detected. The other explosives have been detected in previous sampling rounds.

- Groundwater samples from MW-98S (Central Impact Area) had a detection of 4A-DNT that was confirmed by PDA spectra. The detection was similar to previous sampling rounds.

- Groundwater samples from MW-130S (J-2 Range) and a duplicate sample had detections of 4A-DNT, RDX, and HMX that were confirmed by PDA spectra. These detections are similar to previous sampling rounds.

- Groundwater samples from 90WT0019 (CS-19) had detections of 1,3,5-trinitrobenzene, 1,3-dinitrobenzene, TNT, 2,6-DNT, 2-nitrotoluene, 3-nitrotoluene, 4-nitrotoluene, 4A-DNT, RDX, picric acid, and tetryl. The detection of RDX was confirmed by PDA spectra, but with interference. The detection of 1,3-dinitrobenzene was not confirmed by PDA spectra, but with interference. 2,6-DNT is the only explosive compound that has a validated detect for this well in prior sampling rounds.

- Groundwater samples from MW-50M1 (Central Impact Area) had detections of 4A-DNT and RDX that were confirmed by PDA spectra. The detections were similar to previous sampling rounds.

- Groundwater samples from 90MW0034 (FS-12) had detections of 1,3,5-trinitrobenzene, 1,3-dinitrobenzene, nitroglycerin, and RDX. The detection of RDX was confirmed by PDA spectra, but with interference. No detections of these analytes have been confirmed in previous sampling rounds.

- Groundwater samples from MW-40S (Central Impact Area) had detections of TNT, 2A-DNT, and 4A-DNT that were confirmed by PDA spectra. The detections were similar to previous sampling rounds.

- Groundwater profile samples from MW-193 (J3P-12) had detections of RDX (1 interval), nitroglycerin (2 intervals), HMX (2 intervals), acetone (2 intervals), and toluene (1 interval). The detections of RDX and HMX were confirmed by PDA spectra.

- Groundwater profile samples from MW-195 (J3P-14) had detections of nitroglycerin (1 interval), acetone (1 interval), and chloroform (4 intervals). The detection of nitroglycerin was not confirmed by PDA spectra.

- Groundwater profile samples from MW-197 (J3P-11) had detections of 1,3,5-trinitrobenzene (1 interval) and chloroform (4 intervals). The detection of 1,3,5-trinitrobenzene was confirmed by PDA spectra, but with interference.

- Groundwater profile samples from MW-198 (J3P-16) had detections of 1,3-dinitrobenzene (1 interval), 2,6-DNT (1 interval), 3-nitrotoluene (1 interval), 4-nitrotoluene (1 interval), RDX 4 intervals), nitrobenzene (1 interval), nitroglycerin (8 intervals), HMX (4 intervals), acetone (4 intervals), benzene (2 intervals), chloroform (10 intervals), and chloromethane (1 interval). The detections of RDX and HMX were confirmed by PDA spectra, with interference in one detection of RDX. The detection of 2,6-DNT was not confirmed by PDA spectra, but with interference.

- Groundwater profile samples from MW-199 (CIAP-18) had detections of 1,3,5-trinitrobenzene (1 interval), 1,3-dinitrobenzene (3 intervals), 2,4-DNT (5 intervals), 3-nitrotoluene (2 intervals), 4-nitrotoluene (2 intervals), RDX (2 intervals), nitroglycerin (5 intervals), HMX (1 interval), and picric acid (5 intervals). The detection of HMX was confirmed by PDA spectra. One of the detections of RDX was not confirmed by PDA spectra, but with interference.

- Groundwater profile samples from MW-200 (CIAP-8) had detections of 1,3,5-trinitrobenzene (2 intervals), 1,3-dinitrobenzene (2 intervals), 2,4-DANT (4 intervals), 2,4-DNT (3 intervals), 2,6-DNT (1 interval), 2A-DNT (1 interval), 2-nitrotoluene (2 intervals), 3-nitrotoluene (2 intervals), 4-nitrotoluene (3 intervals), RDX (7 intervals), nitrobenzene (1 interval), nitroglycerin (7 intervals), and picric acid (5 intervals). The detections of 2,4-DANT were confirmed by PDA spectra. Six of the detections of RDX were confirmed by PDA spectra, but with interference.

- Influent samples from the Mini Pump Test GAC treatment system had detections of RDX, HMX, and perchlorate. The detections of RDX and HMX were confirmed by PDA spectra.

3. DELIVERABLES SUBMITTED

Deliverables submitted during the reporting period include the following:

Draft J-2 Range Additional Delineation Workplan #2	12/03/01
Weekly Progress Update, November 26 - November 30, 2001	12/07/01
November 2001 Monthly Progress Report	12/07/01
Draft Final Demo 1 Soil Report (TM 01-10)	12/10/01
Weekly Progress Update, December 3 - December 7, 2001	12/14/01
J-1, J-3, L Ranges Additional Delineation Workplan #2	12/20/01
Weekly Progress Update, December 10 - December 14, 2001	12/21/01
Draft Summary Report – July 2000 UXO Detonations	12/31/01

4. SCHEDULED ACTIONS

Figure 7 provides a Gantt chart updated to reflect progress and proposed work. Activities scheduled for January and early February include:

- Start Final Demo 1 Soil Report revision
- Continue Central Impact Area Draft Soil Report revision
- Continue Central Impact Area Draft Targets Workplan revision
- Continue HUTA 1 Draft Report revision
- Start HUTA 2 Site #1 Draft Report preparation
- Continue J-2 Range Draft Report revision
- Continue J-1/J-3/L Range Additional Delineation Report preparation
- Continue J-1/J-3 Additional Delineation Workplan #2 revision
- Finish Gun/Mortar Revised Draft Final Report
- Finish Gun/Mortar Final Draft Additional Delineation Workplan
- Finish Phase II (b) Final Report
- Finish Former A/K/Demo 2 Report
- Continue Revised MSP Phase I Draft Report revision
- Continue AirMag Target Lists Final Report revision
- Continue Demo 1 Validation Draft Report revision
- Continue Slit Trench Validation Draft Report revision
- Continue J-1 Range Vehicle Removal Draft Report revision
- Continue ASP Geophysics Draft Report revision
- Continue Former K Range Geophysical Draft Report revision
- Continue Former A Range Geophysical Draft Report revision
- Continue Succonsette Pond Geophysical Draft Report revision
- Continue Demo Area 2 Geophysical Draft Report revision
- Continue Groundwater Monitoring Programs
- Continue Demo 1 Area Soil FS Screening Draft Report revision
- Continue Demo Area 1 Soil Post-Screening Investigation Workplan
- Continue Demo 1 Area Groundwater Draft Feasibility Study revision
- Finish Central Impact Area Draft Pump Test Report
- Continue UXO Feasibility Study Draft Screening Report revision
- Start Demo Area 1 Groundwater Draft Remedy Selection Plan preparation

5. SUMMARY OF ACTIVITIES FOR DEMO 1

The next monitoring well (D1P-9) will be located approximately 600 feet west of Frank Perkins Road at the projected centerline of the plume. Discussions are ongoing regarding the approach to finalize the Groundwater Feasibility Study. Responses to EPA comments on the Draft Feasibility Study for the Groundwater Operable Unit were submitted on December 10th. A comment resolution meeting is scheduled for early January.

TABLE 2
SAMPLING PROGRESS
12/1/2001-12/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
T1.A.0P.007.1.0	T1.0P.007.R	12/14/2001	CRATER GRID	0.50	0.75		
T1.A.0P.007.2.0	T1.0P.007.R	12/14/2001	CRATER GRID	0.50	0.75		
T1.A.0P.007.3.0	T1.0P.007.R	12/14/2001	CRATER GRID	0.50	0.75		
T1.B.0E.002.3.0	T1.0E.002.O	12/07/2001	CRATER GRID	0.50	0.75		
T1.B.0E.002.4.0	T1.0E.002.O	12/07/2001	CRATER GRID	1.00	1.50		
T1.B.0I.030.3.0	T1.0I.030.O	12/07/2001	CRATER GRID	0.50	0.75		
T1.B.0I.030.4.0	T1.0I.030.O	12/07/2001	CRATER GRID	1.00	1.50		
T1.B.0I.033.3.0	T1.0I.033.O	12/07/2001	CRATER GRID	0.75	1.25		
T1.B.0I.033.4.0	T1.0I.033.O	12/07/2001	CRATER GRID	1.75	2.25		
T1.B.0Q.014.3.0	T1.0Q.014.O	12/14/2001	CRATER GRID	0.00	0.25		
T1.B.0Q.014.4.0	T1.0Q.014.O	12/14/2001	CRATER GRID	0.50	1.00		
T3.A.AR.001.1.0	T3.AR.001.R	12/07/2001	CRATER GRID	0.50	0.75		
T3.A.AR.001.2.0	T3.AR.001.R	12/07/2001	CRATER GRID	0.50	0.75		
T3.A.AR.001.3.0	T3.AR.001.R	12/07/2001	CRATER GRID	0.50	0.75		
T3.A.AR.002.1.0	T3.AR.002.R	12/07/2001	CRATER GRID	0.50	0.75		
T3.A.AR.002.2.0	T3.AR.002.R	12/07/2001	CRATER GRID	0.50	0.75		
T3.A.AR.002.3.0	T3.AR.002.R	12/07/2001	CRATER GRID	0.50	0.75		
T3.A.AR.003.1.0	T3.AR.003.R	12/07/2001	CRATER GRID	0.17	0.67		
T3.A.AR.003.2.0	T3.AR.003.R	12/07/2001	CRATER GRID	0.17	0.67		
T3.A.AR.003.3.0	T3.AR.003.R	12/07/2001	CRATER GRID	0.17	0.67		
T3.A.AR.004.1.0	T3.AR.004.R	12/14/2001	CRATER GRID	0.00	0.25		
T3.A.AR.004.2.0	T3.AR.004.R	12/14/2001	CRATER GRID	0.00	0.25		
T3.A.AR.004.3.0	T3.AR.004.R	12/14/2001	CRATER GRID	0.00	0.25		
T3.A.AR.006.1.0	T3.AR.006.R	12/14/2001	CRATER GRID	0.17	0.42		
T3.A.AR.006.2.0	T3.AR.006.R	12/14/2001	CRATER GRID	0.17	0.42		
T3.A.AR.006.3.0	T3.AR.006.R	12/14/2001	CRATER GRID	0.17	0.42		
T3.B.AR.005.3.0	T3.AR.005.O	12/14/2001	CRATER GRID	0.00	0.25		
T3.B.AR.005.4.0	T3.AR.005.O	12/14/2001	CRATER GRID	0.50	1.00		
T5.A.AA.005.1.0	T5.AA.005.R	12/14/2001	CRATER GRID	0.50	0.75		
T5.A.AA.005.2.0	T5.AA.005.R	12/14/2001	CRATER GRID	0.50	0.75		
T5.A.AA.005.3.0	T5.AA.005.R	12/14/2001	CRATER GRID	0.50	0.75		
T5.A.AA.013.1.0	T5.AA.013.R	12/21/2001	CRATER GRID	0.00	0.25		
T5.A.AA.013.2.0	T5.AA.013.R	12/21/2001	CRATER GRID	0.00	0.25		
T5.A.AA.013.3.0	T5.AA.013.R	12/21/2001	CRATER GRID	0.00	0.25		
T5.B.0B.005.3.0	T5.0B.005.O	12/04/2001	CRATER GRID	0.50	0.75		
T5.B.0B.005.4.0	T5.0B.005.O	12/04/2001	CRATER GRID	1.00	1.50		
0.G.0.00127.0.T	TRIP BLANK 127	11/29/2001	FIELD QC	0.00	0.00		
0.G.0.00128.0.T	TRIP BLANK 128	11/30/2001	FIELD QC	0.00	0.00		
0.G.0.00129.0.T	TRIP BLANK 129	11/30/2001	FIELD QC	0.00	0.00		
0.G.0.00130.0.T	TRIP BLANK 130	11/30/2001	FIELD QC	0.00	0.00		
0.G.0.BA01.0.E	RINSATE BA01	11/28/2001	FIELD QC	0.00	0.00		
0.G.0.BA02.0.E	RINSATE BA02	11/29/2001	FIELD QC	0.00	0.00		
0.G.0.BA03.0.E	RINSATE BA03	11/30/2001	FIELD QC	0.00	0.00		
58MW0002E	FIELDQC	12/14/2001	FIELDQC	0.00	0.00		
58MW0006E	FIELDQC	12/13/2001	FIELDQC	0.00	0.00		
58MW0009E	FIELDQC	12/11/2001	FIELDQC	0.00	0.00		
58MW0015AE	FIELDQC	12/12/2001	FIELDQC	0.00	0.00		
58MW0018CE	FIELDQC	12/13/2001	FIELDQC	0.00	0.00		
90LWA0007E	FIELDQC	12/14/2001	FIELDQC	0.00	0.00		

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

TABLE 2
SAMPLING PROGRESS
12/1/2001-12/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
90MW0054E	FIELDQC	12/08/2001	FIELDQC	0.00	0.00		
90WT0005E	FIELDQC	12/11/2001	FIELDQC	0.00	0.00		
90WT0006E	FIELDQC	12/10/2001	FIELDQC	0.00	0.00		
B41FAE	FIELDQC	12/07/2001	FIELDQC	0.00	0.00		
B41JBE	FIELDQC	12/10/2001	FIELDQC	0.00	0.00		
B42DAE	FIELDQC	12/06/2001	FIELDQC	0.00	0.00		
B42KBE	FIELDQC	12/05/2001	FIELDQC	0.00	0.00		
DS101A4AAE	FIELDQC	12/05/2001	FIELDQC	0.00	0.00		
G193DFT	FIELDQC	12/04/2001	FIELDQC	0.00	0.00		
G195DBE	FIELDQC	12/14/2001	FIELDQC	0.00	0.00		
G198DEE	FIELDQC	12/05/2001	FIELDQC	0.00	0.00		
G199DEE	FIELDQC	12/03/2001	FIELDQC	0.00	0.00		
G199DRE	FIELDQC	12/05/2001	FIELDQC	0.00	0.00		
G200DAE	FIELDQC	12/18/2001	FIELDQC	0.00	0.00		
G200DDE	FIELDQC	12/19/2001	FIELDQC	0.00	0.00		
G200DGE	FIELDQC	12/20/2001	FIELDQC	0.00	0.00		
G200DNE	FIELDQC	12/21/2001	FIELDQC	0.00	0.00		
HC05AC1BAE	FIELDQC	12/10/2001	FIELDQC	0.00	0.00		
HC05AF1CAE	FIELDQC	12/11/2001	FIELDQC	0.00	0.00		
HC05NA1AAE	FIELDQC	12/12/2001	FIELDQC	0.00	0.00		
HC05NA1AAT	FIELDQC	12/12/2001	FIELDQC	0.00	0.00		
HC05OB1AAT	FIELDQC	12/11/2001	FIELDQC	0.00	0.00		
HC101KE1AAT	FIELDQC	12/13/2001	FIELDQC	0.00	0.00		
HC101KE1HAE	FIELDQC	12/13/2001	FIELDQC	0.00	0.00		
HC101KF1AAE	FIELDQC	12/14/2001	FIELDQC	0.00	0.00		
HC101KI1AAE	FIELDQC	12/17/2001	FIELDQC	0.00	0.00		
HC101LD1CAE	FIELDQC	12/19/2001	FIELDQC	0.00	0.00		
HC101LE1CAT	FIELDQC	12/19/2001	FIELDQC	0.00	0.00		
HC101LG1BAE	FIELDQC	12/17/2001	FIELDQC	0.00	0.00		
HC101NA1AAE	FIELDQC	12/03/2001	FIELDQC	0.00	0.00		
HC101NA1AAE	FIELDQC	12/04/2001	FIELDQC	0.00	0.00		
HC101NA1AAF	FIELDQC	12/05/2001	FIELDQC	0.00	0.00		
HC101NL1AAT	FIELDQC	12/18/2001	FIELDQC	0.00	0.00		
HC101NM1AAE	FIELDQC	12/18/2001	FIELDQC	0.00	0.00		
PHUSGSDP0001E	FIELDQC	12/11/2001	FIELDQC	0.00	0.00		
SC17401E	FIELDQC	12/06/2001	FIELDQC	0.00	0.00		
SC18302E	FIELDQC	12/07/2001	FIELDQC	0.00	0.00		
SC19001E	FIELDQC	12/15/2001	FIELDQC	0.00	0.00		
SDW261160T	FIELDQC	12/10/2001	FIELDQC	0.00	0.00		
W135M1F	FIELDQC	12/05/2001	FIELDQC	0.00	0.00		
W135M1T	FIELDQC	12/05/2001	FIELDQC	0.00	0.00		
W141M2T	FIELDQC	12/17/2001	FIELDQC	0.00	0.00		
W15M2T	FIELDQC	12/03/2001	FIELDQC	0.00	0.00		
W169M2E	FIELDQC	12/20/2001	FIELDQC	0.00	0.00		
W45SST	FIELDQC	12/14/2001	FIELDQC	0.00	0.00		
W53DDT	FIELDQC	12/07/2001	FIELDQC	0.00	0.00		
W87M3T	FIELDQC	12/06/2001	FIELDQC	0.00	0.00		
T1.B.0E.002.2.0	T1.0E.002.O	12/07/2001	GAUZE WIPE	0.50	0.50		
T1.B.0I.030.2.0	T1.0I.030.O	12/07/2001	GAUZE WIPE	0.50	0.50		

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TABLE 2
SAMPLING PROGRESS
12/1/2001-12/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
T1.B.0I.033.2.0	T1.0I.033.O	12/07/2001	GAUZE WIPE	0.25	0.25		
T1.B.0Q.014.2.0	T1.0Q.014.O	12/14/2001	GAUZE WIPE	0.00	0.00		
T3.B.AR.005.2.0	T3.AR.005.O	12/14/2001	GAUZE WIPE	0.00	0.00		
T5.B.0B.005.2.0	T5.0B.005.O	12/04/2001	GAUZE WIPE	0.50	0.50		
58MW0002	58MW0002	12/14/2001	GROUNDWATER	121.80	126.80	4.00	9.00
58MW0003	58MW0003	12/15/2001	GROUNDWATER	119.00	124.00	0.30	5.30
58MW0006E	58MW0006E	12/13/2001	GROUNDWATER	109.00	119.00	0.00	10.00
58MW0007C	58MW0007C	12/12/2001	GROUNDWATER	152.80	157.80	56.00	66.00
58MW0007CD	58MW0007C	12/12/2001	GROUNDWATER	152.80	157.80	56.00	66.00
58MW0007E	58MW0007E	12/12/2001	GROUNDWATER	134.00	139.00	0.00	5.00
58MW0009C	58MW0009C	12/11/2001	GROUNDWATER	168.00	173.20	41.57	47.57
58MW0009CD	58MW0009C	12/11/2001	GROUNDWATER	168.00	173.20	41.57	47.57
58MW0009E	58MW0009E	12/11/2001	GROUNDWATER	133.40	138.40	6.50	11.50
58MW0011D	58MW0011D	12/11/2001	GROUNDWATER	175.40	180.40	49.50	54.50
58MW0011E	58MW0011E	12/11/2001	GROUNDWATER	145.00	150.00	15.70	20.70
58MW0011E	58MW0011E	12/13/2001	GROUNDWATER	145.00	150.00	15.70	20.70
58MW0015A	58MW0015A	12/12/2001	GROUNDWATER	160.00	170.00	39.00	51.20
58MW0015B	58MW0015B	12/12/2001	GROUNDWATER	130.00	140.00	12.70	22.70
58MW0016A	58MW0016A	12/11/2001	GROUNDWATER	175.00	185.00	54.22	63.22
58MW0016B	58MW0016B	12/11/2001	GROUNDWATER	150.00	160.00	28.50	38.50
58MW0016B	58MW0016B	12/13/2001	GROUNDWATER	150.00	160.00	28.50	38.50
58MW0016C	58MW0016C	12/11/2001	GROUNDWATER	116.00	126.00	0.00	10.00
58MW0018A	58MW0018A	12/14/2001	GROUNDWATER	202.70	211.70	60.85	69.85
58MW0018B	58MW0018B	12/13/2001	GROUNDWATER	176.00	186.00	34.55	44.55
58MW0018C	58MW0018C	12/13/2001	GROUNDWATER	150.00	160.00	8.56	18.56
90LWA0007	90LWA0007	12/14/2001	GROUNDWATER	92.00	102.00	0.00	10.00
90MW0003	90MW0003	12/08/2001	GROUNDWATER	144.00	149.00	52.11	57.11
90MW0022	90MW0022	12/10/2001	GROUNDWATER	112.00	117.00	72.79	77.79
90MW0034	90MW0034	12/07/2001	GROUNDWATER	94.00	99.00	28.57	33.57
90MW0034	90MW0034	12/08/2001	GROUNDWATER	94.00	99.00	28.57	33.57
90MW0034D	90MW0034	12/08/2001	GROUNDWATER	94.00	99.00	28.57	33.57
90MW0041	90MW0041	12/06/2001	GROUNDWATER	125.00	130.00	31.50	36.50
90MW0054	90MW0054	12/08/2001	GROUNDWATER	107.00	112.00	91.83	96.83
90MW0054	90MW0054	12/13/2001	GROUNDWATER	107.00	112.00	91.83	96.83
90MW0063	90MW0063	12/10/2001	GROUNDWATER	50.00	55.00	32.50	37.50
90MW0070	90MW0070	12/08/2001	GROUNDWATER	132.50	137.50	78.00	83.00
90MW0071	90MW0071	12/08/2001	GROUNDWATER	150.00	155.00	82.00	87.00
90MW0080	90MW0080	12/08/2001	GROUNDWATER	139.00	144.00	0.00	10.00
90WT0003	90WT0003	12/10/2001	GROUNDWATER	87.50	97.50	0.00	10.00
90WT0004	90WT0004	12/10/2001	GROUNDWATER	35.00	45.00	3.00	13.00
90WT0005	90WT0005	12/11/2001	GROUNDWATER	47.00	57.00	0.00	10.00
90WT0006	90WT0006	12/10/2001	GROUNDWATER	95.00	105.00	0.00	10.00
90WT0019	90WT0019	12/11/2001	GROUNDWATER	96.00	106.00	0.00	10.00
95-6A	95-6A	12/17/2001	GROUNDWATER	175.00	185.00	146.00	156.00
95-6B	95-6B	12/17/2001	GROUNDWATER	119.00	129.00	94.00	104.00
95-6ES	95-6ES	12/19/2001	GROUNDWATER	38.00	48.00	0.00	10.00
97-1	97-1	12/08/2001	GROUNDWATER	83.00	93.00	62.00	72.00
97-3	97-3	12/08/2001	GROUNDWATER	75.00	85.00	36.00	46.00
ASPWELL	ASPWELL	12/19/2001	GROUNDWATER				

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SAMPLING PROGRESS
12/1/2001-12/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
ECMWSNP02D	ECMWSNP02D	12/11/2001	GROUNDWATER			79.90	84.90
ECMWSNP02S	ECMWSNP02S	12/11/2001	GROUNDWATER			79.90	84.90
PHUSGSDP0001A	PHUSGSDP0001A	12/11/2001	GROUNDWATER				
PHUSGSDP0002A	PHUSGSDP0002A	12/11/2001	GROUNDWATER				
PHUSGSDP0002D	PHUSGSDP0002A	12/11/2001	GROUNDWATER				
PHUSGSDP0002D	PHUSGSDP0002D	12/11/2001	GROUNDWATER				
PHUSGSDP0003A	PHUSGSDP0003A	12/11/2001	GROUNDWATER				
PHUSGSDP0004A	PHUSGSDP0004A	12/11/2001	GROUNDWATER				
PHUSGSDP0005A	PHUSGSDP0005A	12/11/2001	GROUNDWATER				
PHUSGSDP0006A	PHUSGSDP0006A	12/11/2001	GROUNDWATER				
PHUSGSDP0007A	PHUSGSDP0007A	12/11/2001	GROUNDWATER				
SDW261160	SDW261160	12/08/2001	GROUNDWATER	152.00	162.00	10.00	20.00
SDW263111	SDW263111	12/08/2001	GROUNDWATER	99.00	109.00	0.00	10.00
W02SSA	MW-2	12/01/2001	GROUNDWATER	137.00	147.00	0.00	10.00
W03DDA	MW-3	12/01/2001	GROUNDWATER	262.00	267.00	219.00	224.00
W07DDA	MW-7	12/01/2001	GROUNDWATER	332.00	342.00	227.00	237.00
W07M1A	MW-7	12/01/2001	GROUNDWATER	240.00	245.00	135.00	140.00
W07M1A	MW-7	12/03/2001	GROUNDWATER	240.00	245.00	135.00	140.00
W102M1A	MW-102	12/05/2001	GROUNDWATER	267.00	277.00	123.00	133.00
W102M1A	MW-102	12/19/2001	GROUNDWATER	267.00	277.00	123.00	133.00
W102M2A	MW-102	12/06/2001	GROUNDWATER	237.00	247.00	93.00	103.00
W102M2A	MW-102	12/19/2001	GROUNDWATER	237.00	247.00	93.00	103.00
W103M1A	MW-103	12/05/2001	GROUNDWATER	298.00	308.00	156.00	166.00
W103M1D	MW-103	12/05/2001	GROUNDWATER	298.00	308.00	156.00	166.00
W103M2A	MW-103	12/05/2001	GROUNDWATER	282.00	292.00	140.00	150.00
W104SSA	MW-104	12/16/2001	GROUNDWATER	118.00	128.00	0.00	10.00
W108DDA	MW-108	12/06/2001	GROUNDWATER	317.00	327.00	153.00	163.00
W108M1A	MW-108	12/06/2001	GROUNDWATER	297.00	307.00	133.00	143.00
W108M1A	MW-108	12/27/2001	GROUNDWATER	297.00	307.00	133.00	143.00
W108M1D	MW-108	12/27/2001	GROUNDWATER	297.00	307.00	133.00	143.00
W108M2A	MW-108	12/06/2001	GROUNDWATER	282.00	292.00	118.00	128.00
W108M3A	MW-108	12/05/2001	GROUNDWATER	262.00	272.00	98.00	108.00
W108M3A	MW-108	12/27/2001	GROUNDWATER	262.00	272.00	98.00	108.00
W108M4A	MW-108	12/05/2001	GROUNDWATER	240.00	250.00	76.00	86.00
W108M4A	MW-108	12/27/2001	GROUNDWATER	240.00	250.00	76.00	86.00
W10DDA	MW-10	12/04/2001	GROUNDWATER	351.50	361.50	204.00	214.00
W110M1A	MW-110	12/05/2001	GROUNDWATER	315.50	325.50	142.00	152.00
W110M1A	MW-110	12/28/2001	GROUNDWATER	315.50	325.50	142.00	152.00
W110M2A	MW-110	12/05/2001	GROUNDWATER	248.50	258.50	75.00	85.00
W110M2A	MW-110	12/28/2001	GROUNDWATER	248.50	258.50	75.00	85.00
W110M3A	MW-110	12/05/2001	GROUNDWATER	220.50	230.50	47.00	57.00
W111M1A	MW-111	12/04/2001	GROUNDWATER	224.00	234.00	92.00	102.00
W111M2A	MW-111	12/04/2001	GROUNDWATER	182.00	192.00	50.00	60.00
W111M3A	MW-111	12/04/2001	GROUNDWATER	182.00	192.00	50.00	60.00
W113M1A	MW-113	12/03/2001	GROUNDWATER	240.00	250.00	98.00	108.00
W113M2A	MW-113	12/03/2001	GROUNDWATER	190.00	200.00	48.00	58.00
W114M1A	MW-114	12/21/2001	GROUNDWATER	177.00	187.00	96.00	106.00
W120SSA	MW-120	12/16/2001	GROUNDWATER	103.00	113.00	0.00	10.00
W123M1A	MW-123	12/06/2001	GROUNDWATER	291.00	301.00	153.00	163.00

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12/1/2001-12/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W123M2A	MW-123	12/06/2001	GROUNDWATER	236.00	246.00	98.00	108.00
W124M1A	MW-124	12/06/2001	GROUNDWATER	234.00	244.00	98.00	108.00
W124M2A	MW-124	12/06/2001	GROUNDWATER	219.00	229.00	83.00	93.00
W125M1A	MW-125	12/01/2001	GROUNDWATER	232.00	242.00	182.00	192.00
W126M1A	MW-126	12/03/2001	GROUNDWATER	118.00	128.00	19.00	29.00
W126SSA	MW-126	12/01/2001	GROUNDWATER	99.00	109.00	0.00	10.00
W127SSA	MW-127	12/01/2001	GROUNDWATER	99.00	109.00	0.00	10.00
W128SSA	MW-128	12/13/2001	GROUNDWATER	87.00	97.00	0.00	10.00
W129M1A	MW-129	12/21/2001	GROUNDWATER	136.00	146.00	66.00	76.00
W129M2A	MW-129	12/21/2001	GROUNDWATER	116.00	126.00	46.00	56.00
W129M3A	MW-129	12/21/2001	GROUNDWATER	96.00	106.00	26.00	36.00
W130M1A	MW-130	12/13/2001	GROUNDWATER	160.00	170.00	57.00	67.00
W130SSA	MW-130	12/13/2001	GROUNDWATER	103.00	113.00	0.00	10.00
W130SSD	MW-130	12/13/2001	GROUNDWATER	103.00	113.00	0.00	10.00
W131M1A	MW-131	12/13/2001	GROUNDWATER	300.00	310.00	204.00	214.00
W131M2A	MW-131	12/14/2001	GROUNDWATER	195.00	205.00	99.00	109.00
W131SSA	MW-131	12/13/2001	GROUNDWATER	96.00	106.00	0.00	10.00
W131SSD	MW-131	12/13/2001	GROUNDWATER	96.00	106.00	0.00	10.00
W132M1A	MW-132	12/12/2001	GROUNDWATER	224.00	234.00	187.00	197.00
W132SSA	MW-132	12/12/2001	GROUNDWATER	37.00	47.00	0.00	10.00
W133M1A	MW-133	12/18/2001	GROUNDWATER	352.00	362.00	136.00	146.00
W133M2A	MW-133	12/18/2001	GROUNDWATER	321.00	331.00	105.00	115.00
W135M1A	MW-135	12/05/2001	GROUNDWATER	319.00	329.00	133.00	143.00
W135M1A	MW-135	12/18/2001	GROUNDWATER	319.00	329.00	133.00	143.00
W135M2A	MW-135	12/05/2001	GROUNDWATER	280.00	290.00	94.00	104.00
W135M2A	MW-135	12/18/2001	GROUNDWATER	280.00	290.00	133.00	143.00
W135M2D	MW-135	12/18/2001	GROUNDWATER	280.00	290.00	133.00	143.00
W135M3A	MW-135	12/04/2001	GROUNDWATER	239.00	249.00	53.00	63.00
W135M3A	MW-135	12/18/2001	GROUNDWATER	239.00	249.00	53.00	63.00
W136M1A	MW-136	12/12/2001	GROUNDWATER	124.00	134.00	17.00	27.00
W136SSA	MW-136	12/12/2001	GROUNDWATER	107.00	117.00	0.00	10.00
W139M1A	MW-139	12/27/2001	GROUNDWATER	194.00	204.00	110.00	120.00
W139M2A	MW-139	12/27/2001	GROUNDWATER	154.00	164.00	70.00	80.00
W139M3A	MW-139	12/27/2001	GROUNDWATER	119.00	129.00	35.00	45.00
W13DDA	MW-13	12/12/2001	GROUNDWATER	220.00	225.00	145.00	150.00
W141M1A	MW-141	12/15/2001	GROUNDWATER	190.00	200.00	62.00	72.00
W141M1D	MW-141	12/15/2001	GROUNDWATER	190.00	200.00	62.00	72.00
W141M2A	MW-141	12/16/2001	GROUNDWATER	162.00	172.00	34.00	44.00
W141SSA	MW-141	12/16/2001	GROUNDWATER	128.00	138.00	0.00	10.00
W141SSD	MW-141	12/16/2001	GROUNDWATER	128.00	138.00	0.00	10.00
W15M1A	MW-15	12/03/2001	GROUNDWATER	163.00	173.00	55.00	65.00
W15M2A	MW-15	12/03/2001	GROUNDWATER	144.00	154.00	36.00	46.00
W15M3A	MW-15	12/03/2001	GROUNDWATER	124.00	134.00	16.00	26.00
W169M1A	MW-169	12/20/2001	GROUNDWATER	154.00	159.00	151.00	156.00
W169M2A	MW-169	12/20/2001	GROUNDWATER	113.50	118.50	111.00	116.00
W16DDA	MW-16	12/17/2001	GROUNDWATER	355.00	360.00	223.00	228.00
W16DDD	MW-16	12/17/2001	GROUNDWATER	355.00	360.00	223.00	228.00
W16SSA	MW-16	12/18/2001	GROUNDWATER	125.00	135.00	0.00	10.00
W171M1A	MW-171	12/21/2001	GROUNDWATER	141.00	146.00	139.50	144.50

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12/1/2001-12/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W171M2A	MW-171	12/21/2001	GROUNDWATER	81.00	86.00	79.50	84.50
W171M3A	MW-171	12/20/2001	GROUNDWATER	29.00	34.00	27.50	32.50
W17DDA	MW-17	12/18/2001	GROUNDWATER	320.00	330.00	196.00	206.00
W18M1A	MW-18	12/10/2001	GROUNDWATER	171.00	176.00	128.00	133.00
W18M2A	MW-18	12/10/2001	GROUNDWATER	107.00	112.00	64.00	69.00
W19DDA	MW-19	12/16/2001	GROUNDWATER	293.00	298.00	254.00	259.00
W19SSA	MW-19	12/27/2001	GROUNDWATER	38.00	48.00	0.00	10.00
W21M3A	MW-21	12/20/2001	GROUNDWATER	196.00	206.00	28.00	38.00
W21SSA	MW-21	12/20/2001	GROUNDWATER	164.00	174.00	0.00	10.00
W23DDA	MW-23	12/07/2001	GROUNDWATER	272.00	282.00	149.00	159.00
W23M1A	MW-23	12/06/2001	GROUNDWATER	225.00	235.00	103.00	113.00
W23M2A	MW-23	12/06/2001	GROUNDWATER	189.00	194.00	67.00	72.00
W25SSA	MW-25	12/01/2001	GROUNDWATER	108.00	118.00	0.00	10.00
W30SSA	MW-30	12/19/2001	GROUNDWATER	26.00	36.00	0.00	10.00
W33DDA	MW-33	12/26/2001	GROUNDWATER	181.50	186.50	85.00	90.00
W33MMA	MW-33	12/26/2001	GROUNDWATER	161.50	171.50	65.00	75.00
W34M1A	MW-34	12/26/2001	GROUNDWATER	151.00	161.00	73.00	83.00
W34M2A	MW-34	12/26/2001	GROUNDWATER	131.00	141.00	53.00	63.00
W34M3A	MW-34	12/26/2001	GROUNDWATER	111.00	121.00	33.00	43.00
W35M1A	MW-35	12/21/2001	GROUNDWATER	155.00	165.00	68.00	78.00
W35M2A	MW-35	12/21/2001	GROUNDWATER	100.00	110.00	13.00	23.00
W37M1A	MW-37	12/01/2001	GROUNDWATER	181.00	191.00	62.00	72.00
W37M2A	MW-37	12/01/2001	GROUNDWATER	145.00	155.00	26.00	36.00
W37M3A	MW-37	12/01/2001	GROUNDWATER	130.00	140.00	11.00	21.00
W39M1A	MW-39	12/15/2001	GROUNDWATER	220.00	230.00	84.00	94.00
W39M2A	MW-39	12/15/2001	GROUNDWATER	175.00	185.00	39.00	49.00
W42M1A	MW-42	12/18/2001	GROUNDWATER	205.00	215.00	137.00	147.00
W42M2A	MW-42	12/17/2001	GROUNDWATER	186.00	196.00	118.00	128.00
W42M3A	MW-42	12/17/2001	GROUNDWATER	166.00	176.00	118.00	128.00
W42M3D	MW-42	12/17/2001	GROUNDWATER	166.00	176.00	118.00	128.00
W43M1A	MW-43	12/15/2001	GROUNDWATER	223.00	233.00	90.00	100.00
W43M2A	MW-43	12/15/2001	GROUNDWATER	200.00	210.00	67.00	77.00
W45M2A	MW-45	12/17/2001	GROUNDWATER	110.00	120.00	18.00	28.00
W45SSA	MW-45	12/14/2001	GROUNDWATER	89.00	99.00	0.00	10.00
W46M1A	MW-46	12/20/2001	GROUNDWATER	262.00	272.00	103.00	113.00
W46M1D	MW-46	12/20/2001	GROUNDWATER	262.00	272.00	103.00	113.00
W46M2A	MW-46	12/20/2001	GROUNDWATER	215.00	225.00	56.00	66.00
W47DDA	MW-47	12/19/2001	GROUNDWATER	194.00	204.00	100.00	110.00
W47M1A	MW-47	12/19/2001	GROUNDWATER	169.00	179.00	75.00	85.00
W47M2A	MW-47	12/20/2001	GROUNDWATER	131.50	141.50	38.00	48.00
W47M2D	MW-47	12/20/2001	GROUNDWATER	131.50	141.50	38.00	48.00
W47M3A	MW-47	12/19/2001	GROUNDWATER	115.00	125.00	21.00	31.00
W49M1A	MW-49	12/14/2001	GROUNDWATER	160.00	170.00	90.00	100.00
W50DDA	MW-50	12/04/2001	GROUNDWATER	237.00	247.00	119.00	129.00
W50M1A	MW-50	12/04/2001	GROUNDWATER	207.00	217.00	89.00	99.00
W50M2A	MW-50	12/04/2001	GROUNDWATER	177.00	187.00	59.00	69.00
W50M3A	MW-50	12/04/2001	GROUNDWATER	147.00	157.00	29.00	39.00
W51DDA	MW-51	12/17/2001	GROUNDWATER	264.00	274.00	118.00	128.00
W51M1A	MW-51	12/17/2001	GROUNDWATER	234.00	244.00	88.00	98.00

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
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BWTS = Depth below water table, start depth, measured in feet
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TABLE 2
SAMPLING PROGRESS
12/1/2001-12/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W51M3A	MW-51	12/06/2001	GROUNDWATER	173.00	183.00	28.00	38.00
W52DDA	MW-52	12/10/2001	GROUNDWATER	369.00	379.00	218.00	228.00
W52M3A	MW-52	12/07/2001	GROUNDWATER	210.00	215.00	59.00	64.00
W53DDA	MW-53	12/07/2001	GROUNDWATER	283.00	293.00	158.00	168.00
W53DDD	MW-53	12/07/2001	GROUNDWATER	283.00	293.00	158.00	168.00
W53M1A	MW-53	12/07/2001	GROUNDWATER	224.00	234.00	99.00	109.00
W54M1A	MW-54	12/07/2001	GROUNDWATER	230.00	240.00	79.00	89.00
W54M2A	MW-54	12/07/2001	GROUNDWATER	210.00	220.00	59.00	69.00
W55M1A	MW-55	12/14/2001	GROUNDWATER	225.00	235.00	89.00	99.00
W55M2A	MW-55	12/14/2001	GROUNDWATER	195.00	205.00	59.00	69.00
W57DDA	MW-57	12/19/2001	GROUNDWATER	213.00	223.00	127.00	137.00
W57M1A	MW-57	12/19/2001	GROUNDWATER	188.00	198.00	102.00	112.00
W57M2A	MW-57	12/19/2001	GROUNDWATER	148.00	158.00	62.00	72.00
W57M3A	MW-57	12/19/2001	GROUNDWATER	117.00	127.00	31.00	41.00
W57M3D	MW-57	12/19/2001	GROUNDWATER	117.00	127.00	31.00	41.00
W57SSA	MW-57	12/19/2001	GROUNDWATER	85.00	95.00	0.00	10.00
W58SSA	MW-58	12/12/2001	GROUNDWATER	100.00	110.00	0.00	10.00
W65SSA	MW-65	12/10/2001	GROUNDWATER	116.00	126.00	1.00	11.00
W66SSA	MW-66	12/10/2001	GROUNDWATER	126.00	136.00	7.00	17.00
W66SSD	MW-66	12/10/2001	GROUNDWATER	126.00	136.00	7.00	17.00
W67M1A	MW-67	12/10/2001	GROUNDWATER	243.00	253.00	83.00	93.00
W67SSA	MW-67	12/10/2001	GROUNDWATER	161.00	171.00	1.00	11.00
W68SSA	MW-68	12/20/2001	GROUNDWATER	84.00	94.00	0.00	10.00
W69SSA	MW-69	12/19/2001	GROUNDWATER	110.00	120.00	0.00	10.00
W72SSA	MW-72	12/06/2001	GROUNDWATER	106.00	116.00	0.00	10.00
W76M1A	MW-76	12/28/2001	GROUNDWATER	125.00	135.00	58.00	68.00
W76SSA	MW-76	12/28/2001	GROUNDWATER	85.00	95.00	18.00	28.00
W77M1A	MW-77	12/26/2001	GROUNDWATER	180.00	190.00	98.00	108.00
W77M2A	MW-77	12/26/2001	GROUNDWATER	120.00	130.00	38.00	48.00
W77SSA	MW-77	12/26/2001	GROUNDWATER	83.00	93.00	1.00	11.00
W78M1A	MW-78	12/27/2001	GROUNDWATER	135.00	145.00	58.00	68.00
W78M2A	MW-78	12/28/2001	GROUNDWATER	115.00	125.00	38.00	48.00
W78M3A	MW-78	12/28/2001	GROUNDWATER	85.00	95.00	8.00	18.00
W80M1A	MW-80	12/20/2001	GROUNDWATER	130.00	140.00	86.00	96.00
W81M1A	MW-81	12/20/2001	GROUNDWATER	128.00	138.00	100.00	110.00
W84DDA	MW-84	12/20/2001	GROUNDWATER	190.00	200.00	153.00	163.00
W84M1A	MW-84	12/20/2001	GROUNDWATER	140.00	150.00	103.00	113.00
W85M1A	MW-85	12/15/2001	GROUNDWATER	137.50	145.50	22.00	32.00
W85SSA	MW-85	12/15/2001	GROUNDWATER	116.00	126.00	1.00	11.00
W85SSD	MW-85	12/15/2001	GROUNDWATER	116.00	126.00	1.00	11.00
W87M1A	MW-87	12/03/2001	GROUNDWATER	194.00	204.00	62.00	72.00
W87M2A	MW-87	12/07/2001	GROUNDWATER	169.00	179.00	37.00	47.00
W87M3A	MW-87	12/06/2001	GROUNDWATER	140.00	150.00	8.00	18.00
W87M3D	MW-87	12/06/2001	GROUNDWATER	140.00	150.00	8.00	18.00
W88M1A	MW-88	12/04/2001	GROUNDWATER	233.00	243.00	92.00	102.00
W88M2A	MW-88	12/04/2001	GROUNDWATER	213.00	223.00	72.00	82.00
W88M3A	MW-88	12/04/2001	GROUNDWATER	173.00	183.00	32.00	42.00
W89M1A	MW-89	12/04/2001	GROUNDWATER	234.00	244.00	92.00	102.00
W89M2A	MW-89	12/03/2001	GROUNDWATER	214.00	224.00	72.00	82.00

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TABLE 2
SAMPLING PROGRESS
12/1/2001-12/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W89M3A	MW-89	12/01/2001	GROUNDWATER	174.00	184.00	32.00	42.00
W89M3D	MW-89	12/01/2001	GROUNDWATER	174.00	184.00	32.00	42.00
W90M1A	MW-90	12/16/2001	GROUNDWATER	145.00	155.00	27.00	37.00
W90SSA	MW-90	12/16/2001	GROUNDWATER	118.00	128.00	0.00	10.00
W91SSA	MW-91	12/20/2001	GROUNDWATER	124.00	134.00	0.00	10.00
W95M1A	MW-95	12/15/2001	GROUNDWATER	202.00	212.00	78.00	88.00
W95M2A	MW-95	12/15/2001	GROUNDWATER	167.00	177.00	43.00	53.00
W95SSA	MW-95	12/15/2001	GROUNDWATER	125.00	135.00	1.00	11.00
W97M1A	MW-97	12/15/2001	GROUNDWATER	235.00	245.00	112.00	122.00
W97M2A	MW-97	12/15/2001	GROUNDWATER	185.00	195.00	62.00	72.00
W97M3A	MW-97	12/16/2001	GROUNDWATER	140.00	150.00	17.00	27.00
DW120401	GAC WATER	12/04/2001	IDW	0.00	0.00		
DW120701	GAC WATER	12/07/2001	IDW	0.00	0.00		
PW1MTEFF1A	GAC WATER	12/05/2001	IDW	0.00	0.00		
PW1MTEFF1B	GAC WATER	12/05/2001	IDW	0.00	0.00		
PW1MTEFF2A	GAC WATER	12/05/2001	IDW	0.00	0.00		
PW1MTEFF2B	GAC WATER	12/05/2001	IDW	0.00	0.00		
PW1MTINF1	GAC WATER	12/05/2001	IDW	0.00	0.00		
PW1MTINF2	GAC WATER	12/05/2001	IDW	0.00	0.00		
FS12TSEF	FS12TSEF	12/03/2001	PROCESS WATEF	0.00	0.00		
FS12TSIN	FS12TSIN	12/03/2001	PROCESS WATEF	0.00	0.00		
G193DAA	MW-193	12/03/2001	PROFILE	33.00	35.00	0.00	2.70
G193DBA	MW-193	12/03/2001	PROFILE	40.00	45.00	7.70	12.70
G193DBD	MW-193	12/03/2001	PROFILE	40.00	45.00	7.70	12.70
G193DCA	MW-193	12/03/2001	PROFILE	50.00	55.00	17.70	22.70
G193DDA	MW-193	12/03/2001	PROFILE	60.00	65.00	27.70	32.70
G193DEA	MW-193	12/04/2001	PROFILE	70.00	75.00	37.70	42.70
G193DFA	MW-193	12/04/2001	PROFILE	80.00	85.00	47.70	52.70
G195DAA	MW-195	12/13/2001	PROFILE	35.00	40.00	0.10	5.10
G195DBA	MW-195	12/14/2001	PROFILE	45.00	50.00	10.10	15.10
G195DCA	MW-195	12/14/2001	PROFILE	55.00	60.00	20.10	25.10
G195DDA	MW-195	12/14/2001	PROFILE	65.00	70.00	30.10	35.10
G195DEA	MW-195	12/14/2001	PROFILE	75.00	80.00	40.10	45.10
G195DFA	MW-195	12/14/2001	PROFILE	85.00	90.00	50.10	55.10
G195DGA	MW-195	12/14/2001	PROFILE	95.00	100.00	60.10	65.10
G195DHA	MW-195	12/19/2001	PROFILE	105.00	110.00	70.10	75.10
G197DLA	MW-197	12/12/2001	PROFILE	130.00	135.00	109.60	114.60
G197DMA	MW-197	12/12/2001	PROFILE	140.00	145.00	119.60	124.60
G197DNA	MW-197	12/12/2001	PROFILE	150.00	155.00	129.60	134.60
G197DOA	MW-197	12/13/2001	PROFILE	160.00	165.00	139.60	144.60
G198DAA	MW-198	12/04/2001	PROFILE	20.00	25.00	0.00	4.60
G198DBA	MW-198	12/04/2001	PROFILE	30.00	35.00	9.60	14.60
G198DBD	MW-198	12/04/2001	PROFILE	30.00	35.00	9.60	14.60
G198DCA	MW-198	12/05/2001	PROFILE	40.00	45.00	19.60	24.60
G198DDA	MW-198	12/05/2001	PROFILE	50.00	55.00	29.60	34.60
G198DFA	MW-198	12/05/2001	PROFILE	70.00	75.00	49.60	54.60
G198DGA	MW-198	12/05/2001	PROFILE	80.00	85.00	59.60	64.60
G198DGD	MW-198	12/05/2001	PROFILE	80.00	85.00	59.60	64.60
G198DHA	MW-198	12/05/2001	PROFILE	90.00	95.00	69.60	74.60

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12/1/2001-12/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G198DIA	MW-198	12/05/2001	PROFILE	100.00	105.00	79.60	84.60
G198DJA	MW-198	12/11/2001	PROFILE	110.00	115.00	89.60	94.60
G198DKA	MW-198	12/11/2001	PROFILE	120.00	125.00	99.60	104.60
G198DLA	MW-198	12/11/2001	PROFILE	130.00	135.00	109.60	114.60
G198DMA	MW-198	12/11/2001	PROFILE	140.00	145.00	119.60	124.60
G198DNA	MW-198	12/11/2001	PROFILE	150.00	155.00	129.60	134.60
G198GEA	MW-198	12/05/2001	PROFILE	60.00	65.00	39.60	44.60
G199DEA	MW-199	12/03/2001	PROFILE	190.00	190.00	55.50	55.50
G199DFA	MW-199	12/03/2001	PROFILE	200.00	200.00	65.50	65.50
G199DGA	MW-199	12/03/2001	PROFILE	210.00	210.00	75.50	75.50
G199DHA	MW-199	12/03/2001	PROFILE	220.00	220.00	85.50	85.50
G199DIA	MW-199	12/03/2001	PROFILE	230.00	230.00	95.50	95.50
G199DJA	MW-199	12/03/2001	PROFILE	240.00	240.00	105.50	105.50
G199DKA	MW-199	12/03/2001	PROFILE	250.00	250.00	115.50	115.50
G199DLA	MW-199	12/03/2001	PROFILE	260.00	260.00	125.50	125.50
G199DMA	MW-199	12/03/2001	PROFILE	270.00	270.00	135.50	135.50
G199DNA	MW-199	12/03/2001	PROFILE	280.00	280.00	145.50	145.50
G199DOA	MW-199	12/03/2001	PROFILE	290.00	290.00	155.50	155.50
G199DOD	MW-199	12/03/2001	PROFILE	290.00	290.00	155.50	155.50
G199DRA	MW-199	12/05/2001	PROFILE	320.00	320.00	185.50	185.50
G200DAA	MW-200	12/18/2001	PROFILE	205.00	205.00		
G200DAD	MW-200	12/18/2001	PROFILE	205.00	205.00		
G200DBA	MW-200	12/18/2001	PROFILE	210.00	210.00		
G200DCA	MW-200	12/18/2001	PROFILE	220.00	220.00		
G200DDA	MW-200	12/19/2001	PROFILE	230.00	230.00		
G200DEA	MW-200	12/19/2001	PROFILE	240.00	240.00		
G200DFA	MW-200	12/20/2001	PROFILE	250.00	250.00		
G200DGA	MW-200	12/20/2001	PROFILE	260.00	260.00		
G200DHA	MW-200	12/20/2001	PROFILE	270.00	270.00		
G200DIA	MW-200	12/20/2001	PROFILE	280.00	280.00		
G200DJA	MW-200	12/21/2001	PROFILE	290.00	290.00		
G200DKA	MW-200	12/21/2001	PROFILE	300.00	300.00		
G200DLA	MW-200	12/21/2001	PROFILE	310.00	310.00		
G200DMA	MW-200	12/21/2001	PROFILE	320.00	320.00		
G200DNA	MW-200	12/21/2001	PROFILE	330.00	330.00		
G200DND	MW-200	12/21/2001	PROFILE	330.00	330.00		
T1.B.0E.002.1.0	T1.0E.002.O	12/07/2001	SOIL BRUSHING	0.50	0.50		
T1.B.0I.030.1.0	T1.0I.030.O	12/07/2001	SOIL BRUSHING	0.50	0.50		
T1.B.0I.033.1.0	T1.0I.033.O	12/07/2001	SOIL BRUSHING	0.25	0.25		
T1.B.0Q.014.1.0	T1.0Q.014.O	12/14/2001	SOIL BRUSHING	0.00	0.00		
T3.B.AR.005.1.0	T3.AR.005.O	12/14/2001	SOIL BRUSHING	0.00	0.00		
T5.B.0B.005.1.0	T5.0B.005.O	12/04/2001	SOIL BRUSHING	0.50	0.50		
SC17001	IDW	12/15/2001	SOIL CUTTINGS	0.00	0.00		
SC17201	IDW	12/06/2001	SOIL CUTTINGS	0.00	0.00		
SC17202	IDW	12/06/2001	SOIL CUTTINGS	0.00	0.00		
SC17301	IDW	12/06/2001	SOIL CUTTINGS	0.00	0.00		
SC17302	IDW	12/06/2001	SOIL CUTTINGS	0.00	0.00		
SC17401	IDW	12/06/2001	SOIL CUTTINGS	0.00	0.00		
SC17402	IDW	12/06/2001	SOIL CUTTINGS	0.00	0.00		

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12/1/2001-12/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
SC17501	IDW	12/06/2001	SOIL CUTTINGS	0.00	0.00		
SC17502	IDW	12/06/2001	SOIL CUTTINGS	0.00	0.00		
SC17601	IDW	12/07/2001	SOIL CUTTINGS	0.00	0.00		
SC17602	IDW	12/07/2001	SOIL CUTTINGS	0.00	0.00		
SC17701	IDW	12/07/2001	SOIL CUTTINGS	0.00	0.00		
SC17702	IDW	12/07/2001	SOIL CUTTINGS	0.00	0.00		
SC17801	IDW	12/07/2001	SOIL CUTTINGS	0.00	0.00		
SC17802	IDW	12/07/2001	SOIL CUTTINGS	0.00	0.00		
SC17802D	IDW	12/07/2001	SOIL CUTTINGS	0.00	0.00		
SC17901	IDW	12/15/2001	SOIL CUTTINGS	0.00	0.00		
SC18001	IDW	12/14/2001	SOIL CUTTINGS	0.00	0.00		
SC18201	IDW	12/07/2001	SOIL CUTTINGS	0.00	0.00		
SC18202	IDW	12/07/2001	SOIL CUTTINGS	0.00	0.00		
SC18301	IDW	12/07/2001	SOIL CUTTINGS	0.00	0.00		
SC18302	IDW	12/07/2001	SOIL CUTTINGS	0.00	0.00		
SC18401	IDW	12/15/2001	SOIL CUTTINGS	0.00	0.00		
SC18501	IDW	12/14/2001	SOIL CUTTINGS	0.00	0.00		
SC18601	IDW	12/06/2001	SOIL CUTTINGS	0.00	0.00		
SC18602	IDW	12/06/2001	SOIL CUTTINGS	0.00	0.00		
SC18701	IDW	12/15/2001	SOIL CUTTINGS	0.00	0.00		
SC18801	IDW	12/15/2001	SOIL CUTTINGS	0.00	0.00		
SC18901	IDW	12/15/2001	SOIL CUTTINGS	0.00	0.00		
SC19001	IDW	12/15/2001	SOIL CUTTINGS	0.00	0.00		
SC19101	IDW	12/15/2001	SOIL CUTTINGS	0.00	0.00		
SC19201	IDW	12/15/2001	SOIL CUTTINGS	0.00	0.00		
SC19901	IDW	12/14/2001	SOIL CUTTINGS	0.00	0.00		
B41BAA	41B	12/07/2001	SOIL GRID	0.00	0.50		
B41BBA	41B	12/07/2001	SOIL GRID	1.50	2.00		
B41EAA	41E	12/07/2001	SOIL GRID	0.00	0.50		
B41EBA	41E	12/07/2001	SOIL GRID	1.50	2.00		
B41FAA	41F	12/07/2001	SOIL GRID	0.00	0.50		
B41FBA	41F	12/07/2001	SOIL GRID	1.50	2.00		
B41HAA	41H	12/10/2001	SOIL GRID	0.00	0.50		
B41HAD	41H	12/10/2001	SOIL GRID	0.00	0.50		
B41HBA	41H	12/10/2001	SOIL GRID	1.50	2.00		
B41JAA	41J	12/10/2001	SOIL GRID	0.00	0.50		
B41JBA	41J	12/10/2001	SOIL GRID	1.50	2.00		
B42DAA	42D	12/06/2001	SOIL GRID	0.00	0.50		
B42DBA	42D	12/06/2001	SOIL GRID	1.50	2.00		
B42GAA	42G	12/06/2001	SOIL GRID	0.00	0.50		
B42GAD	42G	12/06/2001	SOIL GRID	0.00	0.50		
B42GBA	42G	12/06/2001	SOIL GRID	1.50	2.00		
B42IAA	42I	12/06/2001	SOIL GRID	0.00	0.50		
B42IBA	42I	12/06/2001	SOIL GRID	1.50	2.00		
B42JAA	42J	12/06/2001	SOIL GRID	0.00	0.50		
B42JBA	42J	12/06/2001	SOIL GRID	1.50	2.00		
B42KAA	42K	12/05/2001	SOIL GRID	0.00	0.50		
B42KBA	42K	12/05/2001	SOIL GRID	1.50	2.00		
BA.F.0001	BA-1	11/28/2001	SOIL GRID	3.00	3.25		

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12/1/2001-12/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
BA.F.0001.D	BA-1	11/28/2001	SOIL GRID	3.00	3.25		
BA.F.0002	BA-2	11/28/2001	SOIL GRID	3.00	3.25		
BA.F.0003	BA-3	11/28/2001	SOIL GRID	3.50	4.00		
BA.F.0004	BA-4	11/28/2001	SOIL GRID	2.75	3.00		
BA.F.0005	BA-5	11/28/2001	SOIL GRID	2.75	3.00		
BA.F.0006	BA-6	11/29/2001	SOIL GRID	6.00	6.50		
BA.F.0006.D	BA-6	11/29/2001	SOIL GRID	6.00	6.50		
BA.F.0007	BA-7	11/29/2001	SOIL GRID	6.00	6.50		
BA.F.0008	BA-8	11/29/2001	SOIL GRID	6.00	6.50		
BA.F.0009	BA-9	11/29/2001	SOIL GRID	6.00	6.50		
BA.F.0010	BA-10	11/30/2001	SOIL GRID	6.00	6.50		
DS101A1AAA	101A1	12/05/2001	SOIL GRID	0.00	0.50		
DS101A2AAA	101A2	12/05/2001	SOIL GRID	0.00	0.50		
DS101A3AAA	101A3	12/05/2001	SOIL GRID	0.00	0.50		
DS101A4AAA	101A4	12/05/2001	SOIL GRID	0.00	0.50		
HC05AB1AAA	05AB	12/10/2001	SOIL GRID	0.00	0.25		
HC05AB1BAA	05AB	12/10/2001	SOIL GRID	0.25	0.50		
HC05AB1CAA	05AB	12/10/2001	SOIL GRID	0.50	1.00		
HC05AC1AAA	05AC	12/10/2001	SOIL GRID	0.00	0.25		
HC05AC1BAA	05AC	12/10/2001	SOIL GRID	0.25	0.50		
HC05AC1CAA	05AC	12/10/2001	SOIL GRID	0.50	1.00		
HC05AD1AAA	05AD	12/10/2001	SOIL GRID	0.00	0.25		
HC05AD1BAA	05AD	12/10/2001	SOIL GRID	0.25	0.50		
HC05AD1CAA	05AD	12/10/2001	SOIL GRID	0.50	1.00		
HC05AE1AAA	05AE	12/10/2001	SOIL GRID	0.00	0.25		
HC05AE1AAD	05AE	12/10/2001	SOIL GRID	0.00	0.25		
HC05AE1BAA	05AE	12/10/2001	SOIL GRID	0.25	0.50		
HC05AE1CAA	05AE	12/11/2001	SOIL GRID	0.50	1.00		
HC05AF1AAA	05AF	12/11/2001	SOIL GRID	0.00	0.25		
HC05AF1BAA	05AF	12/11/2001	SOIL GRID	0.25	0.50		
HC05AF1CAA	05AF	12/11/2001	SOIL GRID	0.50	1.00		
HC05NA1AAA	05NA	12/12/2001	SOIL GRID	0.00	0.25		
HC05NA1BAA	05NA	12/12/2001	SOIL GRID	0.25	0.50		
HC05NA1CAA	05NA	12/12/2001	SOIL GRID	0.50	1.00		
HC05NB1AAA	05NB	12/12/2001	SOIL GRID	0.00	0.25		
HC05NB1AAD	05NB	12/12/2001	SOIL GRID	0.00	0.25		
HC05NB1BAA	05NB	12/12/2001	SOIL GRID	0.25	0.50		
HC05NB1CAA	05NB	12/12/2001	SOIL GRID	0.50	1.00		
HC05OA1AAA	05OA	12/11/2001	SOIL GRID	0.00	0.25		
HC05OA1BAA	05OA	12/11/2001	SOIL GRID	0.25	0.50		
HC05OA1CAA	05OA	12/11/2001	SOIL GRID	0.50	1.00		
HC05OB1AAA	05OB	12/11/2001	SOIL GRID	0.00	0.25		
HC05OB1AAD	05OB	12/11/2001	SOIL GRID	0.00	0.25		
HC05OB1BAA	05OB	12/11/2001	SOIL GRID	0.25	0.50		
HC05OB1CAA	05OB	12/11/2001	SOIL GRID	0.50	1.00		
HC101KE1AAA	101KE	12/13/2001	SOIL GRID	0.00	0.25		
HC101KE1BAA	101KE	12/13/2001	SOIL GRID	0.25	0.50		
HC101KE1CAA	101KE	12/13/2001	SOIL GRID	0.50	1.00		
HC101KF1AAA	101KF	12/14/2001	SOIL GRID	0.00	0.25		

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TABLE 2
SAMPLING PROGRESS
12/1/2001-12/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC101KF1AAD	101KF	12/14/2001	SOIL GRID	0.00	0.25		
HC101KF1BAA	101KF	12/14/2001	SOIL GRID	0.25	0.50		
HC101KF1CAA	101KF	12/14/2001	SOIL GRID	0.50	1.00		
HC101KG1AAA	101KG	12/13/2001	SOIL GRID	0.00	0.25		
HC101KG1AAA	101KG	12/13/2001	SOIL GRID	0.25	0.50		
HC101KG1AAA	101KG	12/13/2001	SOIL GRID	0.50	1.00		
HC101KG1BAA	101KG	12/13/2001	SOIL GRID	0.25	0.50		
HC101KG1CAA	101KG	12/13/2001	SOIL GRID	0.50	1.00		
HC101KH1AAA	101KH	12/14/2001	SOIL GRID	0.00	0.25		
HC101KH1BAA	101KH	12/14/2001	SOIL GRID	0.25	0.50		
HC101KH1CAA	101KH	12/14/2001	SOIL GRID	0.50	1.00		
HC101KI1AAA	101KI	12/17/2001	SOIL GRID	0.00	0.25		
HC101KI1BAA	101KI	12/17/2001	SOIL GRID	0.25	0.50		
HC101KI1CAA	101KI	12/17/2001	SOIL GRID	0.50	1.00		
HC101LC1AAA	101LC	12/19/2001	SOIL GRID	0.00	0.25		
HC101LC1BAA	101LC	12/19/2001	SOIL GRID	0.25	0.50		
HC101LC1CAA	101LC	12/19/2001	SOIL GRID	0.50	1.00		
HC101LD1AAA	101LD	12/19/2001	SOIL GRID	0.00	0.25		
HC101LD1AAD	101NL	12/18/2001	SOIL GRID	0.00	0.25		
HC101LD1BAA	101LD	12/19/2001	SOIL GRID	0.25	0.50		
HC101LD1CAA	101LD	12/19/2001	SOIL GRID	0.50	1.00		
HC101LE1AAA	101LE	12/19/2001	SOIL GRID	0.00	0.25		
HC101LE1BAA	101LE	12/19/2001	SOIL GRID	0.25	0.50		
HC101LE1CAA	101LE	12/19/2001	SOIL GRID	0.50	1.00		
HC101LF1AAA	101LF	12/17/2001	SOIL GRID	0.00	0.25		
HC101LF1BAA	101LF	12/17/2001	SOIL GRID	0.25	0.50		
HC101LF1CAA	101LF	12/17/2001	SOIL GRID	0.50	1.00		
HC101LG1AAA	101LG	12/17/2001	SOIL GRID	0.00	0.25		
HC101LG1AAD	101LG	12/17/2001	SOIL GRID	0.00	0.25		
HC101LG1BAA	101LG	12/17/2001	SOIL GRID	0.25	0.50		
HC101LG1CAA	101LG	12/17/2001	SOIL GRID	0.50	1.00		
HC101NA1AAA	101NA	12/04/2001	SOIL GRID	0.00	0.50		
HC101NB1AAA	101NB	12/04/2001	SOIL GRID	0.00	0.50		
HC101NC1AAA	101NC	12/04/2001	SOIL GRID	0.00	0.50		
HC101ND1AAA	101ND	12/03/2001	SOIL GRID	0.00	0.50		
HC101NE1AAA	101NE	12/04/2001	SOIL GRID	0.00	0.50		
HC101NF1AAA	101NF	12/03/2001	SOIL GRID	0.00	0.50		
HC101NF1BAA	101NF	12/03/2001	SOIL GRID	1.50	2.00		
HC101NG1AAA	101NG	12/04/2001	SOIL GRID	0.00	0.50		
HC101NH1AAA	101NH	12/03/2001	SOIL GRID	0.00	0.50		
HC101NH1BAA	101NH	12/03/2001	SOIL GRID	1.50	2.00		
HC101NH1BAD	101NH	12/03/2001	SOIL GRID	1.50	2.00		
HC101NI1AAA	101NI	12/04/2001	SOIL GRID	0.00	0.50		
HC101NJ1AAA	101NJ	12/03/2001	SOIL GRID	0.00	0.50		
HC101NK1AAA	101NK	12/03/2001	SOIL GRID	0.00	0.50		
HC101NK1AAD	101NK	12/03/2001	SOIL GRID	0.00	0.50		
HC101NL1AAA	101NL	12/18/2001	SOIL GRID	0.00	0.25		
HC101NL1AAD	101NL	12/18/2001	SOIL GRID	0.00	0.25		
HC101NL1BAA	101NL	12/18/2001	SOIL GRID	0.25	0.50		

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TABLE 2
SAMPLING PROGRESS
12/1/2001-12/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
HC101NL1CAA	101NL	12/18/2001	SOIL GRID	0.50	1.00		
HC101NM1AAA	101NM	12/18/2001	SOIL GRID	0.00	0.25		
HC101NM1BAA	101NM	12/18/2001	SOIL GRID	0.25	0.50		
HC101NM1CAA	101NM	12/18/2001	SOIL GRID	0.50	1.00		
HC101OC1AAA	101OC	12/03/2001	SOIL GRID	0.00	0.50		
HC101OC1AAD	101OC	12/03/2001	SOIL GRID	0.00	0.50		
HC101OG1AAA	101OG	12/03/2001	SOIL GRID	0.00	0.50		
HC101OI1AAA	101OI	12/03/2001	SOIL GRID	0.00	0.50		
HD101A5AAA	101A5	12/05/2001	SOIL GRID	0.00	0.50		
HD101A6AAA	101A6	12/05/2001	SOIL GRID	0.00	0.25		
J1.F.T16.001.1.0	J1.T16.001.O	12/19/2001	SOIL GRID	1.50	1.75		
J1.F.T16.002.1.0	J1.T16.002.O	12/17/2001	SOIL GRID	1.50	1.75		
J1.F.T16.002.2.0	J1.T16.002.O	12/17/2001	SOIL GRID	4.00	4.58		
J1.F.T16.003.1.0	J1.T16.003.O	12/17/2001	SOIL GRID	2.17	2.50		
J1.F.T16.003.2.0	J1.T16.003.O	12/17/2001	SOIL GRID	1.50	2.00		
J1.F.T9.001.1.0	J1.T9.001.O	12/11/2001	SOIL GRID	0.25	4.00		
J1.F.T9.001.2.0	J1.T9.001.O	12/11/2001	SOIL GRID	1.00	1.25		
J1.F.T9.001.3.0	J1.T9.001.O	12/11/2001	SOIL GRID	3.75	4.00		
SCPNPPTH2	SCPNPPTH2	12/17/2001	SOIL GRID	0.00	0.50		
T1.F.0A.HRZ.1.0	Transect 1 Grid A	12/03/2001	SOIL GRID	0.00	0.25		
T1.F.0A.HRZ.2.0	Transect 1 Grid A	12/03/2001	SOIL GRID	0.50	1.00		
T1.F.0B.LRZ.1.0	Transect 1 Grid B	11/30/2001	SOIL GRID	0.00	0.25		
T1.F.0C.LRZ.1.0	Transect 1 Grid C	11/30/2001	SOIL GRID	0.00	0.25		
T1.F.0D.LRZ.1.0	Transect 1 Grid D	11/30/2001	SOIL GRID	0.00	0.25		
T1.F.0E.LRZ.1.0	Transect 1 Grid E	11/30/2001	SOIL GRID	0.00	0.25		
T1.F.0F.LRZ.1.0	Transect 1 Grid F	11/30/2001	SOIL GRID	0.00	0.25		
T1.F.0G.LRZ.1.0	Transect 1 Grid G	11/30/2001	SOIL GRID	0.00	0.25		
T1.F.0H.HRZ.1.0	Transect 1 Grid H	12/03/2001	SOIL GRID	0.00	0.25		
T1.F.0H.HRZ.2.0	Transect 1 Grid H	12/03/2001	SOIL GRID	0.50	1.00		
T1.F.0I.LRZ.1.0	Transect 1 Grid I	11/30/2001	SOIL GRID	0.00	0.25		
T1.F.0J.LRZ.1.0	Transect 1 Grid J	11/30/2001	SOIL GRID	0.00	0.25		
T1.F.0K.LRZ.1.0	Transect 1 Grid K	11/30/2001	SOIL GRID	0.00	0.25		
T1.F.0L.LRZ.1.0	Transect 1 Grid L	11/30/2001	SOIL GRID	0.00	0.25		
T1.F.0M.LRZ.1.0	Transect 1 Grid M	12/03/2001	SOIL GRID	0.00	0.25		
T1.F.0N.HRZ.1.0	Transect 1 Grid N	12/03/2001	SOIL GRID	0.00	0.25		
T1.F.0N.HRZ.1.D	Transect 1 Grid N	12/03/2001	SOIL GRID	0.00	0.25		
T1.F.0N.HRZ.2.0	Transect 1 Grid N	12/03/2001	SOIL GRID	0.50	1.00		
T1.F.0O.HRZ.1.0	Transect 1 Grid O	12/03/2001	SOIL GRID	0.00	0.25		
T1.F.0O.HRZ.2.0	Transect 1 Grid O	12/03/2001	SOIL GRID	0.50	1.00		
T1.F.0P.LRZ.1.0	Transect 1 Grid P	12/03/2001	SOIL GRID	0.00	0.25		
T1.F.0Q.LRZ.1.0	Transect 1 Grid Q	12/03/2001	SOIL GRID	0.00	0.25		
T1.F.0R.LRZ.1.0	Transect 1 Grid R	12/03/2001	SOIL GRID	0.00	0.25		
T1.F.0S.LRZ.1.0	Transect 1 Grid S	12/03/2001	SOIL GRID	0.00	0.25		
T1.F.0T.LRZ.1.0	Transect 1 Grid T	12/03/2001	SOIL GRID	0.00	0.25		
T1.F.0U.HRZ.1.0	Transect 1 Grid U	12/03/2001	SOIL GRID	0.00	0.25		
T1.F.0U.HRZ.2.0	Transect 1 Grid U	12/03/2001	SOIL GRID	0.50	1.00		
T1.F.0V.LRZ.1.0	Transect 1 Grid V	12/03/2001	SOIL GRID	0.00	0.25		
T1.F.0W.LRZ.1.0	Transect 1 Grid W	12/03/2001	SOIL GRID	0.00	0.25		
T1.F.0X.LRZ.1.0	Transect 1 Grid X	12/03/2001	SOIL GRID	0.00	0.25		

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TABLE 2
SAMPLING PROGRESS
12/1/2001-12/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
T1.F.0Y.LRZ.1.0	Transect 1 Grid Y	12/03/2001	SOIL GRID	0.00	0.25		
T1.F.0Z.LRZ.1.0	Transect 1 Grid Z	12/03/2001	SOIL GRID	0.00	0.25		
T1.F.AA.LRZ.1.0	Transect 1 Grid AA	12/03/2001	SOIL GRID	0.00	0.25		
T1.F.BB.HRZ.1.0	Transect 1 Grid BB	12/03/2001	SOIL GRID	0.00	0.25		
T1.F.BB.HRZ.2.0	Transect 1 Grid BB	12/03/2001	SOIL GRID	0.50	1.00		
T1.I.0P.026.1.0	T1.0P.026.O	12/21/2001	SOIL GRID	0.50	0.75		
T5.F.0A.LRZ.1.0	Transect 5 Grid A	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0B.LRZ.1.0	Transect 5 Grid B	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0C.HRZ.1.0	Transect 5 Grid C-1	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0C.HRZ.2.0	Transect 5 Grid C-2	11/29/2001	SOIL GRID	0.50	1.00		
T5.F.0D.LRZ.1.0	Transect 5 Grid D	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0E.LRZ.1.0	Transect 5 Grid E	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0F.LRZ.1.0	Transect 5 Grid F	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0G.LRZ.1.0	Transect 5 Grid G	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0H.LRZ.1.0	Transect 5 Grid H	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0I.LRZ.1.0	Transect 5 Grid I	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0J.HRZ.1.0	Transect 5 Grid J-1	11/28/2001	SOIL GRID	0.00	0.25		
T5.F.0J.HRZ.2.0	Transect 5 Grid J-2	11/28/2001	SOIL GRID	0.50	1.00		
T5.F.0K.HRZ.1.0	Transect 5 Grid K-1	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0K.HRZ.2.0	Transect 5 Grid K-2	11/29/2001	SOIL GRID	0.50	1.00		
T5.F.0L.LRZ.1.0	Transect 5 Grid L	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0M.LRZ.1.0	Transect 5 Grid M	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0N.LRZ.1.0	Transect 5 Grid N	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0O.LRZ.1.0	Transect 5 Grid O	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0P.LRZ.1.0	Transect 5 Grid P	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0Q.LRZ.1.0	Transect 5 Grid Q	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0R.HRZ.1.0	Transect 5 Grid R-1	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0R.HRZ.1.D	Transect 5 Grid R-1	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0R.HRZ.2.0	Transect 5 Grid R-2	11/29/2001	SOIL GRID	0.50	1.00		
T5.F.0S.HRZ.1.0	Transect 5 Grid S-1	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0S.HRZ.2.0	Transect 5 Grid S-2	11/29/2001	SOIL GRID	0.50	1.00		
T5.F.0T.LRZ.1.0	Transect 5 Grid T	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0U.LRZ.1.0	Transect 5 Grid U	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0V.LRZ.1.0	Transect 5 Grid V	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0W.LRZ.1.0	Transect 5 Grid W	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0X.LRZ.1.0	Transect 5 Grid X	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0Y.LRZ.1.0	Transect 5 Grid Y	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0Y.LRZ.1.D	Transect 5 Grid Y	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0Z.HRZ.1.0	Transect 5 Grid Z-1	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.0Z.HRZ.2.0	Transect 5 Grid Z-2	11/29/2001	SOIL GRID	0.50	1.00		
T5.F.AA.LRZ.1.0	Transect 5 Grid AA	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.BB.LRZ.1.0	Transect 5 Grid BB	11/29/2001	SOIL GRID	0.00	0.25		
T5.F.CC.LRZ.1.0	Transect 5 Grid CC	11/30/2001	SOIL GRID	0.00	0.25		
T5.F.DD.LRZ.1.0	Transect 5 Grid DD	11/30/2001	SOIL GRID	0.00	0.25		
T5.F.EE.LRZ.1.0	Transect 5 Grid EE	11/30/2001	SOIL GRID	0.00	0.25		
T5.F.FF.LRZ.1.0	Transect 5 Grid FF	11/30/2001	SOIL GRID	0.00	0.25		
T5.F.GG.LRZ.1.0	Transect 5 Grid GG	11/30/2001	SOIL GRID	0.00	0.25		
T5.F.HH.LRZ.1.0	Transect 5 Grid HH	11/30/2001	SOIL GRID	0.00	0.25		
T5.F.II.LRZ.1.0	Transect 5 Grid II	11/30/2001	SOIL GRID	0.00	0.25		

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12/1/2001-12/31/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
T5.F.JJ.LRZ.1.0	Transect 5 Grid JJ	11/30/2001	SOIL GRID	0.00	0.25		
T5.F.KK.LRZ.1.0	Transect 5 Grid KK	12/03/2001	SOIL GRID	0.00	0.25		
T5.F.KK.LRZ.1.D	Transect 5 Grid KK	12/03/2001	SOIL GRID	0.00	0.25		
T5.F.LL.LRZ.1.0	Transect 5 Grid LL	11/28/2001	SOIL GRID	0.00	0.25		
T5.F.MM.LRZ.1.0	Transect 5 Grid MM	11/28/2001	SOIL GRID	0.00	0.25		
T5.F.NN.LRZ.1.0	Transect 5 Grid NN	11/28/2001	SOIL GRID	0.00	0.25		
T5.F.OO.LRZ.1.0	Transect 5 Grid OO	11/28/2001	SOIL GRID	0.00	0.25		
T5.F.PP.LRZ.1.0	Transect 5 Grid PP	11/28/2001	SOIL GRID	0.00	0.25		
LKSNP0004AAA	LKSNP0004AAA	12/17/2001	SURFACE WATER	0.00	0.00		
LKSNP0005AAA	LKSNP0005AAA	12/17/2001	SURFACE WATER	0.00	0.00		

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TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH DECEMBER 2001

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 (ETHY	110.00		NG/L	79.90	84.90	50.00	X
MW-41	W41M1A	05/18/2000	8151	PENTACHLOROPHENOL	1.80	J	UG/L	108.00	118.00	1.00	X
58MW0009E	WC9EXA	10/02/1997	8330	HEXAHYDRO-1,3,5-TRINITRO	7.70		UG/L	6.50	11.50	2.00	X
MW-1	W01SSA	09/30/1997	8330	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	0.00	10.00	2.00	X
MW-1	W01SSD	09/30/1997	8330	HEXAHYDRO-1,3,5-TRINITRO	2.40		UG/L	0.00	10.00	2.00	X
MW-1	W01MMA	09/29/1997	8330	HEXAHYDRO-1,3,5-TRINITRO	4.60		UG/L	44.00	49.00	2.00	X
MW-25	W25SSA	10/16/1997	8330	HEXAHYDRO-1,3,5-TRINITRO	2.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	03/05/1998	8330N	2,4,6-TRINITROTOLUENE	10.00	J	UG/L	0.00	10.00	2.00	X
MW-19	W19S2A	07/20/1998	8330N	2,4,6-TRINITROTOLUENE	16.00		UG/L	0.00	10.00	2.00	X
MW-19	W19S2D	07/20/1998	8330N	2,4,6-TRINITROTOLUENE	16.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	02/12/1999	8330N	2,4,6-TRINITROTOLUENE	7.20	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	09/10/1999	8330N	2,4,6-TRINITROTOLUENE	2.60	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	05/12/2000	8330N	2,4,6-TRINITROTOLUENE	3.70	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	05/23/2000	8330N	2,4,6-TRINITROTOLUENE	3.90	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	08/08/2000	8330N	2,4,6-TRINITROTOLUENE	2.00	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	12/08/2000	8330N	2,4,6-TRINITROTOLUENE	2.30	J	UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	05/15/2000	8330N	2,4,6-TRINITROTOLUENE	3.30		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	08/09/2000	8330N	2,4,6-TRINITROTOLUENE	3.90	J	UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	12/08/2000	8330N	2,4,6-TRINITROTOLUENE	5.20	J	UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	05/02/2001	8330N	2,4,6-TRINITROTOLUENE	5.20		UG/L	13.00	18.00	2.00	X
MW-31	W31MMA	05/23/2001	8330N	2,4,6-TRINITROTOLUENE	5.20		UG/L	28.00	38.00	2.00	X
MW-31	W31DDA	08/09/2000	8330N	2,4,6-TRINITROTOLUENE	3.90	J	UG/L	48.00	53.00	2.00	X
58MW0001	58MW0001	05/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.80		UG/L	3.60	8.60	2.00	X
58MW0002	WC2XXA	02/26/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	19.00		UG/L	4.00	9.00	2.00	X
58MW0002	WC2XXA	01/14/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	20.00		UG/L	4.00	9.00	2.00	X
58MW0002	WC2XXA	10/08/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	8.80		UG/L	4.00	9.00	2.00	X
58MW0002	58MW0002	05/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	13.00		UG/L	4.00	9.00	2.00	X
58MW0009E	WC9EXA	01/26/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	17.00		UG/L	6.50	11.50	2.00	X
58MW0009E	WC9EXA	09/28/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	18.00		UG/L	6.50	11.50	2.00	X
58MW0009E	WC9EXD	09/28/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	18.00		UG/L	6.50	11.50	2.00	X
58MW0009E	58MW0009E	05/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	8.40		UG/L	6.50	11.50	2.00	X
58MW0011D	58MW0011D	05/24/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	7.30		UG/L	49.50	54.50	2.00	X
90MW0022	WF22XA	01/26/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.80		UG/L	72.79	77.79	2.00	X
90MW0022	WF22XA	02/16/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.40		UG/L	72.79	77.79	2.00	X
90MW0022	WF22XA	09/30/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.20		UG/L	72.79	77.79	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 DECEMBER 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
90WT0013	WF13XA	01/16/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.20	J	UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	02/22/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.80		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	09/07/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	05/31/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.10	J	UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	07/31/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.80	J	UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	11/18/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.20		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	12/12/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.10	J	UG/L	0.00	10.00	2.00	X
MW-1	W01SSD	12/12/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.40		UG/L	0.00	10.00	2.00	X
MW-1	W01M2A	03/01/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.20		UG/L	44.00	49.00	2.00	X
MW-1	W01M2A	05/10/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.90		UG/L	44.00	49.00	2.00	X
MW-1	W01M2A	07/31/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.40	J	UG/L	44.00	49.00	2.00	X
MW-1	W01M2A	11/18/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	8.10		UG/L	44.00	49.00	2.00	X
MW-1	W01M2D	11/18/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	8.00		UG/L	44.00	49.00	2.00	X
MW-1	W01M2A	05/01/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	7.80		UG/L	44.00	49.00	2.00	X
MW-100	W100M1A	06/06/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.30		UG/L	45.00	55.00	2.00	X
MW-100	W100M1D	06/06/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.30		UG/L	45.00	55.00	2.00	X
MW-100	W100M1A	10/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.90		UG/L	45.00	55.00	2.00	X
MW-100	W100M1A	01/27/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.90		UG/L	45.00	55.00	2.00	X
MW-101	W101M1A	06/06/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	27.00	37.00	2.00	X
MW-105	W105M1A	06/21/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.90		UG/L	78.00	88.00	2.00	X
MW-105	W105M1A	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.90		UG/L	78.00	88.00	2.00	X
MW-105	W105M1A	01/27/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.30		UG/L	78.00	88.00	2.00	X
MW-107	W107M2A	06/21/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.00		UG/L	5.00	15.00	2.00	X
MW-107	W107M2A	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.10		UG/L	5.00	15.00	2.00	X
MW-111	W111M3A	10/10/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.20		UG/L	33.00	43.00	2.00	X
MW-113	W113M2A	09/26/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	9.20		UG/L	48.00	58.00	2.00	X
MW-113	W113M2A	01/15/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	11.00		UG/L	48.00	58.00	2.00	X
MW-113	W113M2A	04/30/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	15.00		UG/L	48.00	58.00	2.00	X
MW-114	W114M2A	10/24/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	140.00		UG/L	39.00	49.00	2.00	X
MW-114	W114M2D	10/24/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	140.00		UG/L	39.00	49.00	2.00	X
MW-114	W114M2A	03/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	120.00	J	UG/L	39.00	49.00	2.00	X
MW-114	W114M1A	03/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.00	J	UG/L	96.00	106.00	2.00	X
MW-132	W132SSA	11/09/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50	J	UG/L	0.00	10.00	2.00	X
MW-132	W132SSA	02/16/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.40	J	UG/L	0.00	10.00	2.00	X
MW-147	W147M2A	02/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.00		UG/L	77.00	87.00	2.00	X

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VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH DECEMBER 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-147	W147M1A	02/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.70		UG/L	94.00	104.00	2.00	X
MW-153	W153M1A	03/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	9.20		UG/L	108.00	118.00	2.00	X
MW-153	W153M1A	07/24/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	8.80		UG/L	108.00	118.00	2.00	X
MW-163	W163SSA	06/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.70		UG/L	0.00	10.00	2.00	X
MW-164	W164M2A	05/25/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	12.00		UG/L	119.00	129.00	2.00	X
MW-164	W164M2A	08/21/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	8.00		UG/L	119.00	129.00	2.00	X
MW-165	W165M2A	05/08/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	60.00		UG/L	46.00	56.00	2.00	X
MW-166	W166M3A	06/01/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.30		UG/L	19.00	29.00	2.00	X
MW-166	W166M1A	05/31/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.70		UG/L	112.00	117.00	2.00	X
MW-171	W171M2A	05/31/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.10		UG/L	79.50	84.50	2.00	X
MW-19	W19SSA	03/05/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	190.00		UG/L	0.00	10.00	2.00	X
MW-19	W19S2A	07/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	260.00		UG/L	0.00	10.00	2.00	X
MW-19	W19S2D	07/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	260.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	02/12/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	250.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	09/10/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	240.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	05/12/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	150.00	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	05/23/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	160.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	08/08/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	290.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	12/08/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	200.00		UG/L	0.00	10.00	2.00	X
MW-2	W02M2A	01/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	13.00		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	02/03/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.80		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	09/03/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.80		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	05/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.30	J	UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	08/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.10		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	11/27/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.10		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	05/03/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.10		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	08/21/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.50		UG/L	33.00	38.00	2.00	X
MW-2	W02M1A	08/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.10		UG/L	75.00	80.00	2.00	X
MW-23	W23M1A	11/07/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.30	J	UG/L	103.00	113.00	2.00	X
MW-23	W23M1A	03/18/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.40		UG/L	103.00	113.00	2.00	X
MW-23	W23M1D	03/18/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.70		UG/L	103.00	113.00	2.00	X
MW-23	W23M1A	09/13/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.10		UG/L	103.00	113.00	2.00	X
MW-23	W23M1A	05/12/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.60	J	UG/L	103.00	113.00	2.00	X
MW-23	W23M1A	08/08/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.30		UG/L	103.00	113.00	2.00	X
MW-23	W23M1A	12/04/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.00		UG/L	103.00	113.00	2.00	X

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VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH DECEMBER 2001

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MW-23	W23M1D	12/04/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.20		UG/L	103.00	113.00	2.00	X
MW-23	W23M1A	04/27/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.90		UG/L	103.00	113.00	2.00	X
MW-25	W25SSA	03/17/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.10		UG/L	0.00	10.00	2.00	X
MW-31	W31SSA	07/15/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	64.00		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	02/01/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	210.00		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	09/15/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	50.00		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	05/15/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	110.00		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	08/09/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	140.00		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	12/08/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	120.00		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	05/02/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	81.00		UG/L	13.00	18.00	2.00	X
MW-31	W31MMA	07/15/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO	280.00		UG/L	28.00	38.00	2.00	X
MW-31	W31MMA	02/02/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	370.00		UG/L	28.00	38.00	2.00	X
MW-31	W31MMA	09/15/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	29.00		UG/L	28.00	38.00	2.00	X
MW-31	W31M1A	05/15/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	19.00		UG/L	28.00	38.00	2.00	X
MW-31	W31M1A	08/09/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	14.00		UG/L	28.00	38.00	2.00	X
MW-31	W31MMA	05/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	70.00		UG/L	28.00	38.00	2.00	X
MW-31	W31DDA	08/09/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	150.00		UG/L	48.00	53.00	2.00	X
MW-34	W34M2A	02/19/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.20		UG/L	53.00	63.00	2.00	X
MW-34	W34M2A	05/18/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.70		UG/L	53.00	63.00	2.00	X
MW-34	W34M2A	08/10/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.10		UG/L	53.00	63.00	2.00	X
MW-34	W34M2A	11/17/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	53.00	63.00	2.00	X
MW-34	W34M1A	05/17/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.20		UG/L	73.00	83.00	2.00	X
MW-34	W34M1A	08/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.00		UG/L	73.00	83.00	2.00	X
MW-34	W34M1A	11/17/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.50		UG/L	73.00	83.00	2.00	X
MW-37	W37M2A	09/29/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.90		UG/L	26.00	36.00	2.00	X
MW-37	W37M2A	12/29/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.60		UG/L	26.00	36.00	2.00	X
MW-37	W37M2A	03/27/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.10		UG/L	26.00	36.00	2.00	X
MW-37	W37M2A	08/31/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.80	J	UG/L	26.00	36.00	2.00	X
MW-37	W37M2A	11/27/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.40		UG/L	26.00	36.00	2.00	X
MW-37	W37M2D	11/27/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.40		UG/L	26.00	36.00	2.00	X
MW-38	W38M3A	05/06/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	52.00	62.00	2.00	X
MW-38	W38M3A	08/18/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.60		UG/L	52.00	62.00	2.00	X
MW-38	W38M3A	11/10/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.00		UG/L	52.00	62.00	2.00	X
MW-38	W38M3A	05/16/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.90	J	UG/L	52.00	62.00	2.00	X
MW-38	W38M3A	08/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.60		UG/L	52.00	62.00	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 DECEMBER 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-38	W38M3A	11/20/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.40		UG/L	52.00	62.00	2.00	X
MW-38	W38M3A	04/30/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.30	J	UG/L	52.00	62.00	2.00	X
MW-40	W40M1A	09/21/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.80		UG/L	13.00	23.00	2.00	X
MW-40	W40M1D	09/21/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.60		UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	12/30/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.00	J	UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	04/14/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.00	J	UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	09/01/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.40	J	UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	11/27/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	06/02/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.10		UG/L	13.00	23.00	2.00	X
MW-58	W58SSA	11/23/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.70	J	UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	02/15/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.00		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	05/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	7.40	J	UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	09/05/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.10		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	12/20/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.10		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	06/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.30		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	07/09/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	50.00	J	UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	09/16/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	63.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	11/02/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	57.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	06/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	44.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	09/05/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	29.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	11/14/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	28.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSD	11/14/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	29.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	06/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	22.00		UG/L	0.00	10.00	2.00	X
MW-76	W76SSA	01/20/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	11.00		UG/L	18.00	28.00	2.00	X
MW-76	W76SSA	05/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	7.50	J	UG/L	18.00	28.00	2.00	X
MW-76	W76SSA	08/01/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.10		UG/L	18.00	28.00	2.00	X
MW-76	W76SSA	05/07/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.10		UG/L	18.00	28.00	2.00	X
MW-76	W76M2A	01/24/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	31.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M2D	01/24/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	29.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M2A	05/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	37.00	J	UG/L	38.00	48.00	2.00	X
MW-76	W76M2A	08/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	31.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M2A	12/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	46.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M2A	05/07/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	56.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M1A	12/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.30		UG/L	58.00	68.00	2.00	X
MW-76	W76M1A	05/07/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	28.00		UG/L	58.00	68.00	2.00	X

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TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH DECEMBER 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-77	W77M2A	01/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	150.00		UG/L	38.00	48.00	2.00	X
MW-77	W77M2A	05/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	100.00	J	UG/L	38.00	48.00	2.00	X
MW-77	W77M2A	08/01/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	97.00	J	UG/L	38.00	48.00	2.00	X
MW-77	W77M2A	12/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	93.00		UG/L	38.00	48.00	2.00	X
MW-77	W77M2A	05/10/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	39.00		UG/L	38.00	48.00	2.00	X
MW-85	W85M1A	05/22/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	29.00		UG/L	22.00	32.00	2.00	X
MW-85	W85M1A	02/10/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	24.00		UG/L	22.00	32.00	2.00	X
MW-86	W86SSA	04/28/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50	J	UG/L	1.00	11.00	2.00	X
MW-87	W87M1A	04/28/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.50	J	UG/L	62.00	72.00	2.00	X
MW-87	W87M1A	09/14/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.00		UG/L	62.00	72.00	2.00	X
MW-87	W87M1A	01/10/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.60		UG/L	62.00	72.00	2.00	X
MW-88	W88M2A	05/24/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	7.00		UG/L	72.00	82.00	2.00	X
MW-88	W88M2A	09/21/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	7.70		UG/L	72.00	82.00	2.00	X
MW-88	W88M2A	01/10/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.80		UG/L	72.00	82.00	2.00	X
MW-89	W89M2A	05/26/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	8.30		UG/L	72.00	82.00	2.00	X
MW-89	W89M2A	09/21/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	8.30		UG/L	72.00	82.00	2.00	X
MW-89	W89M2A	01/11/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	7.50		UG/L	72.00	82.00	2.00	X
MW-90	W90SSA	05/19/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.40	J	UG/L	0.00	10.00	2.00	X
MW-90	W90M1A	10/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.40		UG/L	27.00	37.00	2.00	X
MW-91	W91SSA	05/19/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	12.00		UG/L	0.00	10.00	2.00	X
MW-91	W91SSA	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	13.00		UG/L	0.00	10.00	2.00	X
MW-91	W91SSA	01/20/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	12.00		UG/L	0.00	10.00	2.00	X
MW-91	W91M1A	05/22/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	18.00		UG/L	45.00	55.00	2.00	X
MW-91	W91M1A	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	11.00		UG/L	45.00	55.00	2.00	X
MW-91	W91M1D	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	11.00		UG/L	45.00	55.00	2.00	X
MW-91	W91M1A	01/20/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	12.00		UG/L	45.00	55.00	2.00	X
MW-93	W93M2A	05/26/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.20		UG/L	16.00	26.00	2.00	X
MW-93	W93M2A	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.20		UG/L	16.00	26.00	2.00	X
MW-93	W93M2A	01/20/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.10	J	UG/L	16.00	26.00	2.00	X
MW-93	W93M1A	05/26/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.20	J	UG/L	56.00	66.00	2.00	X
MW-93	W93M1A	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	56.00	66.00	2.00	X
MW-93	W93M1A	01/22/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.40	J	UG/L	56.00	66.00	2.00	X
MW-93	W93M1D	01/22/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.40		UG/L	56.00	66.00	2.00	X
MW-95	W95M1A	05/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.20		UG/L	78.00	88.00	2.00	X
MW-98	W98M1A	05/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.10		UG/L	26.00	36.00	2.00	X

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TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH DECEMBER 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-99	W99M1A	05/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.90		UG/L	60.00	70.00	2.00	X
MW-99	W99M1D	05/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	6.90		UG/L	60.00	70.00	2.00	X
MW-99	W99M1A	09/29/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO	5.00		UG/L	60.00	70.00	2.00	X
MW-99	W99M1A	01/13/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	3.20		UG/L	60.00	70.00	2.00	X
MW-19	W19SSA	06/18/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO	200.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	06/18/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO	210.00		UG/L	0.00	10.00	2.00	X
MW-23	W23M1A	07/30/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO	5.30		UG/L	103.00	113.00	2.00	X
MW-76	W76SSA	08/10/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO	4.50		UG/L	18.00	28.00	2.00	X
MW-77	W77M2A	08/10/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO	29.00		UG/L	38.00	48.00	2.00	X
ASPWELL	ASPWELL	07/20/1999	E200.8	LEAD	53.00		UG/L	0.00	0.00	15.00	X
90MW0022	90MW0022	05/19/2001	E314.0	PERCHLORATE	2.00	J	UG/L	72.79	77.79	1.50	X
90MW0022	90MW0022	09/05/2001	E314.0	PERCHLORATE	2.00	J	UG/L	72.79	77.79	1.50	X
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
MW-101	W101M1A	01/20/2001	E314.0	PERCHLORATE	3.00	J	UG/L	27.00	37.00	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	W114M1A	12/28/2000	E314.0	PERCHLORATE	11.00		UG/L	96.00	106.00	1.50	X
MW-114	W114M1A	03/14/2001	E314.0	PERCHLORATE	13.00		UG/L	96.00	106.00	1.50	X
MW-114	W114M1A	06/18/2001	E314.0	PERCHLORATE	10.00		UG/L	96.00	106.00	1.50	X
MW-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	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-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-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

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LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-139	W139M2A	12/29/2000	E314.0	PERCHLORATE	8.00		UG/L	70.00	80.00	1.50	X
MW-139	W139M2A	03/15/2001	E314.0	PERCHLORATE	11.00	J	UG/L	70.00	80.00	1.50	X
MW-139	W139M2A	06/20/2001	E314.0	PERCHLORATE	3.00	J	UG/L	70.00	80.00	1.50	X
MW-158	W158SSA	06/12/2001	E314.0	PERCHLORATE	2.00	J	UG/L	2.00	12.00	1.50	X
MW-163	W163SSA	06/14/2001	E314.0	PERCHLORATE	67.00		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-172	W172M2A	06/21/2001	E314.0	PERCHLORATE	3.00	J	UG/L	104.00	114.00	1.50	X
MW-19	W19SSA	08/08/2000	E314.0	PERCHLORATE	5.00	J	UG/L	0.00	10.00	1.50	X
MW-19	W19SSA	12/08/2000	E314.0	PERCHLORATE	12.00		UG/L	0.00	10.00	1.50	X
MW-19	W19SSA	06/18/2001	E314.0	PERCHLORATE	41.00		UG/L	0.00	10.00	1.50	X
MW-19	W19SSA	08/24/2001	E314.0	PERCHLORATE	8.49		UG/L	0.00	10.00	1.50	X
MW-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	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-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	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-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-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-7	W07DDA	08/20/2001	E314.0	PERCHLORATE	29.50		UG/L	227.00	237.00	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-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

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1997 THROUGH DECEMBER 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-75	W75M2A	08/09/2001	E314.0	PERCHLORATE	6.24		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	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	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-77	W77M2A	12/06/2000	E314.0	PERCHLORATE	28.00		UG/L	38.00	48.00	1.50	X
MW-77	W77M2A	05/10/2001	E314.0	PERCHLORATE	16.00	J	UG/L	38.00	48.00	1.50	X
MW-77	W77M2A	08/10/2001	E314.0	PERCHLORATE	13.90		UG/L	38.00	48.00	1.50	X
MW-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-80	W80M1A	08/20/2001	E314.0	PERCHLORATE	1.70	J	UG/L	86.00	96.00	1.50	X
MW-91	W91SSA	01/20/2001	E314.0	PERCHLORATE	5.00	J	UG/L	0.00	10.00	1.50	X
MW-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-16	W16SSA	11/17/1997	IM40	SODIUM	20,900.00		UG/L	0.00	10.00	20,000.00	X
MW-16	W16SSL	11/17/1997	IM40	SODIUM	20,400.00		UG/L	0.00	10.00	20,000.00	X
MW-2	W02DDA	11/19/1997	IM40	SODIUM	21,500.00		UG/L	218.00	223.00	20,000.00	X
MW-2	W02DDL	11/19/1997	IM40	SODIUM	22,600.00		UG/L	218.00	223.00	20,000.00	X
MW-21	W21SSA	10/24/1997	IM40	SODIUM	24,000.00		UG/L	0.00	10.00	20,000.00	X
MW-21	W21SSL	10/24/1997	IM40	SODIUM	24,200.00		UG/L	0.00	10.00	20,000.00	X
MW-21	W21SSA	10/24/1997	IM40	THALLIUM	6.90	J	UG/L	0.00	10.00	2.00	X
95-15	W9515A	10/17/1997	IM40	ZINC	7,210.00		UG/L	80.00	92.00	2,000.00	X
95-15	W9515L	10/17/1997	IM40	ZINC	4,620.00		UG/L	80.00	92.00	2,000.00	X
LRMW0003	WL31XA	10/21/1997	IM40	ZINC	2,480.00		UG/L	102.00	117.00	2,000.00	X
LRMW0003	WL31XL	10/21/1997	IM40	ZINC	2,410.00		UG/L	102.00	117.00	2,000.00	X
LRWS4-1	WL41XA	11/24/1997	IM40	ZINC	3,220.00		UG/L	66.00	91.00	2,000.00	X
LRWS4-1	WL41XL	11/24/1997	IM40	ZINC	3,060.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51DL	11/25/1997	IM40	ZINC	4,410.00		UG/L	66.00	91.00	2,000.00	X

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1997 THROUGH DECEMBER 2001

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LRWS5-1	WL51XA	11/25/1997	IM40	ZINC	4,510.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XD	11/25/1997	IM40	ZINC	4,390.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XL	11/25/1997	IM40	ZINC	3,900.00		UG/L	66.00	91.00	2,000.00	X
LRWS6-1	WL61XA	11/17/1997	IM40	ZINC	3,480.00		UG/L	184.00	199.00	2,000.00	X
LRWS6-1	WL61XL	11/17/1997	IM40	ZINC	2,600.00		UG/L	184.00	199.00	2,000.00	X
LRWS7-1	WL71XA	11/21/1997	IM40	ZINC	4,320.00		UG/L	186.00	201.00	2,000.00	X
LRWS7-1	WL71XL	11/21/1997	IM40	ZINC	3,750.00		UG/L	186.00	201.00	2,000.00	X
MW-1	W01SSA	09/07/1999	IM40MB	ANTIMONY	6.70	J	UG/L	0.00	10.00	6.00	X
MW-3	W03DDL	03/06/1998	IM40MB	ANTIMONY	13.80	J	UG/L	219.00	224.00	6.00	X
MW-34	W34M2A	08/16/1999	IM40MB	ANTIMONY	6.60	J	UG/L	53.00	63.00	6.00	X
MW-35	W35SSA	08/19/1999	IM40MB	ANTIMONY	6.90	J	UG/L	0.00	10.00	6.00	X
MW-35	W35SSD	08/19/1999	IM40MB	ANTIMONY	13.80	J	UG/L	0.00	10.00	6.00	X
MW-36	W36SSA	08/17/1999	IM40MB	ANTIMONY	6.70	J	UG/L	0.00	10.00	6.00	X
MW-38	W38SSA	08/18/1999	IM40MB	ANTIMONY	7.40		UG/L	0.00	10.00	6.00	X
MW-38	W38M3A	08/18/1999	IM40MB	ANTIMONY	6.60	J	UG/L	52.00	62.00	6.00	X
MW-38	W38DDA	08/17/1999	IM40MB	ANTIMONY	6.90	J	UG/L	124.00	134.00	6.00	X
MW-39	W39M1A	08/18/1999	IM40MB	ANTIMONY	7.50		UG/L	84.00	94.00	6.00	X
MW-50	W50M1A	05/15/2000	IM40MB	ANTIMONY	9.50		UG/L	89.00	99.00	6.00	X
PPAWSMW-3	PPAWSMW-3	08/12/1999	IM40MB	ANTIMONY	6.00	J	UG/L	0.00	10.00	6.00	X
MW-7	W07M1A	09/07/1999	IM40MB	ARSENIC	52.80		UG/L	135.00	140.00	50.00	X
MW-52	W52M3L	08/27/1999	IM40MB	CADMIUM	12.20		UG/L	59.00	64.00	5.00	X
MW-7	W07M1A	09/07/1999	IM40MB	CHROMIUM, TOTAL	114.00		UG/L	135.00	140.00	100.00	X
ASPWELL	ASPWELL	05/24/2001	IM40MB	LEAD	30.40		UG/L	0.00	0.00	15.00	X
MW-2	W02SSA	02/23/1998	IM40MB	LEAD	20.10		UG/L	0.00	10.00	15.00	X
MW-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-13	W13SSA	01/27/1998	IM40MB	MOLYBDENUM	11.20		UG/L	0.00	10.00	10.00	X
MW-13	W13SSL	01/27/1998	IM40MB	MOLYBDENUM	10.40	J	UG/L	0.00	10.00	10.00	X
MW-13	W13DDA	01/26/1998	IM40MB	MOLYBDENUM	26.60		UG/L	145.00	150.00	10.00	X
MW-13	W13DDL	01/26/1998	IM40MB	MOLYBDENUM	30.40		UG/L	145.00	150.00	10.00	X
MW-13	W13DDA	03/11/1999	IM40MB	MOLYBDENUM	11.00		UG/L	145.00	150.00	10.00	X
MW-13	W13DDD	03/11/1999	IM40MB	MOLYBDENUM	12.10	J	UG/L	145.00	150.00	10.00	X
MW-13	W13DDA	09/09/1999	IM40MB	MOLYBDENUM	17.30		UG/L	145.00	150.00	10.00	X
MW-13	W13DDA	05/17/2000	IM40MB	MOLYBDENUM	17.00		UG/L	145.00	150.00	10.00	X
MW-13	W13DDD	05/17/2000	IM40MB	MOLYBDENUM	16.80		UG/L	145.00	150.00	10.00	X

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MW-13	W13DDA	12/15/2000	IM40MB	MOLYBDENUM	11.70		UG/L	145.00	150.00	10.00	X
MW-16	W16SSA	03/10/1999	IM40MB	MOLYBDENUM	21.00	J	UG/L	0.00	10.00	10.00	X
MW-16	W16DDA	03/09/1999	IM40MB	MOLYBDENUM	22.20		UG/L	223.00	228.00	10.00	X
MW-16	W16DDD	03/09/1999	IM40MB	MOLYBDENUM	23.20		UG/L	223.00	228.00	10.00	X
MW-16	W16DDA	09/09/1999	IM40MB	MOLYBDENUM	18.00	J	UG/L	223.00	228.00	10.00	X
MW-16	W16DDA	05/17/2000	IM40MB	MOLYBDENUM	12.20		UG/L	223.00	228.00	10.00	X
MW-16	W16DDA	08/03/2000	IM40MB	MOLYBDENUM	12.40		UG/L	223.00	228.00	10.00	X
MW-16	W16DDA	11/16/2000	IM40MB	MOLYBDENUM	16.80		UG/L	223.00	228.00	10.00	X
MW-16	W16DDA	05/18/2001	IM40MB	MOLYBDENUM	15.00		UG/L	223.00	228.00	10.00	X
MW-16	W16DDA	07/23/2001	IM40MB	MOLYBDENUM	11.40		UG/L	223.00	228.00	10.00	X
MW-17	W17M1L	05/18/1999	IM40MB	MOLYBDENUM	12.60		UG/L	96.00	106.00	10.00	X
MW-2	W02SSA	02/23/1998	IM40MB	MOLYBDENUM	72.10		UG/L	0.00	10.00	10.00	X
MW-2	W02SSL	02/23/1998	IM40MB	MOLYBDENUM	63.30		UG/L	0.00	10.00	10.00	X
MW-2	W02SSA	02/01/1999	IM40MB	MOLYBDENUM	26.10	J	UG/L	0.00	10.00	10.00	X
MW-2	W02SSL	02/01/1999	IM40MB	MOLYBDENUM	34.00		UG/L	0.00	10.00	10.00	X
MW-2	W02SSA	09/02/1999	IM40MB	MOLYBDENUM	29.00		UG/L	0.00	10.00	10.00	X
MW-2	W02SSL	09/02/1999	IM40MB	MOLYBDENUM	27.10		UG/L	0.00	10.00	10.00	X
MW-2	W02DDA	02/02/1999	IM40MB	MOLYBDENUM	25.60		UG/L	218.00	223.00	10.00	X
MW-2	W02DDL	02/02/1999	IM40MB	MOLYBDENUM	26.30	J	UG/L	218.00	223.00	10.00	X
MW-2	W02DDA	09/03/1999	IM40MB	MOLYBDENUM	12.80		UG/L	218.00	223.00	10.00	X
MW-45	W45SSA	05/29/2000	IM40MB	MOLYBDENUM	10.40		UG/L	0.00	10.00	10.00	X
MW-45	W45SSA	12/27/2000	IM40MB	MOLYBDENUM	10.30		UG/L	0.00	10.00	10.00	X
MW-46	W46M2A	03/30/1999	IM40MB	MOLYBDENUM	48.90		UG/L	56.00	66.00	10.00	X
MW-46	W46M2L	03/30/1999	IM40MB	MOLYBDENUM	51.00		UG/L	56.00	66.00	10.00	X
MW-46	W46M2A	08/24/1999	IM40MB	MOLYBDENUM	17.40		UG/L	56.00	66.00	10.00	X
MW-46	W46M1A	03/29/1999	IM40MB	MOLYBDENUM	32.80		UG/L	103.00	113.00	10.00	X
MW-46	W46DDA	04/01/1999	IM40MB	MOLYBDENUM	17.20		UG/L	136.00	146.00	10.00	X
MW-47	W47M3A	03/29/1999	IM40MB	MOLYBDENUM	43.10		UG/L	21.00	31.00	10.00	X
MW-47	W47M3L	03/29/1999	IM40MB	MOLYBDENUM	40.50		UG/L	21.00	31.00	10.00	X
MW-47	W47M2A	03/26/1999	IM40MB	MOLYBDENUM	11.00		UG/L	38.00	48.00	10.00	X
MW-48	W48M1A	11/23/1999	IM40MB	MOLYBDENUM	17.90		UG/L	91.00	101.00	10.00	X
MW-5	W05DDA	02/13/1998	IM40MB	MOLYBDENUM	28.30		UG/L	223.00	228.00	10.00	X
MW-5	W05DDL	02/13/1998	IM40MB	MOLYBDENUM	26.60		UG/L	223.00	228.00	10.00	X
MW-50	W50M2A	04/26/1999	IM40MB	MOLYBDENUM	20.60		UG/L	59.00	69.00	10.00	X
MW-50	W50M1A	04/27/1999	IM40MB	MOLYBDENUM	11.80		UG/L	89.00	99.00	10.00	X

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MW-52	W52M3A	04/07/1999	IM40MB	MOLYBDENUM	72.60		UG/L	59.00	64.00	10.00	X
MW-52	W52M3L	04/07/1999	IM40MB	MOLYBDENUM	67.60		UG/L	59.00	64.00	10.00	X
MW-52	W52M3A	08/27/1999	IM40MB	MOLYBDENUM	23.40		UG/L	59.00	64.00	10.00	X
MW-52	W52M3L	08/27/1999	IM40MB	MOLYBDENUM	23.10		UG/L	59.00	64.00	10.00	X
MW-52	W52M3L	11/08/1999	IM40MB	MOLYBDENUM	10.50		UG/L	59.00	64.00	10.00	X
MW-52	W52M2A	04/29/1999	IM40MB	MOLYBDENUM	15.30		UG/L	74.00	84.00	10.00	X
MW-52	W52M2L	04/29/1999	IM40MB	MOLYBDENUM	18.50		UG/L	74.00	84.00	10.00	X
MW-52	W52DDA	04/02/1999	IM40MB	MOLYBDENUM	51.10		UG/L	218.00	228.00	10.00	X
MW-52	W52DDL	04/02/1999	IM40MB	MOLYBDENUM	48.90		UG/L	218.00	228.00	10.00	X
MW-52	W52DDA	08/30/1999	IM40MB	MOLYBDENUM	28.30		UG/L	218.00	228.00	10.00	X
MW-52	W52DDL	08/30/1999	IM40MB	MOLYBDENUM	26.80		UG/L	218.00	228.00	10.00	X
MW-52	W52DDA	11/09/1999	IM40MB	MOLYBDENUM	22.70		UG/L	218.00	228.00	10.00	X
MW-52	W52DDA	05/22/2000	IM40MB	MOLYBDENUM	12.20		UG/L	218.00	228.00	10.00	X
MW-52	W52DDA	08/17/2000	IM40MB	MOLYBDENUM	10.10		UG/L	218.00	228.00	10.00	X
MW-52	W52DDA	05/21/2001	IM40MB	MOLYBDENUM	10.60		UG/L	218.00	228.00	10.00	X
MW-53	W53SSA	02/17/1999	IM40MB	MOLYBDENUM	24.90		UG/L	0.00	10.00	10.00	X
MW-53	W53SSL	02/17/1999	IM40MB	MOLYBDENUM	27.60		UG/L	0.00	10.00	10.00	X
MW-53	W53M1A	05/03/1999	IM40MB	MOLYBDENUM	122.00		UG/L	99.00	109.00	10.00	X
MW-53	W53M1L	05/03/1999	IM40MB	MOLYBDENUM	132.00		UG/L	99.00	109.00	10.00	X
MW-53	W53M1A	08/30/1999	IM40MB	MOLYBDENUM	55.20		UG/L	99.00	109.00	10.00	X
MW-53	W53M1L	08/30/1999	IM40MB	MOLYBDENUM	54.10		UG/L	99.00	109.00	10.00	X
MW-53	W53M1A	11/05/1999	IM40MB	MOLYBDENUM	41.20		UG/L	99.00	109.00	10.00	X
MW-53	W53M1L	11/05/1999	IM40MB	MOLYBDENUM	38.20		UG/L	99.00	109.00	10.00	X
MW-53	W53M1A	06/01/2000	IM40MB	MOLYBDENUM	10.30	J	UG/L	99.00	109.00	10.00	X
MW-53	W53DDA	02/18/1999	IM40MB	MOLYBDENUM	15.90		UG/L	158.00	168.00	10.00	X
MW-53	W53DDL	02/18/1999	IM40MB	MOLYBDENUM	17.40		UG/L	158.00	168.00	10.00	X
MW-53	W53DDA	08/30/1999	IM40MB	MOLYBDENUM	11.50		UG/L	158.00	168.00	10.00	X
MW-54	W54SSA	04/30/1999	IM40MB	MOLYBDENUM	56.70		UG/L	0.00	10.00	10.00	X
MW-54	W54SSL	04/30/1999	IM40MB	MOLYBDENUM	66.20		UG/L	0.00	10.00	10.00	X
MW-54	W54SSA	08/27/1999	IM40MB	MOLYBDENUM	61.40		UG/L	0.00	10.00	10.00	X
MW-54	W54SSA	11/08/1999	IM40MB	MOLYBDENUM	25.50		UG/L	0.00	10.00	10.00	X
MW-54	W54M2A	05/04/1999	IM40MB	MOLYBDENUM	11.20		UG/L	59.00	69.00	10.00	X
MW-54	W54M2L	05/04/1999	IM40MB	MOLYBDENUM	13.10		UG/L	59.00	69.00	10.00	X
MW-54	W54M2A	08/27/1999	IM40MB	MOLYBDENUM	43.70		UG/L	59.00	69.00	10.00	X
MW-54	W54M2L	08/27/1999	IM40MB	MOLYBDENUM	43.20		UG/L	59.00	69.00	10.00	X

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VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH DECEMBER 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-54	W54M2A	11/08/1999	IM40MB	MOLYBDENUM	14.50		UG/L	59.00	69.00	10.00	X
MW-54	W54M1A	04/30/1999	IM40MB	MOLYBDENUM	11.80		UG/L	79.00	89.00	10.00	X
MW-54	W54DDA	05/05/1999	IM40MB	MOLYBDENUM	17.50		UG/L	127.00	137.00	10.00	X
MW-55	W55SSA	05/17/1999	IM40MB	MOLYBDENUM	15.90		UG/L	0.00	10.00	10.00	X
MW-55	W55M2A	05/14/1999	IM40MB	MOLYBDENUM	21.80		UG/L	59.00	69.00	10.00	X
MW-55	W55M1A	05/13/1999	IM40MB	MOLYBDENUM	12.50		UG/L	89.00	99.00	10.00	X
MW-55	W55DDA	05/13/1999	IM40MB	MOLYBDENUM	22.60		UG/L	119.00	129.00	10.00	X
MW-55	W55DDA	08/30/1999	IM40MB	MOLYBDENUM	14.20		UG/L	119.00	129.00	10.00	X
MW-55	W55DDA	11/08/1999	IM40MB	MOLYBDENUM	11.00		UG/L	119.00	129.00	10.00	X
MW-57	W57SSA	12/21/1999	IM40MB	MOLYBDENUM	15.20		UG/L	0.00	10.00	10.00	X
MW-57	W57SSD	12/21/1999	IM40MB	MOLYBDENUM	16.30		UG/L	0.00	10.00	10.00	X
MW-57	W57SSA	03/22/2000	IM40MB	MOLYBDENUM	10.30	J	UG/L	0.00	10.00	10.00	X
MW-57	W57SSD	03/22/2000	IM40MB	MOLYBDENUM	10.10	J	UG/L	0.00	10.00	10.00	X
MW-57	W57M3A	12/13/1999	IM40MB	MOLYBDENUM	21.90		UG/L	31.00	41.00	10.00	X
MW-57	W57M2A	03/22/2000	IM40MB	MOLYBDENUM	10.80	J	UG/L	62.00	72.00	10.00	X
MW-57	W57DDA	12/13/1999	IM40MB	MOLYBDENUM	18.60		UG/L	127.00	137.00	10.00	X
MW-57	W57DDL	12/13/1999	IM40MB	MOLYBDENUM	17.80		UG/L	127.00	137.00	10.00	X
MW-63	W63SSA	09/21/1999	IM40MB	MOLYBDENUM	12.70		UG/L	0.00	10.00	10.00	X
MW-63	W63SSL	09/21/1999	IM40MB	MOLYBDENUM	11.10		UG/L	0.00	10.00	10.00	X
MW-7	W07M1A	09/07/1999	IM40MB	MOLYBDENUM	10.20		UG/L	135.00	140.00	10.00	X
MW-81	W81M1A	10/13/1999	IM40MB	MOLYBDENUM	24.30		UG/L	100.00	110.00	10.00	X
MW-81	W81M1L	10/13/1999	IM40MB	MOLYBDENUM	22.10		UG/L	100.00	110.00	10.00	X
MW-81	W81DDA	08/17/2000	IM40MB	MOLYBDENUM	10.10		UG/L	156.00	166.00	10.00	X
MW-82	W82DDA	10/13/1999	IM40MB	MOLYBDENUM	15.40		UG/L	97.00	107.00	10.00	X
MW-82	W82DDL	10/13/1999	IM40MB	MOLYBDENUM	14.40		UG/L	97.00	107.00	10.00	X
MW-83	W83DDA	10/12/1999	IM40MB	MOLYBDENUM	13.40		UG/L	109.00	119.00	10.00	X
15MW0002	15MW0002	04/08/1999	IM40MB	SODIUM	37,600.00		UG/L	0.00	10.00	20,000.00	X
90WT0010	90WT0010	06/05/2000	IM40MB	SODIUM	23,600.00		UG/L	2.00	12.00	20,000.00	X
90WT0010	90WT0010-L	06/05/2000	IM40MB	SODIUM	24,200.00		UG/L	2.00	12.00	20,000.00	X
90WT0015	90WT0015	04/23/1999	IM40MB	SODIUM	34,300.00		UG/L	0.00	10.00	20,000.00	X
ASPWELL	ASPWELL	05/24/2001	IM40MB	SODIUM	24,900.00		UG/L	0.00	0.00	20,000.00	X
MW-145	W145SSA	02/12/2001	IM40MB	SODIUM	37,000.00		UG/L	97.00	107.00	20,000.00	X
MW-145	W145SSA	06/20/2001	IM40MB	SODIUM	73,600.00		UG/L	97.00	107.00	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

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1997 THROUGH DECEMBER 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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-46	W46SSA	08/25/1999	IM40MB	SODIUM	20,600.00		UG/L	0.00	10.00	20,000.00	X
MW-46	W46SSA	06/15/2000	IM40MB	SODIUM	32,200.00		UG/L	0.00	10.00	20,000.00	X
MW-46	W46SSA	09/12/2000	IM40MB	SODIUM	31,300.00		UG/L	0.00	10.00	20,000.00	X
MW-46	W46SSA	11/17/2000	IM40MB	SODIUM	22,500.00	J	UG/L	0.00	10.00	20,000.00	X
MW-46	W46M2A	03/30/1999	IM40MB	SODIUM	23,300.00		UG/L	56.00	66.00	20,000.00	X
MW-46	W46M2L	03/30/1999	IM40MB	SODIUM	24,400.00		UG/L	56.00	66.00	20,000.00	X
MW-54	W54SSA	08/27/1999	IM40MB	SODIUM	33,300.00		UG/L	0.00	10.00	20,000.00	X
MW-57	W57M2A	12/21/1999	IM40MB	SODIUM	23,500.00		UG/L	62.00	72.00	20,000.00	X
MW-57	W57M2A	03/22/2000	IM40MB	SODIUM	24,500.00		UG/L	62.00	72.00	20,000.00	X
MW-57	W57M2A	06/30/2000	IM40MB	SODIUM	25,900.00		UG/L	62.00	72.00	20,000.00	X
MW-57	W57M2A	08/29/2000	IM40MB	SODIUM	23,200.00		UG/L	62.00	72.00	20,000.00	X
MW-57	W57M1A	12/14/1999	IM40MB	SODIUM	23,700.00		UG/L	102.00	112.00	20,000.00	X
MW-57	W57M1A	03/07/2000	IM40MB	SODIUM	20,900.00		UG/L	102.00	112.00	20,000.00	X
MW-57	W57M1A	07/05/2000	IM40MB	SODIUM	22,200.00		UG/L	102.00	112.00	20,000.00	X
MW-57	W57M1A	08/29/2000	IM40MB	SODIUM	20,100.00		UG/L	102.00	112.00	20,000.00	X
SDW261160	WG160L	01/07/1998	IM40MB	SODIUM	20,600.00		UG/L	10.00	20.00	20,000.00	X
SDW261160	WG160A	01/13/1999	IM40MB	SODIUM	27,200.00		UG/L	10.00	20.00	20,000.00	X
SDW261160	WG160L	01/13/1999	IM40MB	SODIUM	28,200.00		UG/L	10.00	20.00	20,000.00	X
03MW0006	03MW0006	04/15/1999	IM40MB	THALLIUM	2.60	J	UG/L	0.00	10.00	2.00	X
03MW0022A	03MW0022A	04/16/1999	IM40MB	THALLIUM	3.90		UG/L	71.00	76.00	2.00	X
03MW0027A	03MW0027A	04/14/1999	IM40MB	THALLIUM	2.00	J	UG/L	64.00	69.00	2.00	X
11MW0004	11MW0004	04/16/1999	IM40MB	THALLIUM	2.30	J	UG/L	0.00	10.00	2.00	X
27MW0020Z	27MW0020Z	04/16/1999	IM40MB	THALLIUM	2.70	J	UG/L	98.00	103.00	2.00	X
90MW0038	90MW0038	04/21/1999	IM40MB	THALLIUM	4.40	J	UG/L	29.00	34.00	2.00	X
90WT0010	WF10XA	01/16/1998	IM40MB	THALLIUM	6.50	J	UG/L	2.00	12.00	2.00	X
LRWS1-4	WL14XA	01/07/1999	IM40MB	THALLIUM	5.20	J	UG/L	107.00	117.00	2.00	X
MW-1	W01SSA	09/07/1999	IM40MB	THALLIUM	2.90	J	UG/L	0.00	10.00	2.00	X
MW-127	W127SSA	11/15/2000	IM40MB	THALLIUM	2.40	J	UG/L	0.00	10.00	2.00	X
MW-132	W132SSA	02/16/2001	IM40MB	THALLIUM	2.10	J	UG/L	0.00	10.00	2.00	X
MW-150	W150SSA	03/07/2001	IM40MB	THALLIUM	2.20	J	UG/L	1.00	11.00	2.00	X
MW-18	W18SSA	03/12/1999	IM40MB	THALLIUM	2.30	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	09/10/1999	IM40MB	THALLIUM	3.80	J	UG/L	0.00	10.00	2.00	X

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1997 THROUGH DECEMBER 2001

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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-39	W39M1A	12/21/2000	IM40MB	THALLIUM	4.00		UG/L	84.00	94.00	2.00	X
MW-41	W41M2A	04/02/1999	IM40MB	THALLIUM	2.50	J	UG/L	67.00	77.00	2.00	X
MW-42	W42M2A	11/19/1999	IM40MB	THALLIUM	4.00	J	UG/L	118.00	128.00	2.00	X
MW-45	W45SSA	05/26/1999	IM40MB	THALLIUM	3.00	J	UG/L	0.00	10.00	2.00	X
MW-45	W45SSA	08/31/2000	IM40MB	THALLIUM	4.40	J	UG/L	0.00	10.00	2.00	X
MW-46	W46M1A	05/16/2000	IM40MB	THALLIUM	5.30	J	UG/L	103.00	113.00	2.00	X
MW-46	W46DDA	11/02/1999	IM40MB	THALLIUM	5.10	J	UG/L	136.00	146.00	2.00	X
MW-47	W47M3A	08/25/1999	IM40MB	THALLIUM	3.20	J	UG/L	21.00	31.00	2.00	X
MW-47	W47M3A	05/31/2000	IM40MB	THALLIUM	5.00	J	UG/L	21.00	31.00	2.00	X
MW-47	W47M2A	03/26/1999	IM40MB	THALLIUM	3.20	J	UG/L	38.00	48.00	2.00	X
MW-47	W47M2A	08/25/1999	IM40MB	THALLIUM	4.00	J	UG/L	38.00	48.00	2.00	X
MW-47	W47M2A	05/30/2000	IM40MB	THALLIUM	4.50	J	UG/L	38.00	48.00	2.00	X
MW-47	W47M1A	08/24/1999	IM40MB	THALLIUM	2.60	J	UG/L	75.00	85.00	2.00	X
MW-48	W48M3A	02/28/2000	IM40MB	THALLIUM	4.20	J	UG/L	31.00	41.00	2.00	X
MW-48	W48DAA	06/26/2000	IM40MB	THALLIUM	4.70	J	UG/L	121.00	131.00	2.00	X
MW-49	W49SSA	11/19/1999	IM40MB	THALLIUM	4.70	J	UG/L	0.00	10.00	2.00	X
MW-49	W49M3D	06/27/2000	IM40MB	THALLIUM	4.30	J	UG/L	31.00	41.00	2.00	X
MW-50	W50M1A	05/15/2000	IM40MB	THALLIUM	6.20	J	UG/L	89.00	99.00	2.00	X
MW-51	W51M3A	08/25/1999	IM40MB	THALLIUM	4.30	J	UG/L	28.00	38.00	2.00	X
MW-52	W52SSA	08/26/1999	IM40MB	THALLIUM	3.60	J	UG/L	0.00	10.00	2.00	X
MW-52	W52SSA	11/18/1999	IM40MB	THALLIUM	4.30	J	UG/L	0.00	10.00	2.00	X
MW-52	W52SSA	05/23/2000	IM40MB	THALLIUM	4.70	J	UG/L	0.00	10.00	2.00	X
MW-52	W52M3L	04/07/1999	IM40MB	THALLIUM	3.60	J	UG/L	59.00	64.00	2.00	X
MW-52	W52DDA	04/02/1999	IM40MB	THALLIUM	2.80	J	UG/L	218.00	228.00	2.00	X
MW-52	W52DDL	04/02/1999	IM40MB	THALLIUM	2.60	J	UG/L	218.00	228.00	2.00	X

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MW-52	W52DDA	08/30/1999	IM40MB	THALLIUM	3.80	J	UG/L	218.00	228.00	2.00	X
MW-53	W53M1A	11/05/1999	IM40MB	THALLIUM	3.40	J	UG/L	99.00	109.00	2.00	X
MW-54	W54SSA	11/08/1999	IM40MB	THALLIUM	7.40	J	UG/L	0.00	10.00	2.00	X
MW-54	W54SSA	06/06/2000	IM40MB	THALLIUM	4.60	J	UG/L	0.00	10.00	2.00	X
MW-54	W54SSA	11/15/2000	IM40MB	THALLIUM	3.10	J	UG/L	0.00	10.00	2.00	X
MW-54	W54M1A	08/30/1999	IM40MB	THALLIUM	2.80	J	UG/L	79.00	89.00	2.00	X
MW-54	W54M1A	11/05/1999	IM40MB	THALLIUM	3.90	J	UG/L	79.00	89.00	2.00	X
MW-55	W55M1A	08/31/1999	IM40MB	THALLIUM	2.50	J	UG/L	89.00	99.00	2.00	X
MW-56	W56SSA	09/05/2000	IM40MB	THALLIUM	4.00	J	UG/L	1.00	11.00	2.00	X
MW-56	W56M3A	09/05/2000	IM40MB	THALLIUM	6.10	J	UG/L	31.00	41.00	2.00	X
MW-56	W56M3D	09/05/2000	IM40MB	THALLIUM	4.40	J	UG/L	31.00	41.00	2.00	X
MW-57	W57M2A	03/22/2000	IM40MB	THALLIUM	4.10	J	UG/L	62.00	72.00	2.00	X
MW-58	W58SSA	05/11/2000	IM40MB	THALLIUM	7.30	J	UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	12/20/2000	IM40MB	THALLIUM	2.00	J	UG/L	0.00	10.00	2.00	X
MW-64	W64M1A	02/07/2000	IM40MB	THALLIUM	4.10	J	UG/L	38.00	48.00	2.00	X
MW-7	W07M2L	02/05/1998	IM40MB	THALLIUM	6.60	J	UG/L	65.00	70.00	2.00	X
MW-7	W07M2A	02/24/1999	IM40MB	THALLIUM	4.40	J	UG/L	65.00	70.00	2.00	X
MW-7	W07MMA	02/23/1999	IM40MB	THALLIUM	4.10	J	UG/L	135.00	140.00	2.00	X
MW-7	W07M1A	09/07/1999	IM40MB	THALLIUM	26.20		UG/L	135.00	140.00	2.00	X
MW-7	W07M1D	09/07/1999	IM40MB	THALLIUM	12.70		UG/L	135.00	140.00	2.00	X
MW-72	W72SSA	05/27/1999	IM40MB	THALLIUM	4.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	12/19/2000	IM40MB	THALLIUM	4.30		UG/L	0.00	10.00	2.00	X
MW-73	W73SSD	12/19/2000	IM40MB	THALLIUM	2.00	J	UG/L	0.00	10.00	2.00	X
MW-83	W83SSA	01/13/2000	IM40MB	THALLIUM	3.60	J	UG/L	0.00	10.00	2.00	X
MW-84	W84SSA	10/21/1999	IM40MB	THALLIUM	3.20	J	UG/L	17.00	27.00	2.00	X
MW-94	W94M2A	01/11/2001	IM40MB	THALLIUM	2.00	J	UG/L	16.00	26.00	2.00	X
PPAWSMW-1	PPAWSMW-1	06/22/1999	IM40MB	THALLIUM	3.10	J	UG/L	10.00	20.00	2.00	X
SMR-2	WSMR2A	03/25/1999	IM40MB	THALLIUM	2.00	J	UG/L	19.00	29.00	2.00	X
95-14	W9514A	09/28/1999	IM40MB	ZINC	2,430.00		UG/L	90.00	120.00	2,000.00	X
LRWS5-1	WL51XA	01/25/1999	IM40MB	ZINC	3,980.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XL	01/25/1999	IM40MB	ZINC	3,770.00		UG/L	66.00	91.00	2,000.00	X
LRWS6-1	WL61XA	01/28/1999	IM40MB	ZINC	2,240.00		UG/L	184.00	199.00	2,000.00	X
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

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TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH DECEMBER 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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) PHTHAL	12.00		UG/L	1.00	11.00	6.00	X
11MW0003	WF143A	02/25/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00		UG/L	0.00	0.00	6.00	X
11MW0003	WF143A	09/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	24.00		UG/L	0.00	0.00	6.00	X
15MW0004	15MW0004	04/09/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	6.00		UG/L	0.00	10.00	6.00	X
15MW0008	15MW0008D	04/12/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	25.00	J	UG/L	0.00	0.00	6.00	X
28MW0106	WL28XA	02/19/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	18.00	J	UG/L	0.00	10.00	6.00	X
28MW0106	WL28XA	03/23/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	26.00		UG/L	0.00	10.00	6.00	X
58MW0002	WC2XXA	02/26/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	36.00		UG/L	4.00	9.00	6.00	X
58MW0005E	WC5EXA	09/27/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	0.00	10.00	6.00	X
58MW0006E	WC6EXA	10/03/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	59.00		UG/L	0.00	10.00	6.00	X
58MW0006E	WC6EXD	10/03/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	57.00		UG/L	0.00	10.00	6.00	X
58MW0006E	WC6EXA	01/29/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	6.00		UG/L	0.00	10.00	6.00	X
58MW0007C	WC7CXA	09/28/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	13.00		UG/L	24.00	29.00	6.00	X
90MW0054	WF12XA	10/04/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	13.00	J	UG/L	91.83	96.83	6.00	X
90WT0003	WF03XA	09/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	58.00		UG/L	0.00	10.00	6.00	X
90WT0005	WF05XA	01/13/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	47.00		UG/L	0.00	10.00	6.00	X
90WT0013	WF13XA	01/16/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	34.00		UG/L	0.00	10.00	6.00	X
90WT0013	WF13XA	01/14/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	16.00		UG/L	0.00	10.00	6.00	X
95-14	W9514A	09/28/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	22.00		UG/L	90.00	120.00	6.00	X
97-1	W9701A	11/19/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	54.00	J	UG/L	62.00	72.00	6.00	X
97-1	W9701D	11/19/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	28.00	J	UG/L	62.00	72.00	6.00	X
97-2	W9702A	11/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00		UG/L	53.00	63.00	6.00	X
97-3	W9703A	11/21/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	73.00	J	UG/L	36.00	46.00	6.00	X
97-5	W9705A	11/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	15.00		UG/L	76.00	86.00	6.00	X
BHW215083	WG083A	11/26/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	13.00		UG/L	16.95	26.95	6.00	X
LRWS1-4	WL14XA	10/06/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	78.00	J	UG/L	107.00	117.00	6.00	X
LRWS2-3	WL23XA	11/21/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	20.00	J	UG/L	68.00	83.00	6.00	X
LRWS2-6	WL26XA	10/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	21.00		UG/L	75.00	90.00	6.00	X
LRWS2-6	WL26XA	10/04/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00	J	UG/L	75.00	90.00	6.00	X
LRWS4-1	WL41XA	11/24/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	100.00		UG/L	66.00	91.00	6.00	X
LRWS5-1	WL51XA	11/25/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00		UG/L	66.00	91.00	6.00	X
MW-10	W10SSA	09/16/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	39.00		UG/L	0.00	10.00	6.00	X
MW-11	W11SSA	11/06/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	33.00	J	UG/L	0.00	10.00	6.00	X

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VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH DECEMBER 2001

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-11	W11SSD	11/06/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	23.00	J	UG/L	0.00	10.00	6.00	X
MW-12	W12SSA	11/06/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	28.00		UG/L	0.00	10.00	6.00	X
MW-14	W14SSA	11/04/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	14.00		UG/L	0.00	10.00	6.00	X
MW-16	W16SSA	11/17/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	28.00		UG/L	0.00	10.00	6.00	X
MW-16	W16DDA	11/17/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	43.00		UG/L	223.00	228.00	6.00	X
MW-17	W17SSD	11/10/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	120.00	J	UG/L	0.00	10.00	6.00	X
MW-17	W17DDA	11/11/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	42.00		UG/L	196.00	206.00	6.00	X
MW-18	W18SSA	10/10/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	36.00		UG/L	0.00	10.00	6.00	X
MW-18	W18DDA	09/10/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	11.00		UG/L	222.00	232.00	6.00	X
MW-19	W19DDA	03/04/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00		UG/L	254.00	259.00	6.00	X
MW-2	W02M2A	01/20/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	24.00		UG/L	33.00	38.00	6.00	X
MW-2	W02M1A	01/21/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	10.00	J	UG/L	75.00	80.00	6.00	X
MW-2	W02DDA	02/02/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00		UG/L	218.00	223.00	6.00	X
MW-20	W20SSA	11/07/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	280.00		UG/L	0.00	10.00	6.00	X
MW-21	W21M2A	04/01/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	58.00	68.00	6.00	X
MW-22	W22SSA	11/24/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	96.00		UG/L	0.00	10.00	6.00	X
MW-22	W22SSA	09/20/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	18.00		UG/L	0.00	10.00	6.00	X
MW-23	W23SSA	10/27/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	24.00		UG/L	0.00	10.00	6.00	X
MW-23	W23M3A	11/13/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	10.00		UG/L	34.00	39.00	6.00	X
MW-23	W23M3D	11/13/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	13.00		UG/L	34.00	39.00	6.00	X
MW-24	W24SSA	11/14/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	0.00	10.00	6.00	X
MW-27	W27SSA	09/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00		UG/L	0.00	10.00	6.00	X
MW-28	W28SSA	11/03/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	11.00		UG/L	0.00	10.00	6.00	X
MW-28	W28SSA	09/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	150.00	J	UG/L	0.00	10.00	6.00	X
MW-29	W29SSA	11/03/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	16.00		UG/L	0.00	10.00	6.00	X
MW-29	W29SSA	09/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	20.00		UG/L	0.00	10.00	6.00	X
MW-36	W36M2A	08/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	54.00	64.00	6.00	X
MW-38	W38M3A	05/06/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	15.00		UG/L	52.00	62.00	6.00	X
MW-4	W04SSA	11/04/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	30.00		UG/L	0.00	10.00	6.00	X
MW-41	W41M2A	11/12/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00		UG/L	67.00	77.00	6.00	X
MW-43	W43M1A	05/26/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	6.00		UG/L	90.00	100.00	6.00	X
MW-44	W44M1A	09/20/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	14.00		UG/L	53.00	63.00	6.00	X
MW-45	W45M1A	05/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	37.00		UG/L	98.00	108.00	6.00	X
MW-46	W46M1A	11/01/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	6.00	J	UG/L	103.00	113.00	6.00	X
MW-46	W46DDA	11/02/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	14.00	J	UG/L	136.00	146.00	6.00	X

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MW-47	W47M1A	08/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	14.00		UG/L	75.00	85.00	6.00	X
MW-47	W47DDA	08/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	16.00		UG/L	100.00	110.00	6.00	X
MW-49	W49SSA	03/01/2000	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	290.00		UG/L	0.00	10.00	6.00	X
MW-5	W05DDA	02/13/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	9.00	J	UG/L	223.00	228.00	6.00	X
MW-52	W52M3A	08/27/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00	J	UG/L	59.00	64.00	6.00	X
MW-53	W53M1A	08/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	31.00		UG/L	99.00	109.00	6.00	X
MW-53	W53DDA	02/18/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	18.00		UG/L	158.00	168.00	6.00	X
MW-55	W55DDA	05/13/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	8.00		UG/L	119.00	129.00	6.00	X
MW-57	W57SSA	12/21/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	3,300.00	J	UG/L	0.00	10.00	6.00	X
MW-57	W57M2A	06/30/2000	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	7.00		UG/L	62.00	72.00	6.00	X
MW-57	W57DDA	12/13/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	95.00		UG/L	127.00	137.00	6.00	X
MW-7	W07SSA	10/31/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	10.00		UG/L	0.00	10.00	6.00	X
MW-70	W70M1A	10/27/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	10.00		UG/L	129.00	139.00	6.00	X
MW-84	W84DDA	03/03/2000	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	30.00		UG/L	153.00	163.00	6.00	X
RW-1	WRW1XA	02/18/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	59.00		UG/L	0.00	9.00	6.00	X
RW-1	WRW1XD	10/06/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHAL	11.00	J	UG/L	0.00	9.00	6.00	X
90MW0003	WF03MA	10/07/1999	OC21B	NAPHTHALENE	33.00		UG/L	52.11	57.11	20.00	X
MW-45	W45SSA	05/26/1999	OC21B	NAPHTHALENE	24.00		UG/L	0.00	10.00	20.00	X
MW-45	W45SSA	11/16/1999	OC21B	NAPHTHALENE	27.00		UG/L	0.00	10.00	20.00	X
90MW0003	WF03MA	10/07/1999	OC21V	1,2-DICHLOROETHANE	5.00		UG/L	52.11	57.11	5.00	X
03MW0007A	03MW0007A	04/13/1999	OC21V	TETRACHLOROETHYLENE(P	6.00		UG/L	21.00	26.00	5.00	X
03MW0014A	03MW0014A	04/13/1999	OC21V	TETRACHLOROETHYLENE(P	8.00		UG/L	38.00	43.00	5.00	X
03MW0020	03MW0020	04/14/1999	OC21V	TETRACHLOROETHYLENE(P	12.00		UG/L	36.00	41.00	5.00	X
MW-45	W45SSA	11/16/1999	OC21V	TOLUENE	1,000.00		UG/L	0.00	10.00	1,000.00	X
MW-45	W45SSA	05/29/2000	OC21V	TOLUENE	1,100.00		UG/L	0.00	10.00	1,000.00	X
MW-45	W45SSA	12/27/2000	OC21V	TOLUENE	1,300.00		UG/L	0.00	10.00	1,000.00	X
27MW0017B	27MW0017B	04/30/1999	OC21V	VINYL CHLORIDE	2.00		UG/L	21.00	26.00	2.00	X
PPAWSMW-1	PPAWSMW-1	06/22/1999	OL21P	DIELDRIN	3.00		UG/L	10.00	20.00	0.50	X
MW-142	W142M2A	01/29/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHAL	11.00		UG/L	100.00	110.00	6.00	X
MW-142	W142M1A	01/29/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHAL	20.00		UG/L	185.00	195.00	6.00	X
MW-146	W146M1A	02/23/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHAL	8.40		UG/L	75.00	80.00	6.00	X
MW-157	W157DDA	05/03/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHAL	8.10		UG/L	199.00	209.00	6.00	X
MW-168	W168M2A	06/05/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHAL	9.00		UG/L	116.00	126.00	6.00	X
MW-168	W168M1A	06/04/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHAL	6.70		UG/L	174.00	184.00	6.00	X
MW-28	W28M1A	01/12/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHAL	9.70		UG/L	173.00	183.00	6.00	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 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 11/15/01-12/31/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
58MW0006E	58MW0006E	12/13/2001	GROUNDWATER	109.00	L19.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
58MW0009E	58MW0009E	12/11/2001	GROUNDWATER	133.40	L38.40	6.50	11.50	8330NX	2-AMINO-4,6-DINITROTOLUENE	YES
58MW0009E	58MW0009E	12/11/2001	GROUNDWATER	133.40	L38.40	6.50	11.50	8330NX	4-AMINO-2,6-DINITROTOLUENE	YES
58MW0009E	58MW0009E	12/11/2001	GROUNDWATER	133.40	L38.40	6.50	11.50	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
58MW0009E	58MW0009E	12/11/2001	GROUNDWATER	133.40	L38.40	6.50	11.50	8330NX	HEXAHYDRO-1-MONONITROSO-3	YES
58MW0009E	58MW0009E	12/11/2001	GROUNDWATER	133.40	L38.40	6.50	11.50	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
58MW0011D	58MW0011D	12/11/2001	GROUNDWATER	175.40	L80.40	49.50	54.50	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
58MW0015B	58MW0015B	12/12/2001	GROUNDWATER	130.00	L40.00	12.70	22.70	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
58MW0016B	58MW0016B	12/11/2001	GROUNDWATER	150.00	L60.00	28.50	38.50	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
58MW0016C	58MW0016C	12/11/2001	GROUNDWATER	116.00	L26.00	0.00	10.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
58MW0016C	58MW0016C	12/11/2001	GROUNDWATER	116.00	L26.00	0.00	10.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
58MW0018B	58MW0018B	12/13/2001	GROUNDWATER	176.00	L86.00	34.55	44.55	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
90MW0034	90MW0034	12/07/2001	GROUNDWATER	94.00	99.00	28.57	33.57	8330N	1,3,5-TRINITROBENZENE	NO
90MW0034	90MW0034	12/07/2001	GROUNDWATER	94.00	99.00	28.57	33.57	8330N	1,3-DINITROBENZENE	NO
90MW0034	90MW0034	12/07/2001	GROUNDWATER	94.00	99.00	28.57	33.57	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES*
90MW0034	90MW0034	12/07/2001	GROUNDWATER	94.00	99.00	28.57	33.57	8330N	NITROGLYCERIN	NO
90MW0054	90MW0054	12/08/2001	GROUNDWATER	107.00	L12.00	91.83	96.83	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
90WT0004	90WT0004	12/10/2001	GROUNDWATER	35.00	45.00	3.00	13.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
90WT0019	90WT0019	12/11/2001	GROUNDWATER	96.00	L06.00	0.00	10.00	8330N	1,3,5-TRINITROBENZENE	NO
90WT0019	90WT0019	12/11/2001	GROUNDWATER	96.00	L06.00	0.00	10.00	8330N	1,3-DINITROBENZENE	NO+
90WT0019	90WT0019	12/11/2001	GROUNDWATER	96.00	L06.00	0.00	10.00	8330N	2,4,6-TRINITROTOLUENE	NO
90WT0019	90WT0019	12/11/2001	GROUNDWATER	96.00	L06.00	0.00	10.00	8330N	2,6-DINITROTOLUENE	NO
90WT0019	90WT0019	12/11/2001	GROUNDWATER	96.00	L06.00	0.00	10.00	8330N	2-NITROTOLUENE	NO
90WT0019	90WT0019	12/11/2001	GROUNDWATER	96.00	L06.00	0.00	10.00	8330N	3-NITROTOLUENE	NO
90WT0019	90WT0019	12/11/2001	GROUNDWATER	96.00	L06.00	0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
90WT0019	90WT0019	12/11/2001	GROUNDWATER	96.00	L06.00	0.00	10.00	8330N	4-NITROTOLUENE	NO
90WT0019	90WT0019	12/11/2001	GROUNDWATER	96.00	L06.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES+
90WT0019	90WT0019	12/11/2001	GROUNDWATER	96.00	L06.00	0.00	10.00	8330N	PICRIC ACID	NO
90WT0019	90WT0019	12/11/2001	GROUNDWATER	96.00	L06.00	0.00	10.00	8330N	TETRYL	NO
W01M2A	MW-1	11/30/2001	GROUNDWATER	160.00	L65.00	44.00	49.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W01M2A	MW-1	11/30/2001	GROUNDWATER	160.00	L65.00	44.00	49.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES

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(UNVALIDATED)
SAMPLES COLLECTED 11/15/01-12/31/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W100M1A	MW-100	11/27/2001	GROUNDWATER	179.00	189.00	45.00	55.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W100M1A	MW-100	11/27/2001	GROUNDWATER	179.00	189.00	45.00	55.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W101M1A	MW-101	11/27/2001	GROUNDWATER	158.00	168.00	27.00	37.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W107M1A	MW-107	11/29/2001	GROUNDWATER	155.00	165.00	35.00	45.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W107M2A	MW-107	11/29/2001	GROUNDWATER	125.00	135.00	5.00	15.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W107M2A	MW-107	11/29/2001	GROUNDWATER	125.00	135.00	5.00	15.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W107M2D	MW-107	11/29/2001	GROUNDWATER	125.00	135.00	5.00	15.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W107M2D	MW-107	11/29/2001	GROUNDWATER	125.00	135.00	5.00	15.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W108M4A	MW-108	12/05/2001	GROUNDWATER	240.00	250.00	76.00	86.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W108M4A	MW-108	12/05/2001	GROUNDWATER	240.00	250.00	76.00	86.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W111M3A	MW-111	12/04/2001	GROUNDWATER	182.00	192.00	50.00	60.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W112M2A	MW-112	11/27/2001	GROUNDWATER	165.00	175.00	26.00	36.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W130SSA	MW-13	12/13/2001	GROUNDWATER	103.00	113.00	0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W130SSA	MW-13	12/13/2001	GROUNDWATER	103.00	113.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W130SSA	MW-13	12/13/2001	GROUNDWATER	103.00	113.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W130SSD	MW-13	12/13/2001	GROUNDWATER	103.00	113.00	0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W130SSD	MW-13	12/13/2001	GROUNDWATER	103.00	113.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W130SSD	MW-13	12/13/2001	GROUNDWATER	103.00	113.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W132SSA	MW-132	12/12/2001	GROUNDWATER	37.00	47.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W132SSA	MW-132	12/12/2001	GROUNDWATER	37.00	47.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W135M2A	MW-135	12/18/2001	GROUNDWATER	280.00	290.00	94.00	104.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W135M2D	MW-135	12/18/2001	GROUNDWATER	280.00	290.00	94.00	104.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W136SSA	MW-136	12/12/2001	GROUNDWATER	107.00	117.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W136SSA	MW-136	12/12/2001	GROUNDWATER	107.00	117.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W16SSA	MW-16	12/18/2001	GROUNDWATER	125.00	135.00	0.00	10.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W18M1A	MW-18	12/10/2001	GROUNDWATER	171.00	176.00	128.00	133.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W23M1A	MW-23	12/06/2001	GROUNDWATER	225.00	235.00	103.00	113.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W25SSA	MW-25	12/01/2001	GROUNDWATER	108.00	118.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W27SSA	MW-27	11/30/2001	GROUNDWATER	117.00	127.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W30SSA	MW-30	12/19/2001	GROUNDWATER	26.00	36.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W37M2A	MW-37	12/01/2001	GROUNDWATER	145.00	155.00	26.00	36.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES

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TABLE 4
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(UNVALIDATED)
SAMPLES COLLECTED 11/15/01-12/31/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W37M3A	MW-37	12/01/2001	GROUNDWATER	130.00	140.00	11.00	21.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W38M3A	MW-38	11/29/2001	GROUNDWATER	170.00	180.00	52.00	62.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W38M3D	MW-38	11/29/2001	GROUNDWATER	170.00	180.00	52.00	62.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W38M4A	MW-38	11/29/2001	GROUNDWATER	132.00	142.00	14.00	24.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W39M2A	MW-39	12/15/2001	GROUNDWATER	175.00	185.00	39.00	49.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W39M2A	MW-39	12/15/2001	GROUNDWATER	175.00	185.00	39.00	49.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W40M1A	MW-40	11/29/2001	GROUNDWATER	132.50	142.50	13.00	23.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W40SSA	MW-40	11/30/2001	GROUNDWATER	115.50	125.50	0.00	10.00	8330N	2,4,6-TRINITROTOLUENE	YES
W40SSA	MW-40	11/30/2001	GROUNDWATER	115.50	125.50	0.00	10.00	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W40SSA	MW-40	11/30/2001	GROUNDWATER	115.50	125.50	0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W43M2A	MW-43	12/15/2001	GROUNDWATER	200.00	210.00	67.00	77.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W50M1A	MW-50	12/04/2001	GROUNDWATER	207.00	217.00	89.00	99.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W50M1A	MW-50	12/04/2001	GROUNDWATER	207.00	217.00	89.00	99.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W58SSA	MW-58	12/12/2001	GROUNDWATER	100.00	110.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W58SSA	MW-58	12/12/2001	GROUNDWATER	100.00	110.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W85M1A	MW-85	12/15/2001	GROUNDWATER	137.50	145.50	22.00	32.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W85M1A	MW-85	12/15/2001	GROUNDWATER	137.50	145.50	22.00	32.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W86M2A	MW-86	11/30/2001	GROUNDWATER	158.00	168.00	16.00	26.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W86SSA	MW-86	11/30/2001	GROUNDWATER	143.00	153.00	1.00	11.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W87M1A	MW-87	12/03/2001	GROUNDWATER	194.00	204.00	62.00	72.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W87M1A	MW-87	12/03/2001	GROUNDWATER	194.00	204.00	62.00	72.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W88M2A	MW-88	12/04/2001	GROUNDWATER	213.00	223.00	72.00	82.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W88M2A	MW-88	12/04/2001	GROUNDWATER	213.00	223.00	72.00	82.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W89M1A	MW-89	12/04/2001	GROUNDWATER	234.00	244.00	92.00	102.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W89M2A	MW-89	12/03/2001	GROUNDWATER	214.00	224.00	72.00	82.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W89M2A	MW-89	12/03/2001	GROUNDWATER	214.00	224.00	72.00	82.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W90M1A	MW-90	12/16/2001	GROUNDWATER	145.00	155.00	27.00	37.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W90SSA	MW-90	12/16/2001	GROUNDWATER	118.00	128.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W91M1A	MW-91	11/29/2001	GROUNDWATER	170.00	180.00	45.00	55.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W91M1A	MW-91	11/29/2001	GROUNDWATER	170.00	180.00	45.00	55.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W93M1A	MW-93	11/28/2001	GROUNDWATER	185.00	195.00	56.00	66.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES

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W93M2A	MW-93	11/28/2001	GROUNDWATER	145.00	155.00	16.00	26.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W93M2A	MW-93	11/28/2001	GROUNDWATER	145.00	155.00	16.00	26.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W95M1A	MW-95	12/15/2001	GROUNDWATER	202.00	212.00	78.00	88.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W95M2A	MW-95	12/15/2001	GROUNDWATER	167.00	177.00	43.00	53.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W96M2A	MW-96	11/29/2001	GROUNDWATER	160.00	170.00	24.00	34.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W98M1A	MW-98	11/28/2001	GROUNDWATER	164.00	174.00	26.00	36.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
W98SSA	MW-98	11/28/2001	GROUNDWATER	137.00	147.00	0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W99M1A	MW-99	11/28/2001	GROUNDWATER	195.00	205.00	60.00	70.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
PW1MTINF1	GAC WATER	12/05/2001	IDW	0.00	0.00			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
PW1MTINF1	GAC WATER	12/05/2001	IDW	0.00	0.00			8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
PW1MTINF1	GAC WATER	12/05/2001	IDW	0.00	0.00			E314.0	PERCHLORATE	
PW1MTINF2	GAC WATER	12/05/2001	IDW	0.00	0.00			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
PW1MTINF2	GAC WATER	12/05/2001	IDW	0.00	0.00			8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
PW1MTINF2	GAC WATER	12/05/2001	IDW	0.00	0.00			E314.0	PERCHLORATE	
G193DAA	MW-193	12/03/2001	PROFILE	33.00	35.00	0.00	2.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
G193DAA	MW-193	12/03/2001	PROFILE	33.00	35.00	0.00	2.70	8330N	NITROGLYCERIN	NO
G193DAA	MW-193	12/03/2001	PROFILE	33.00	35.00	0.00	2.70	OC21V	ACETONE	
G193DAA	MW-193	12/03/2001	PROFILE	33.00	35.00	0.00	2.70	OC21V	TOLUENE	
G193DBA	MW-193	12/03/2001	PROFILE	40.00	45.00	7.70	12.70	OC21V	ACETONE	
G193DCA	MW-193	12/03/2001	PROFILE	50.00	55.00	17.70	22.70	8330N	NITROGLYCERIN	NO
G193DCA	MW-193	12/03/2001	PROFILE	50.00	55.00	17.70	22.70	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G193DDA	MW-193	12/03/2001	PROFILE	60.00	65.00	27.70	32.70	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G195DAA	MW-195	12/13/2001	PROFILE	35.00	40.00	0.10	5.10	OC21V	CHLOROFORM	
G195DBA	MW-195	12/14/2001	PROFILE	45.00	50.00	10.10	15.10	8330N	NITROGLYCERIN	NO
G195DBA	MW-195	12/14/2001	PROFILE	45.00	50.00	10.10	15.10	OC21V	CHLOROFORM	
G195DCA	MW-195	12/14/2001	PROFILE	55.00	60.00	20.10	25.10	OC21V	CHLOROFORM	
G195DHA	MW-195	12/19/2001	PROFILE	105.00	110.00	70.10	75.10	OC21V	ACETONE	
G195DHA	MW-195	12/19/2001	PROFILE	105.00	110.00	70.10	75.10	OC21V	CHLOROFORM	
G197DLA	MW-197	12/12/2001	PROFILE	130.00	135.00	109.60	114.60	OC21V	CHLOROFORM	
G197DMA	MW-197	12/12/2001	PROFILE	140.00	145.00	119.60	124.60	OC21V	CHLOROFORM	
G197DNA	MW-197	12/12/2001	PROFILE	150.00	155.00	129.60	134.60	OC21V	CHLOROFORM	

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* = Interference in sample

TABLE 4
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(UNVALIDATED)
SAMPLES COLLECTED 11/15/01-12/31/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G197DOA	MW-197	12/13/2001	PROFILE	160.00	165.00	139.60	144.60	8330N	1,3,5-TRINITROBENZENE	YES+
G197DOA	MW-197	12/13/2001	PROFILE	160.00	165.00	139.60	144.60	OC21V	CHLOROFORM	
G198DAA	MW-198	12/04/2001	PROFILE	20.00	25.00	0.00	4.60	8330N	NITROGLYCERIN	NO
G198DAA	MW-198	12/04/2001	PROFILE	20.00	25.00	0.00	4.60	OC21V	CHLOROFORM	
G198DBA	MW-198	12/04/2001	PROFILE	30.00	35.00	9.60	14.60	8330N	NITROGLYCERIN	NO
G198DBA	MW-198	12/04/2001	PROFILE	30.00	35.00	9.60	14.60	OC21V	CHLOROFORM	
G198DBD	MW-198	12/04/2001	PROFILE	30.00	35.00	9.60	14.60	8330N	NITROGLYCERIN	NO
G198DBD	MW-198	12/04/2001	PROFILE	30.00	35.00	9.60	14.60	OC21V	CHLOROFORM	
G198DCA	MW-198	12/05/2001	PROFILE	40.00	45.00	19.60	24.60	OC21V	CHLOROFORM	
G198DCA	MW-198	12/05/2001	PROFILE	40.00	45.00	19.60	24.60	OC21V	CHLOROMETHANE	
G198DDA	MW-198	12/05/2001	PROFILE	50.00	55.00	29.60	34.60	8330N	NITROGLYCERIN	NO
G198DDA	MW-198	12/05/2001	PROFILE	50.00	55.00	29.60	34.60	OC21V	CHLOROFORM	
G198DFA	MW-198	12/05/2001	PROFILE	70.00	75.00	49.60	54.60	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G198DGA	MW-198	12/05/2001	PROFILE	80.00	85.00	59.60	64.60	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
G198DGA	MW-198	12/05/2001	PROFILE	80.00	85.00	59.60	64.60	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G198DGD	MW-198	12/05/2001	PROFILE	80.00	85.00	59.60	64.60	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
G198DGD	MW-198	12/05/2001	PROFILE	80.00	85.00	59.60	64.60	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G198DHA	MW-198	12/05/2001	PROFILE	90.00	95.00	69.60	74.60	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
G198DHA	MW-198	12/05/2001	PROFILE	90.00	95.00	69.60	74.60	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G198DIA	MW-198	12/05/2001	PROFILE	100.00	105.00	79.60	84.60	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
G198DIA	MW-198	12/05/2001	PROFILE	100.00	105.00	79.60	84.60	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G198DJA	MW-198	12/11/2001	PROFILE	110.00	115.00	89.60	94.60	8330N	NITROGLYCERIN	NO
G198DJA	MW-198	12/11/2001	PROFILE	110.00	115.00	89.60	94.60	OC21V	ACETONE	
G198DJA	MW-198	12/11/2001	PROFILE	110.00	115.00	89.60	94.60	OC21V	CHLOROFORM	
G198DKA	MW-198	12/11/2001	PROFILE	120.00	125.00	99.60	104.60	8330N	NITROGLYCERIN	NO
G198DKA	MW-198	12/11/2001	PROFILE	120.00	125.00	99.60	104.60	OC21V	ACETONE	
G198DKA	MW-198	12/11/2001	PROFILE	120.00	125.00	99.60	104.60	OC21V	CHLOROFORM	
G198DLA	MW-198	12/11/2001	PROFILE	130.00	135.00	109.60	114.60	8330N	NITROGLYCERIN	NO
G198DLA	MW-198	12/11/2001	PROFILE	130.00	135.00	109.60	114.60	OC21V	ACETONE	
G198DLA	MW-198	12/11/2001	PROFILE	130.00	135.00	109.60	114.60	OC21V	BENZENE	
G198DLA	MW-198	12/11/2001	PROFILE	130.00	135.00	109.60	114.60	OC21V	CHLOROFORM	

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G198DMA	MW-198	12/11/2001	PROFILE	140.00	145.00	119.60	124.60	OC21V	CHLOROFORM	
G198DNA	MW-198	12/11/2001	PROFILE	150.00	155.00	129.60	134.60	8330N	1,3-DINITROBENZENE	NO
G198DNA	MW-198	12/11/2001	PROFILE	150.00	155.00	129.60	134.60	8330N	2,6-DINITROTOLUENE	NO+
G198DNA	MW-198	12/11/2001	PROFILE	150.00	155.00	129.60	134.60	8330N	3-NITROTOLUENE	NO
G198DNA	MW-198	12/11/2001	PROFILE	150.00	155.00	129.60	134.60	8330N	4-NITROTOLUENE	NO
G198DNA	MW-198	12/11/2001	PROFILE	150.00	155.00	129.60	134.60	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES+
G198DNA	MW-198	12/11/2001	PROFILE	150.00	155.00	129.60	134.60	8330N	NITROBENZENE	NO
G198DNA	MW-198	12/11/2001	PROFILE	150.00	155.00	129.60	134.60	8330N	NITROGLYCERIN	NO
G198DNA	MW-198	12/11/2001	PROFILE	150.00	155.00	129.60	134.60	OC21V	ACETONE	
G198DNA	MW-198	12/11/2001	PROFILE	150.00	155.00	129.60	134.60	OC21V	BENZENE	
G198DNA	MW-198	12/11/2001	PROFILE	150.00	155.00	129.60	134.60	OC21V	CHLOROFORM	
G198GEA	MW-198	12/05/2001	PROFILE	60.00	65.00	39.60	44.60	8330N	NITROGLYCERIN	NO
G198GEA	MW-198	12/05/2001	PROFILE	60.00	65.00	39.60	44.60	OC21V	CHLOROFORM	
G199DAA	MW-199	11/29/2001	PROFILE	150.00	150.00	15.50	15.50	8330N	1,3-DINITROBENZENE	NO
G199DAA	MW-199	11/29/2001	PROFILE	150.00	150.00	15.50	15.50	8330N	2,4-DINITROTOLUENE	NO
G199DAA	MW-199	11/29/2001	PROFILE	150.00	150.00	15.50	15.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	NO*
G199DAA	MW-199	11/29/2001	PROFILE	150.00	150.00	15.50	15.50	8330N	NITROGLYCERIN	NO
G199DAA	MW-199	11/29/2001	PROFILE	150.00	150.00	15.50	15.50	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G199DAA	MW-199	11/29/2001	PROFILE	150.00	150.00	15.50	15.50	8330N	PICRIC ACID	NO
G199DBA	MW-199	11/30/2001	PROFILE	160.00	160.00	25.50	25.50	8330N	2,4-DINITROTOLUENE	NO
G199DBA	MW-199	11/30/2001	PROFILE	160.00	160.00	25.50	25.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	NO
G199DBA	MW-199	11/30/2001	PROFILE	160.00	160.00	25.50	25.50	8330N	NITROGLYCERIN	NO
G199DBA	MW-199	11/30/2001	PROFILE	160.00	160.00	25.50	25.50	8330N	PICRIC ACID	NO
G199DCA	MW-199	11/30/2001	PROFILE	170.00	170.00	35.50	35.50	8330N	2,4-DINITROTOLUENE	NO
G199DCA	MW-199	11/30/2001	PROFILE	170.00	170.00	35.50	35.50	8330N	NITROGLYCERIN	NO
G199DCA	MW-199	11/30/2001	PROFILE	170.00	170.00	35.50	35.50	8330N	PICRIC ACID	NO
G199DCD	MW-199	11/30/2001	PROFILE	170.00	170.00	35.50	35.50	8330N	NITROGLYCERIN	NO
G199DCD	MW-199	11/30/2001	PROFILE	170.00	170.00	35.50	35.50	8330N	PICRIC ACID	NO
G199DDA	MW-199	11/30/2001	PROFILE	180.00	180.00	45.50	45.50	8330N	1,3,5-TRINITROBENZENE	NO
G199DDA	MW-199	11/30/2001	PROFILE	180.00	180.00	45.50	45.50	8330N	1,3-DINITROBENZENE	NO
G199DDA	MW-199	11/30/2001	PROFILE	180.00	180.00	45.50	45.50	8330N	2,4-DINITROTOLUENE	NO

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G199DDA	MW-199	11/30/2001	PROFILE	180.00	180.00	45.50	45.50	8330N	3-NITROTOLUENE	NO
G199DDA	MW-199	11/30/2001	PROFILE	180.00	180.00	45.50	45.50	8330N	4-NITROTOLUENE	NO
G199DDA	MW-199	11/30/2001	PROFILE	180.00	180.00	45.50	45.50	8330N	NITROGLYCERIN	NO
G199DDA	MW-199	11/30/2001	PROFILE	180.00	180.00	45.50	45.50	8330N	PICRIC ACID	NO
G199DEA	MW-199	12/03/2001	PROFILE	190.00	190.00	55.50	55.50	8330N	1,3-DINITROBENZENE	NO
G199DEA	MW-199	12/03/2001	PROFILE	190.00	190.00	55.50	55.50	8330N	2,4-DINITROTOLUENE	NO
G199DEA	MW-199	12/03/2001	PROFILE	190.00	190.00	55.50	55.50	8330N	3-NITROTOLUENE	NO
G199DEA	MW-199	12/03/2001	PROFILE	190.00	190.00	55.50	55.50	8330N	4-NITROTOLUENE	NO
G199DEA	MW-199	12/03/2001	PROFILE	190.00	190.00	55.50	55.50	8330N	NITROGLYCERIN	NO
G199DEA	MW-199	12/03/2001	PROFILE	190.00	190.00	55.50	55.50	8330N	PICRIC ACID	NO
G200DAA	MW-200	12/18/2001	PROFILE	205.00	205.00	5.40	5.40	8330N	2,4-DINITROTOLUENE	NO
G200DAA	MW-200	12/18/2001	PROFILE	205.00	205.00	5.40	5.40	8330N	2,6-DINITROTOLUENE	NO
G200DAA	MW-200	12/18/2001	PROFILE	205.00	205.00	5.40	5.40	8330N	3-NITROTOLUENE	NO
G200DAA	MW-200	12/18/2001	PROFILE	205.00	205.00	5.40	5.40	8330N	4-NITROTOLUENE	NO
G200DAA	MW-200	12/18/2001	PROFILE	205.00	205.00	5.40	5.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	NO
G200DAA	MW-200	12/18/2001	PROFILE	205.00	205.00	5.40	5.40	8330N	NITROGLYCERIN	NO
G200DAA	MW-200	12/18/2001	PROFILE	205.00	205.00	5.40	5.40	8330N	PICRIC ACID	NO
G200DAD	MW-200	12/18/2001	PROFILE	205.00	205.00	5.40	5.40	8330N	2,4-DINITROTOLUENE	NO
G200DAD	MW-200	12/18/2001	PROFILE	205.00	205.00	5.40	5.40	8330N	2,6-DINITROTOLUENE	NO
G200DAD	MW-200	12/18/2001	PROFILE	205.00	205.00	5.40	5.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	NO
G200DAD	MW-200	12/18/2001	PROFILE	205.00	205.00	5.40	5.40	8330N	NITROGLYCERIN	NO
G200DAD	MW-200	12/18/2001	PROFILE	205.00	205.00	5.40	5.40	8330N	PICRIC ACID	NO
G200DDA	MW-200	12/19/2001	PROFILE	230.00	230.00	30.40	30.40	8330N	2,4-DIAMINO-6-NITROTOLUENE	YES
G200DDA	MW-200	12/19/2001	PROFILE	230.00	230.00	30.40	30.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES+
G200DDA	MW-200	12/19/2001	PROFILE	230.00	230.00	30.40	30.40	8330N	NITROGLYCERIN	NO
G200DDA	MW-200	12/19/2001	PROFILE	230.00	230.00	30.40	30.40	8330N	PICRIC ACID	NO
G200DEA	MW-200	12/19/2001	PROFILE	240.00	240.00	40.40	40.40	8330N	1,3,5-TRINITROBENZENE	NO
G200DEA	MW-200	12/19/2001	PROFILE	240.00	240.00	40.40	40.40	8330N	1,3-DINITROBENZENE	NO
G200DEA	MW-200	12/19/2001	PROFILE	240.00	240.00	40.40	40.40	8330N	2,4-DIAMINO-6-NITROTOLUENE	YES
G200DEA	MW-200	12/19/2001	PROFILE	240.00	240.00	40.40	40.40	8330N	2,4-DINITROTOLUENE	NO
G200DEA	MW-200	12/19/2001	PROFILE	240.00	240.00	40.40	40.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES+

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G200DEA	MW-200	12/19/2001	PROFILE	240.00	240.00	40.40	40.40	8330N	NITROBENZENE	NO
G200DEA	MW-200	12/19/2001	PROFILE	240.00	240.00	40.40	40.40	8330N	NITROGLYCERIN	NO
G200DEA	MW-200	12/19/2001	PROFILE	240.00	240.00	40.40	40.40	8330N	PICRIC ACID	NO
G200DFA	MW-200	12/20/2001	PROFILE	250.00	250.00	50.40	50.40	8330N	2,4-DIAMINO-6-NITROTOLUENE	YES
G200DFA	MW-200	12/20/2001	PROFILE	250.00	250.00	50.40	50.40	8330N	2-NITROTOLUENE	NO
G200DFA	MW-200	12/20/2001	PROFILE	250.00	250.00	50.40	50.40	8330N	4-NITROTOLUENE	NO
G200DFA	MW-200	12/20/2001	PROFILE	250.00	250.00	50.40	50.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES+
G200DFA	MW-200	12/20/2001	PROFILE	250.00	250.00	50.40	50.40	8330N	NITROGLYCERIN	NO
G200DFA	MW-200	12/20/2001	PROFILE	250.00	250.00	50.40	50.40	8330N	PICRIC ACID	NO
G200DGA	MW-200	12/20/2001	PROFILE	260.00	260.00	60.40	60.40	8330N	1,3,5-TRINITROBENZENE	NO
G200DGA	MW-200	12/20/2001	PROFILE	260.00	260.00	60.40	60.40	8330N	1,3-DINITROBENZENE	NO
G200DGA	MW-200	12/20/2001	PROFILE	260.00	260.00	60.40	60.40	8330N	2,4-DIAMINO-6-NITROTOLUENE	YES
G200DGA	MW-200	12/20/2001	PROFILE	260.00	260.00	60.40	60.40	8330N	2,4-DINITROTOLUENE	NO
G200DGA	MW-200	12/20/2001	PROFILE	260.00	260.00	60.40	60.40	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G200DGA	MW-200	12/20/2001	PROFILE	260.00	260.00	60.40	60.40	8330N	2-NITROTOLUENE	NO
G200DGA	MW-200	12/20/2001	PROFILE	260.00	260.00	60.40	60.40	8330N	3-NITROTOLUENE	NO
G200DGA	MW-200	12/20/2001	PROFILE	260.00	260.00	60.40	60.40	8330N	4-NITROTOLUENE	NO
G200DGA	MW-200	12/20/2001	PROFILE	260.00	260.00	60.40	60.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES+
G200DGA	MW-200	12/20/2001	PROFILE	260.00	260.00	60.40	60.40	8330N	NITROGLYCERIN	NO
G200DGA	MW-200	12/20/2001	PROFILE	260.00	260.00	60.40	60.40	8330N	PICRIC ACID	NO
G200DHA	MW-200	12/20/2001	PROFILE	270.00	270.00	70.40	70.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES+
G200DHA	MW-200	12/20/2001	PROFILE	270.00	270.00	70.40	70.40	8330N	NITROGLYCERIN	NO
G200DIA	MW-200	12/20/2001	PROFILE	280.00	280.00	80.40	80.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES+
G200DIA	MW-200	12/20/2001	PROFILE	280.00	280.00	80.40	80.40	8330N	NITROGLYCERIN	NO

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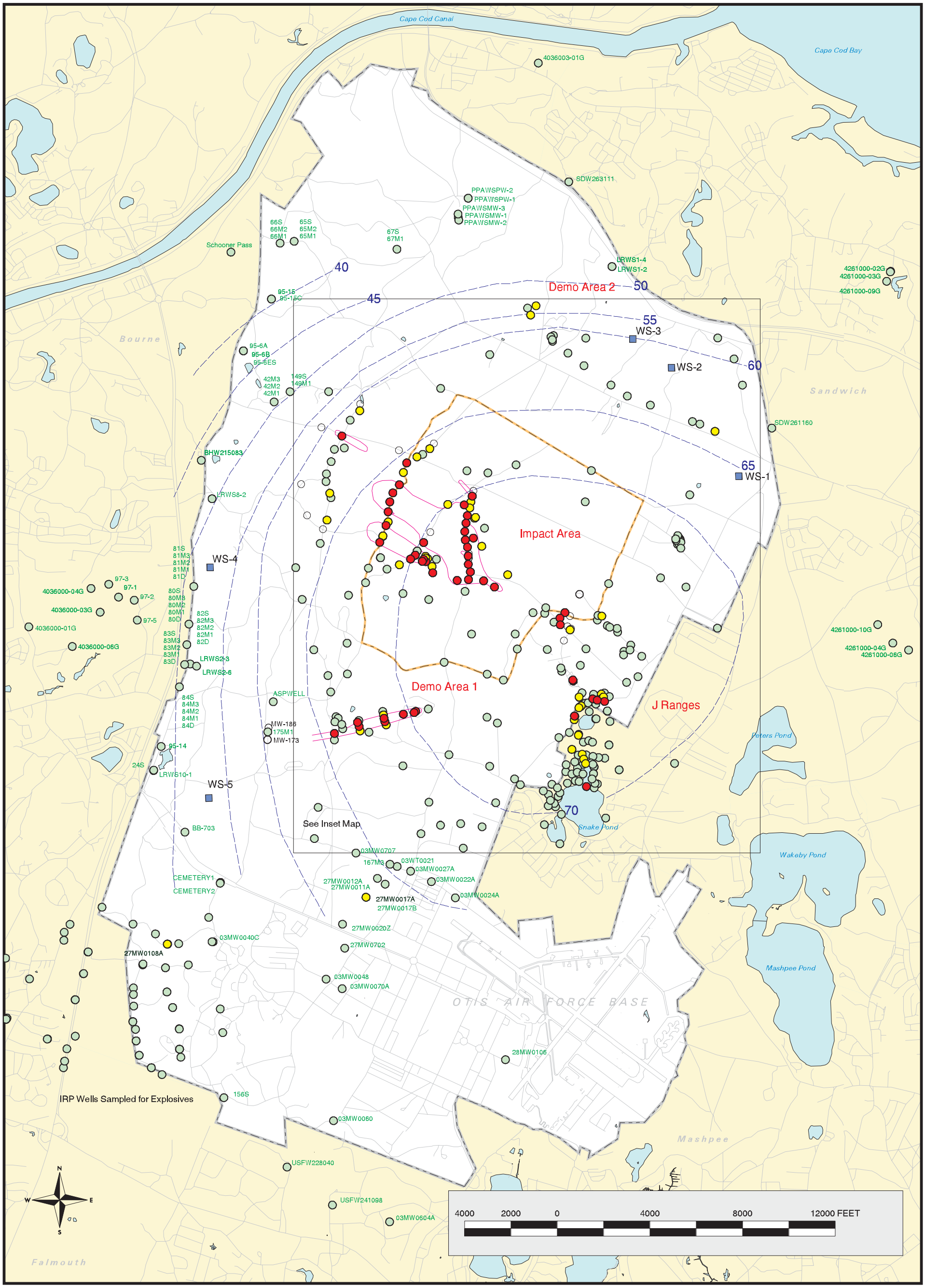

LEGEND

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

Sources & Notes
Base from US Geological Survey
7 1/2 minute Topo Maps. Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPSZone 2001, Units: Meters

amec January 02, 2002 DRAFT

d:\work\monthly\january2002\exp

IAGWSP Impact Area Groundwater Study Program

Figure 1

Explosives in Groundwater Compared to MCL/HAs Validated Data as of 12/28/01

Analyte Group
1

Demo Area 2

Impact Area

Demo Area 1

J Ranges

CS-19

J-3 Wetland

Snake Pond

Weeks Pond

SMR-2

SMR-3

SMR-4

TEXTRONPW-2

RANGECON

WS-1

WS-2

WS-3

RW-1

RW-3

LRMW0003

LRWS4-1

LRWS5-1

LRWS6-1

LRWS7-1

USCGANTST

MW-176

MW-178

MW-179

MW-180

MW-182

MW-183

MW-184

MW-185

MW-188

MW-189

MW-190

MW-191

MW-192

OW-1

OW-2

OW-6

45

50

55

60

65

70

Scale 1" = 1,200 Feet

Sources & Notes
Base from US Geological Survey
7 1/2 minute Topo Maps. Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPsZone 2001, Units: Meters

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d:\work\monthly\january2002\exp

LEGEND

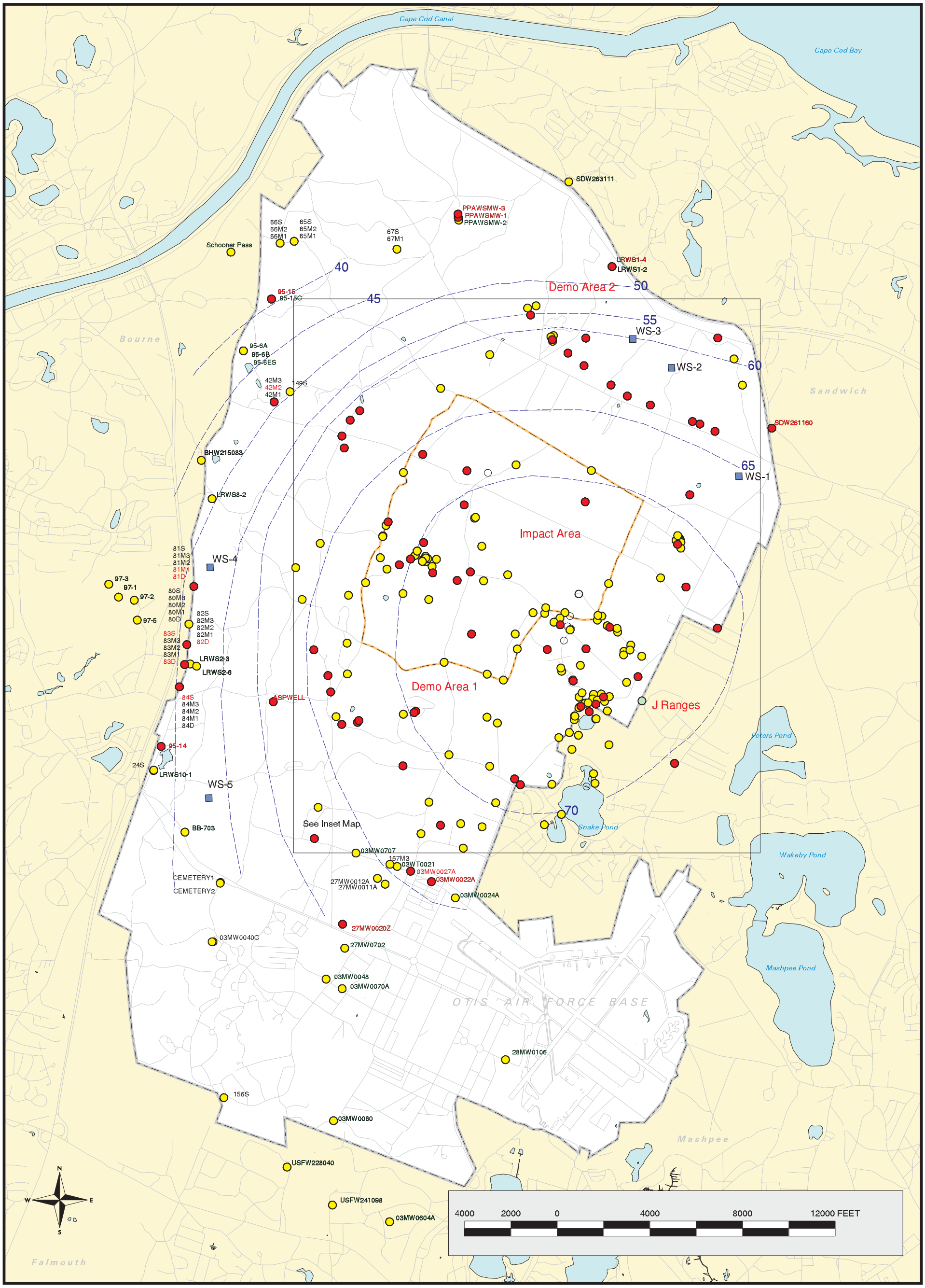
- Validated Detection GTE MCL/HA
- Validated Detection LT MCL/HA
- Validated Non-detect
- No Data Available
- 2.0 ppb RDX Concentration Contour

IAGWSP Impact Area Groundwater Study Program

Figure 1 - INSET MAP

Explosives in Groundwater Compared to MCL/HAs Validated Data as of 12/28/01

Analyte Group
1



LEGEND

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

Sources & Notes
Base from US Geological Survey
7 1/2 minute Topo Maps. Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPsZone 2001, Units: Meters

IAGWSP Impact Area Groundwater Study Program

Figure 2
Metals in Groundwater
Compared to MCL/HAs
Validated Data as of 12/28/01
Analyte Group
2

Demo Area 2

Impact Area

Demo Area 1

J Ranges

J-3 Wetland

Snake Pond

Weeks Pond

RANGECON

TEXTRONPW-1

TEXTRONPW-2

SMR-2

SMR-3

SMR-4

WS-1

WS-2

WS-3

RW-1

RW-3

45

50

55

60

65

70

160S 161S 16S 16D

11MW0002 11MW0003 11MW0004 11MW0001

53S 53M3 53M2 53M1 53D

17S 17M3 17M2 17M1 17D

52S 52M3 52M2 52M1 52D

LRMW0003

62S

54S 54M3 54M2 54M1 54D

55S 55M3 55M2 55M1 55D

63S 63M3 63M2 63M1 63D

10S 10M1 10D

50S 50M3 50M2 50M1 50D

51S 51M3 51M2 51M1 51D

23S 23M3 23M2 23M1 23D

72S

48S 48M3 48M2 48M1 48D

49S 49M3 49M2 49M1 49D

18S 18M2 18M1 18D

41M3 41M2 41M1

03S 03M2 03M1 03D

04S

MW-159

11S

43S 43M2 43M1

05S 05M2 05M1 05D

LRWS4-1

02S 02M2 02M1 02D

59S 59M2 59M1

26S

39S 39M2 39M1

58MW0018A 58MW0018B 58MW0018C

58MW0007C 58MW0007B 58MW0007E

38S 38M4 38M3 38M2 38M1 38D

58MW0017A 58MW0017B 58MW0017C

58MW0003

58MW0009C 58MW0009E 58MW0010A 58MW0010B

58MW0015A 58MW0015B 58MW0004

58MW0005E

58MW0008E

58MW0011D 58MW0011E

58MW0002

58MW0016A 58MW0016B 58MW0016C

58MW0001

58MW0006E

22S

174S

09S

94S 94M2 94M1

25S

15S 15D

37M3 37M2 37M1

01S 01M2 01M1 01D

40S 40M1

27S

44S 44M2 44M1

15WT0712 15MW0006 15MW0001 15WT0007 15MW0009 15MW0005 15WT0711

15MW0008 15MW0007 15MW0004 15MW0002

104S 104M2 104M1

71S 71M1

08S

12S

170M3 170M2 170M1

LRWS5-1

MW-192

06S

118M2 118M1

126S 126M1

164M3 164M2 164M1

MW-188

29S

130S 130M1 130D

166M3 166M2 166M1

58S

168M3 168M2 168M1

MW-191

MW-189

136S 136M1

119S

117S

137S

120S 120M1

07S 07M2 07M1 07D

152M2 152M1

MW-190

13S 13D

127S

116S

121S

158S 158M2 158M1

122S

154S 154M1

21S 21M3 21M2 21M1 21D

70S 70M1

SMR-4

14S

128S 128M2 128M1

125S 125M1

46S 46M3 46M2 46M1 46D

69S 69M2 69M1

61S

28S 28M2 28M1

163S

132S 132M1

131S 131M2 131M1

LRWS7-1

153M3 153M2 153M1

147M3 147M2 147M1

90LWA0007

90MW0029B

45S 45M2 45M1 146S 146M1

47S 47M3 47M2 47M1 47D

30S MW-181

144S 144M2 144M1 90MW0021

90MW0018

90WT0013

90WT0003

90WT0015

RS0047

143M3 143M2 143M1

90MW0014

90MW0038

140M1

90MW0031

90MW0019

145S 145M1

148S 148M1

90MW0022

142S 142M2 142M1

20S

34M3 34M2 34M1

36S 36M2 36M1

31S

19S 19D

73S

60S

SMR-3

35S 35M2 35M1

90WT0005

155M2 155M1

157M2 157M1 157D

90MW0003

90MW0054

68S 68M1

64S 64M2 64M1

109S

90WT0010

ECMWSNP02S ECMWSNP02D

MW-169

ECMWSNP03S ECMWSNP03D

MW-17

LRWS8-1

56S 56M3 56M2 56M1 56D

90WT0008

03MW0122A

151S

03MW0710

SP3-91

SP4-91

03MW0007A

03MW0014A

03MW0006

03MW0709

03MW0020

150S

57S 57M3 57M2 57M1 57D

Scale 1" = 1,200 Feet

Sources & Notes
Base from US Geological Survey
7 1/2 minute Topo Maps. Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPszone 2001, Units: Meters

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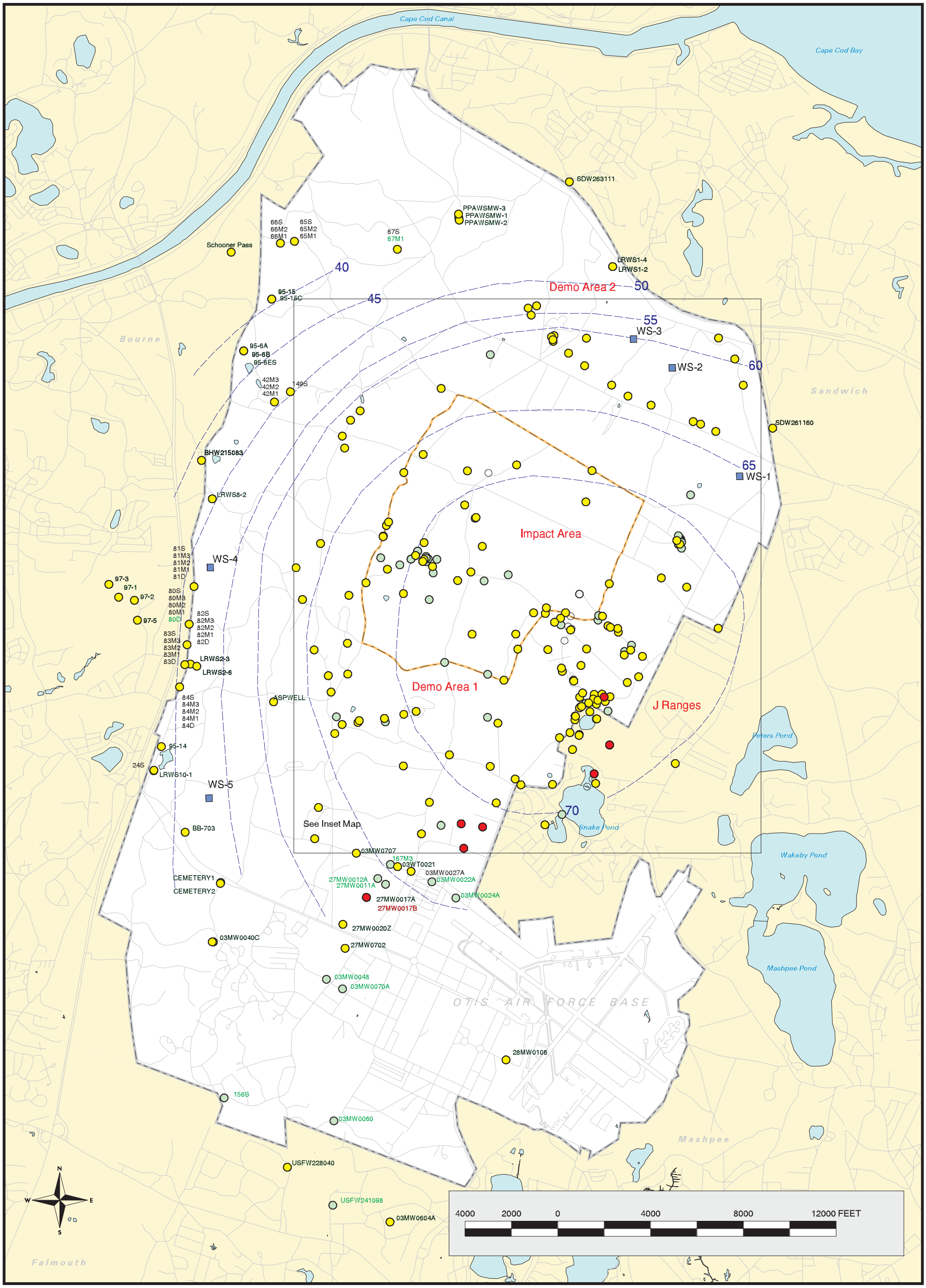
d:\work\monthly\january2002\metals

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

IAGWSP Impact Area Groundwater Study Program

Figure 2 - INSET MAP
Metals in Groundwater
Compared to MCL/HAs
Validated Data as of 12/28/01
Analyte Group
2



LEGEND

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

Sources & Notes
Base from US Geological Survey
7 1/2 minute Topo Maps. Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPsZone 2001, Units: Meters

Figure 3
VOCs in Groundwater
Compared to MCL/HAs
Validated Data as of 12/28/01
Analyte Group
3

IAGWSP Impact Area Groundwater Study Program

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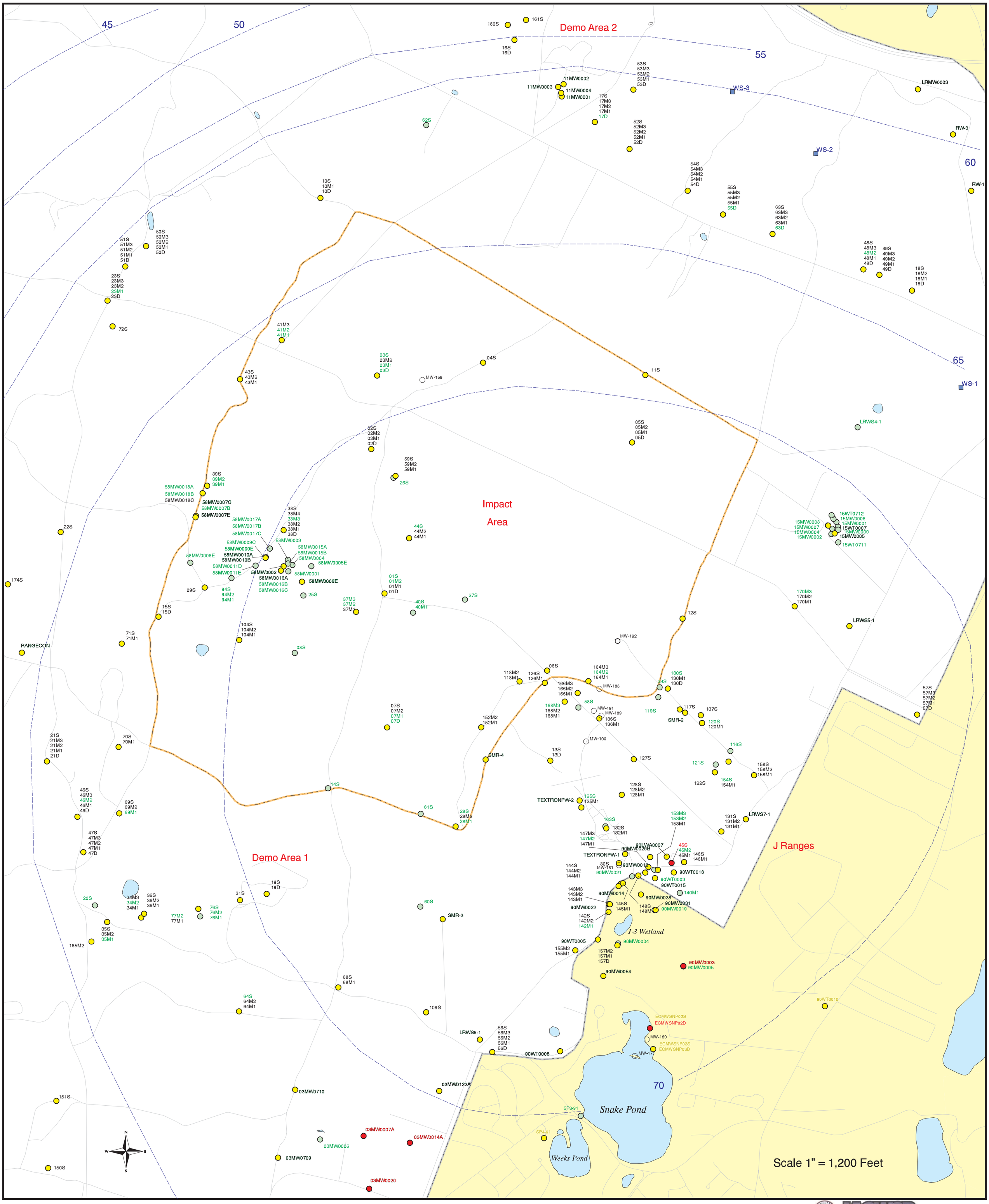

Sources & Notes
Base from US Geological Survey
7 1/2 minute Topo Maps. Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPsZone 2001, Units: Meters

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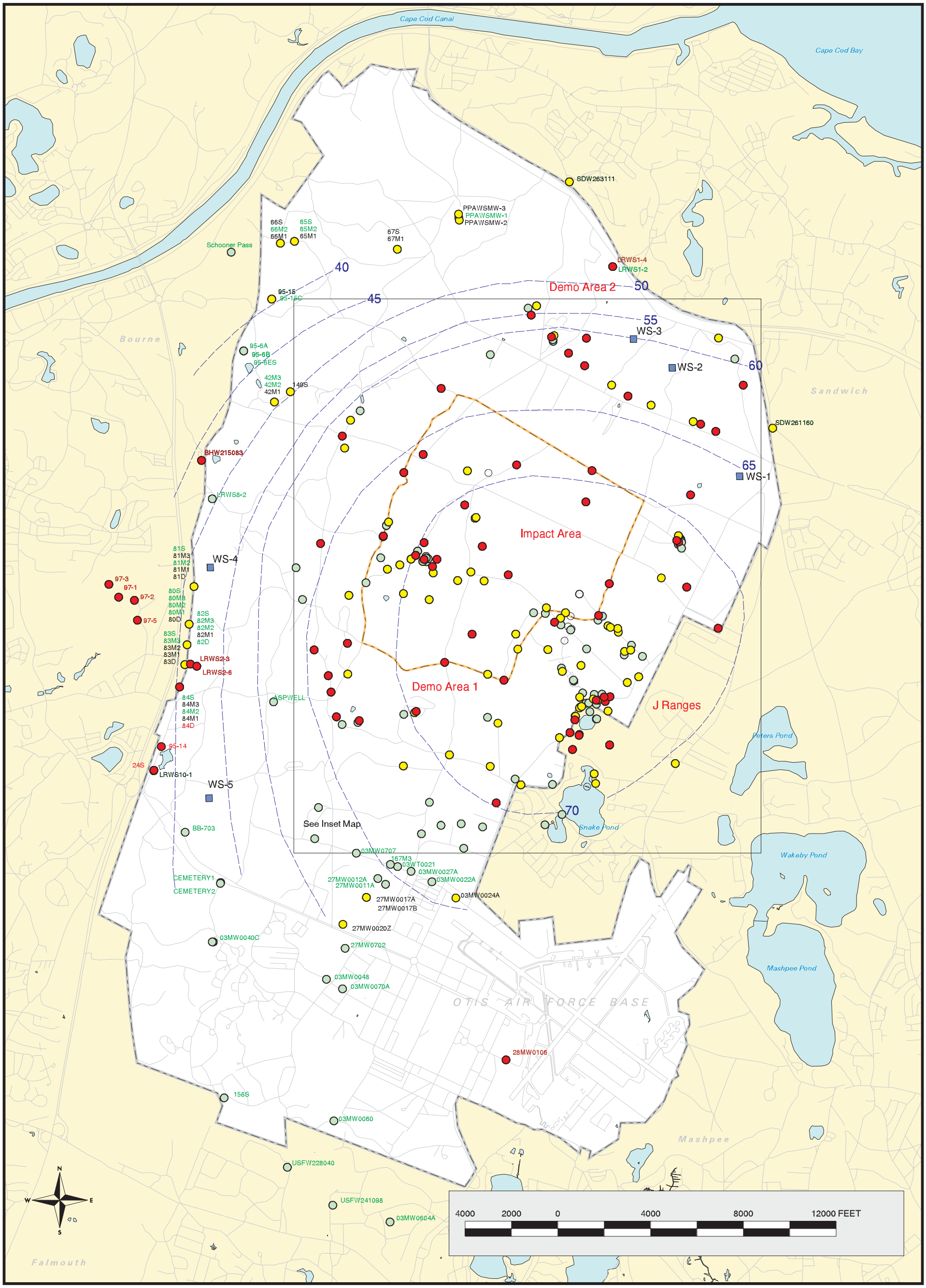
LEGEND
- Validated Detection GTE MCL/HA
- Validated Detection LT MCL/HA
- Validated Non-detect
- No Data Available

IAGWSP Impact Area Groundwater Study Program

Figure 3 - INSET MAP
VOCs in Groundwater Compared to MCL/HAs Validated Data as of 12/28/01
Analyte Group
3



LEGEND

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

Sources & Notes
Base from US Geological Survey
7 1/2 minute Topo Maps. Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPsZone 2001, Units: Meters

Figure 4
SVOCs in Groundwater
Compared to MCL/HAs
Validated Data as of 12/28/01
Analyte Group
4

IAGWSP Impact Area Groundwater Study Program

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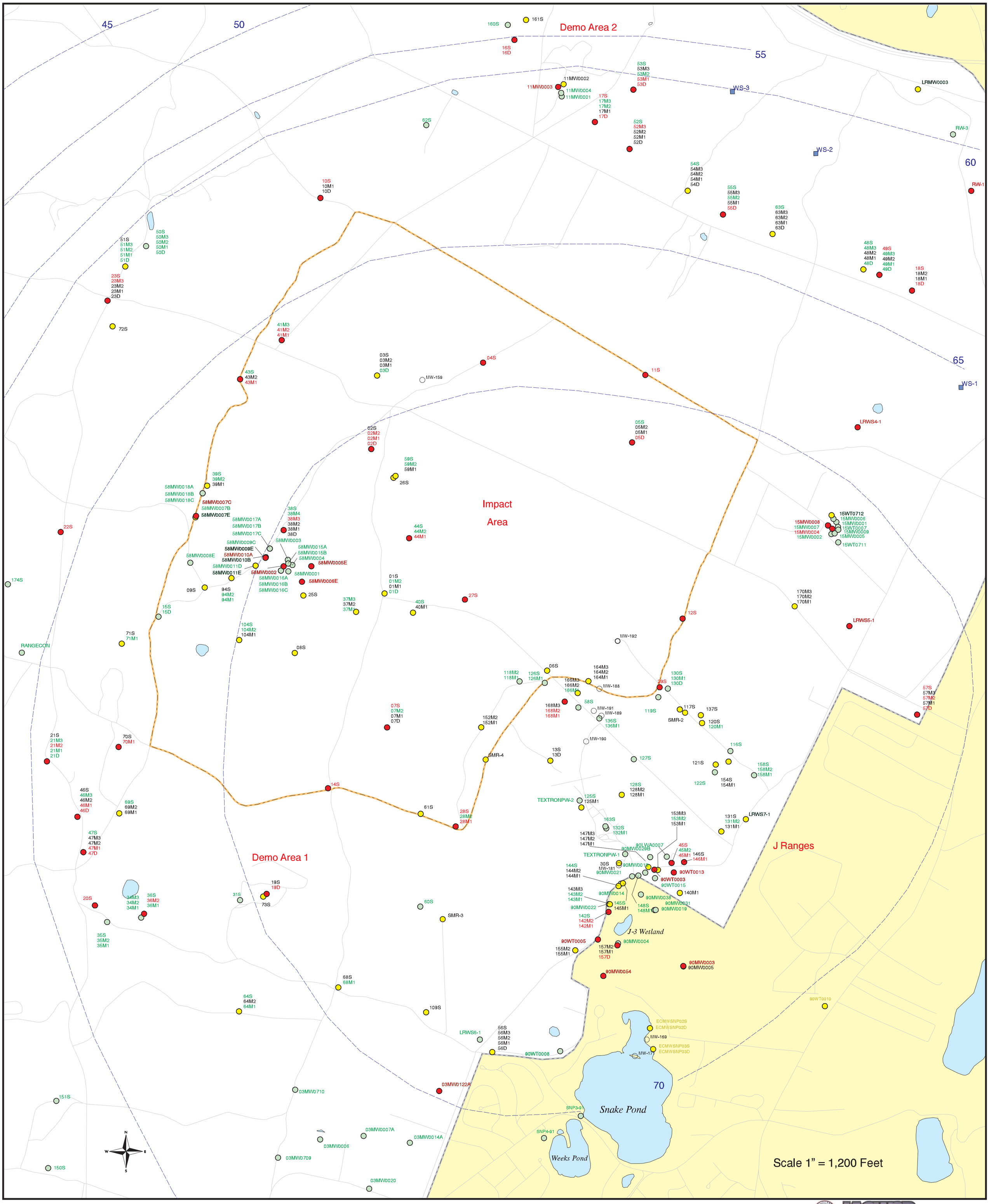

Sources & Notes
Base from US Geological Survey
7 1/2 minute Topo Maps. Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPsZone 2001, Units: Meters

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LEGEND

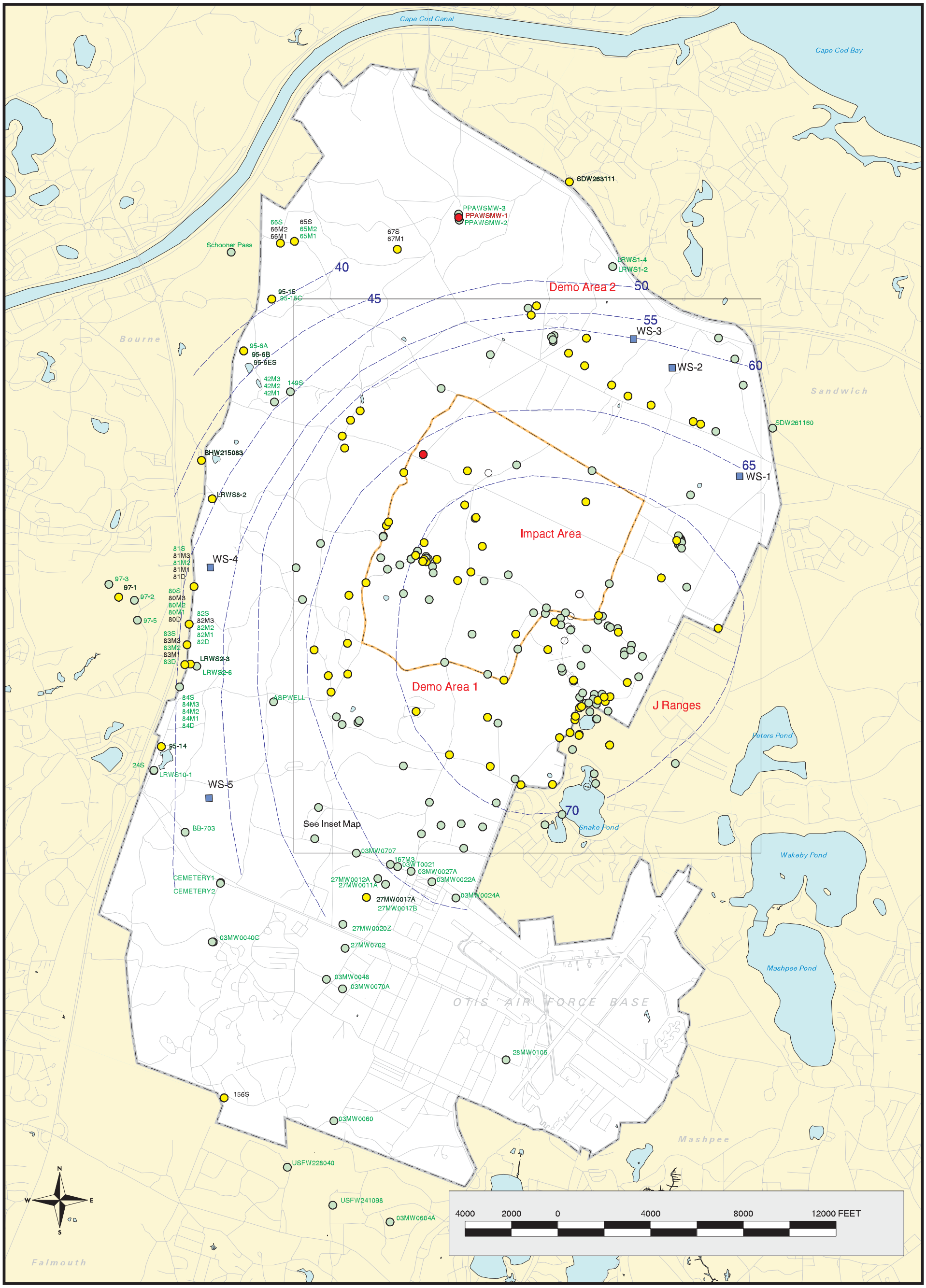
- Validated Detection GTE MCL/HA
- Validated Detection LT MCL/HA
- Validated Non-detect
- No Data Available

IAGWSP Impact Area Groundwater Study Program

Figure 4 - INSET MAP

SVOCs in Groundwater Compared to MCL/HAs Validated Data as of 12/28/01

Analyte Group
4



LEGEND

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

Sources & Notes
Base from US Geological Survey
7 1/2 minute Topo Maps. Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPsZone 2001, Units: Meters

Figure 5

Herbicides and Pesticides in Groundwater Compared to MCL/HAs Validated Data as of 12/28/01

Analyte Group
5

Demo Area 2

Impact Area

Demo Area 1

J Ranges

J-3 Wetland

Snake Pond

Weeks Pond

45 50 55 60 65 70

WS-1 WS-2 WS-3

RW-1 RW-3

RANGECON

SMR-2 SMR-3 SMR-4

TEXTRONPW-1 TEXTRONPW-2

MW-159 MW-169 MW-171 MW-188 MW-189 MW-190 MW-191 MW-192

160S 161S 16S 16D

11MW0002 11MW0003 11MW0004 11MW0001

53S 53M3 53M2 53M1 53D

17S 17M3 17M2 17M1 17D

52S 52M3 52M2 52M1 52D

62S

LRMW0003

54S 54M3 54M2 54M1 54D

55S 55M3 55M2 55M1 55D

63S 63M3 63M2 63M1 63D

10S 10M1 10D

50S 50M3 50M2 50M1 50D

51S 51M3 51M2 51M1 51D

23S 23M3 23M2 23M1 23D

72S

48S 48M3 48M2 48M1 48D

49S 49M3 49M2 49M1 49D

18S 18M2 18M1 18D

41M3 41M2 41M1

43S 43M2 43M1

03S 03M2 03M1 03D

04S

11S

02S 02M2 02M1 02D

05S 05M2 05M1 05D

LRWS4-1

59S 59M2 59M1

26S

39S 39M2 39M1

58MW0018A 58MW0018B 58MW0018C

58MW0007C 58MW0007B 58MW0007E

22S

58MW0017A 58MW0017B 58MW0017C

38S 38M4 38M3 38M2 38M1 38D

58MW0003

58MW0009C 58MW0009E 58MW0010A 58MW0010B

58MW0015A 58MW0015B 58MW0004 58MW0005E

58MW0008E

58MW0011D 58MW0011E

58MW0002 58MW0001 58MW0016A 58MW0016B 58MW0016C 58MW0006E

09S 94S 94M2 94M1

25S

44S 44M2 44M1

15WT0712 15MW0006 15MW0001 15WT0007 15MW0009 15MW0005 15WT0711

15MW0008 15MW0007 15MW0004 15MW0002

174S

01S 01M2 01M1 01D

37M3 37M2 37M

40S 40M1

27S

15S 15D

104S 104M2 104M1

71S 71M1

08S

12S

170M3 170M2 170M1

LRWS5-1

118M2 118M1

126S 126M1

06S

164M3 164M2 164M1

165M3 165M2 165M1

130S 130M1 130D

29S

57S 57M3 57M2 57M1 57D

168M3 168M2 168M1

58S

119S

117S

137S

120S 120M1

SMR-2

136S 136M1

152M2 152M1

07S 07M2 07M1 07D

116S

121S

158S 158M2 158M1

122S

154S 154M1

21S 21M3 21M2 21M1 21D

70S 70M1

13S 13D

127S

14S

128S 128M2 128M1

125S 125M1

46S 46M3 46M2 46M1 46D

69S 69M2 69M1

61S

28S 28M2 28M1

163S

132S 132M1

131S 131M2 131M1

LRWS7-1

153M3 153M2 153M1

147M3 147M2 147M1

47S 47M3 47M2 47M1 47D

90LWA0007

90MW0029B

45S 45M2 45M1

146S 146M1

30S

MW-181

90MW0021

90MW0012

90WT0013

90WT0003

90WT0015

140M1

144S 144M2 144M1

143M3 143M2 143M1

90MW0014

90MW0038

90MW0031

90MW0019

90MW0022

145S 145M1

148S 148M1

142S 142M2 142M1

90WT0005

155M2 155M1

157M2 157M1 157D

90MW0004

90MW0003 90MW0005

90MW0054

90WT0010

20S

34M3 34M2 34M1

36S 36M2 36M1

35S 35M2 35M1

19S 19D

60S

SMR-3

68S 68M1

64S 64M2 64M1

109S

LRWS6-1

56S 56M3 56M2 56M1 56D

90WT0008

ECMWSNP02S ECMWSNP02D

MW-169

ECMWSNP03S ECMWSNP03D

MW-171

03MW0122A

151S

03MW0710

SNP3-91

SNP4-91

03MW0007A

03MW0014A

03MW0006

03MW0709

150S

03MW0020

N W E S

Scale 1" = 1,200 Feet

Sources & Notes
Base from US Geological Survey
7 1/2 minute Topo Maps. Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPsZone 2001, Units: Meters

amec January 03, 2002 DRAFT

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LEGEND

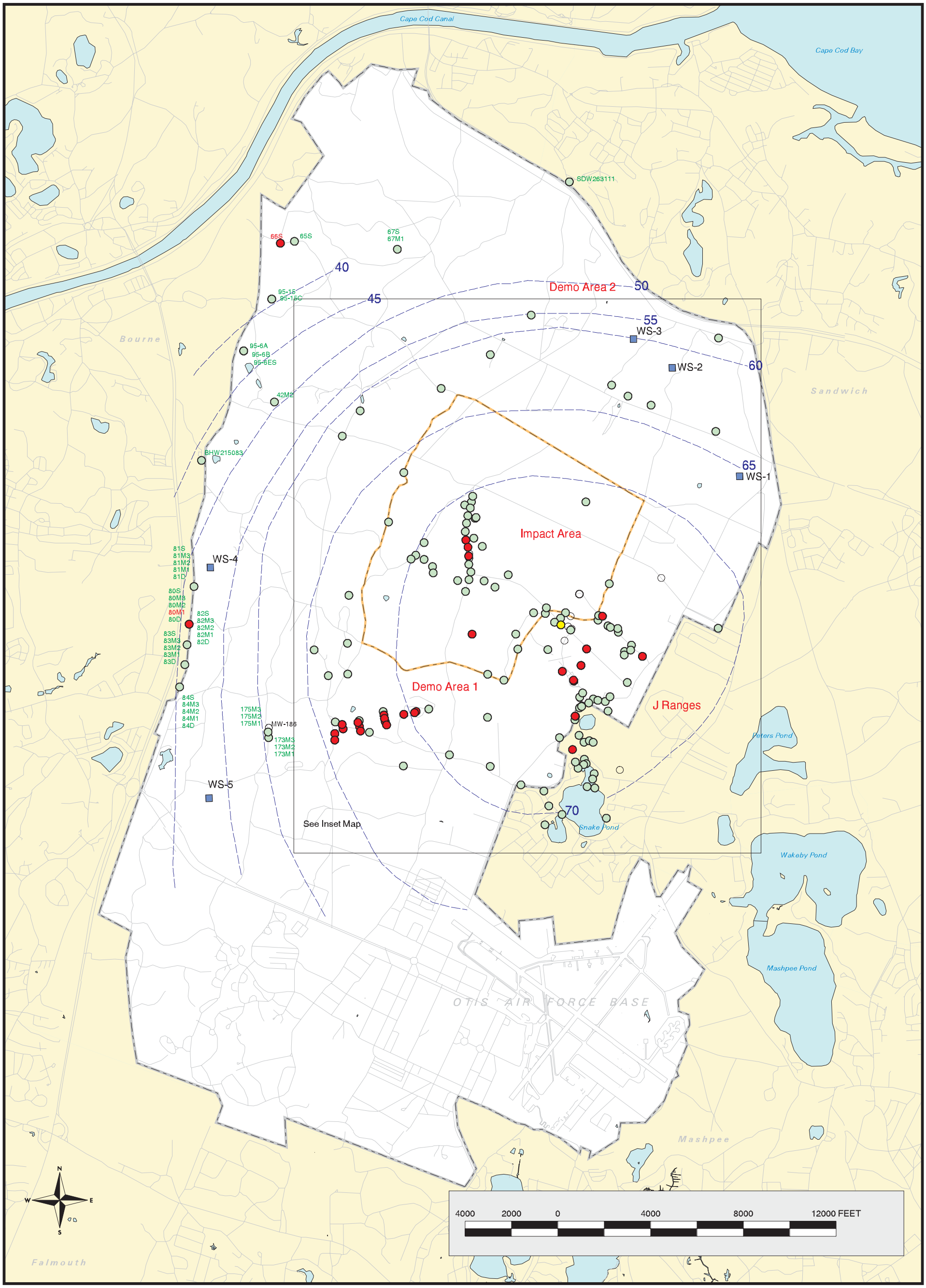
- Validated Detection GTE MCL/HA
- Validated Detection LT MCL/HA
- Validated Non-detect
- No Data Available

IAGWSP Impact Area Groundwater Study Program

Figure 5 - INSET MAP

Herbicides and Pesticides in Groundwater Compared to MCL/HAs Validated Data as of 12/28/01

Analyte Group
5



LEGEND

- Validated Detection GTE EPA Limit
- Validated Detection LT EPA Limit
- Validated Non-detect
- No Data Available

Sources & Notes
Base from US Geological Survey
7 1/2 minute Topo Maps. Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPsZone 2001, Units: Meters

IAGWSP Impact Area Groundwater Study Program

Figure 6
Perchlorate in Groundwater
Compared to EPA Limit
Validated Data as of 12/28/01
Analyte Group
6

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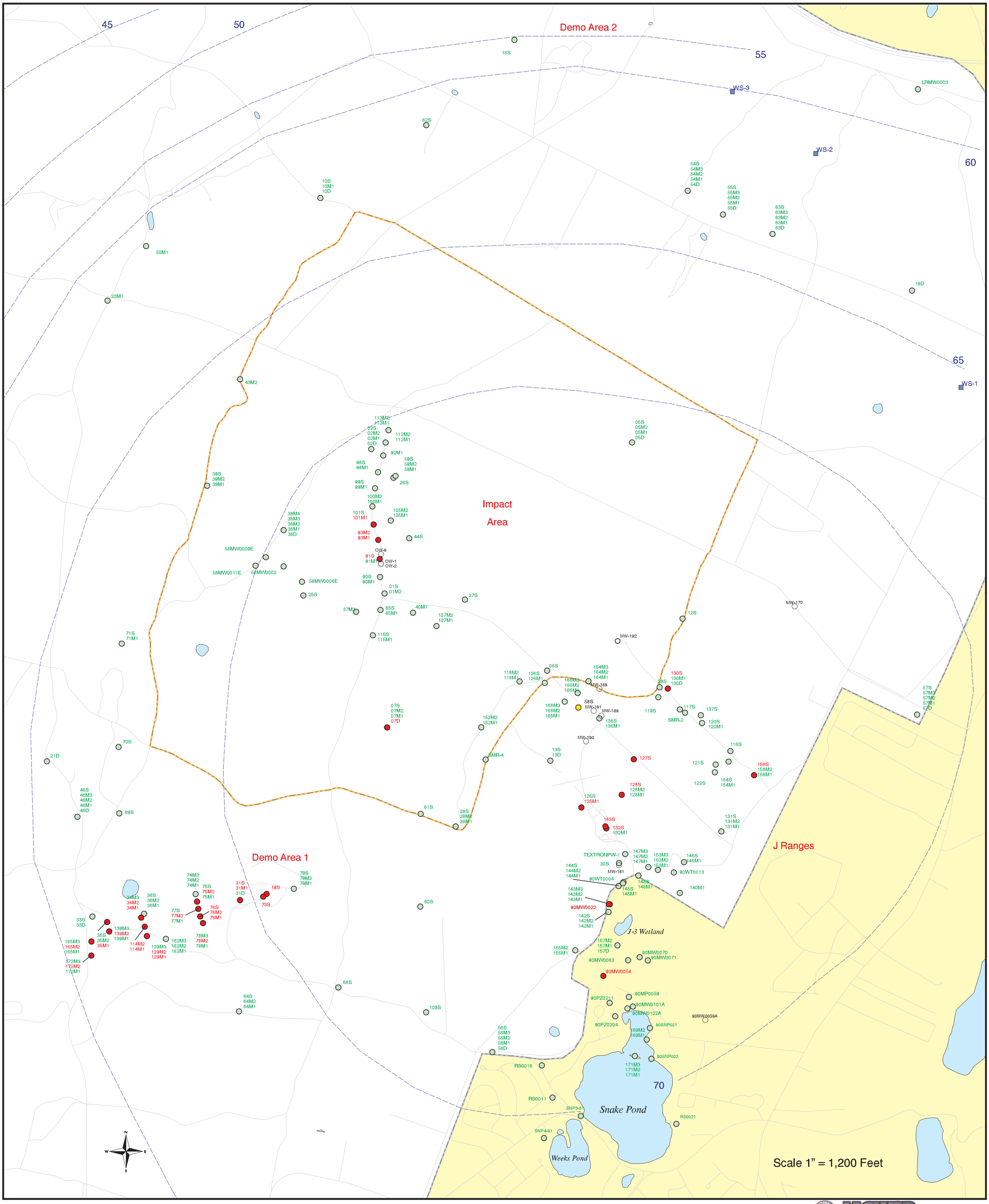

Sources & Notes
Base from US Geological Survey
7 1/2 minute Topo Maps. Source: MassGIS
Map Coordinates: Stateplane,
NAD83, FIPsZone 2001, Units: Meters

amec January 03, 2002 DRAFT

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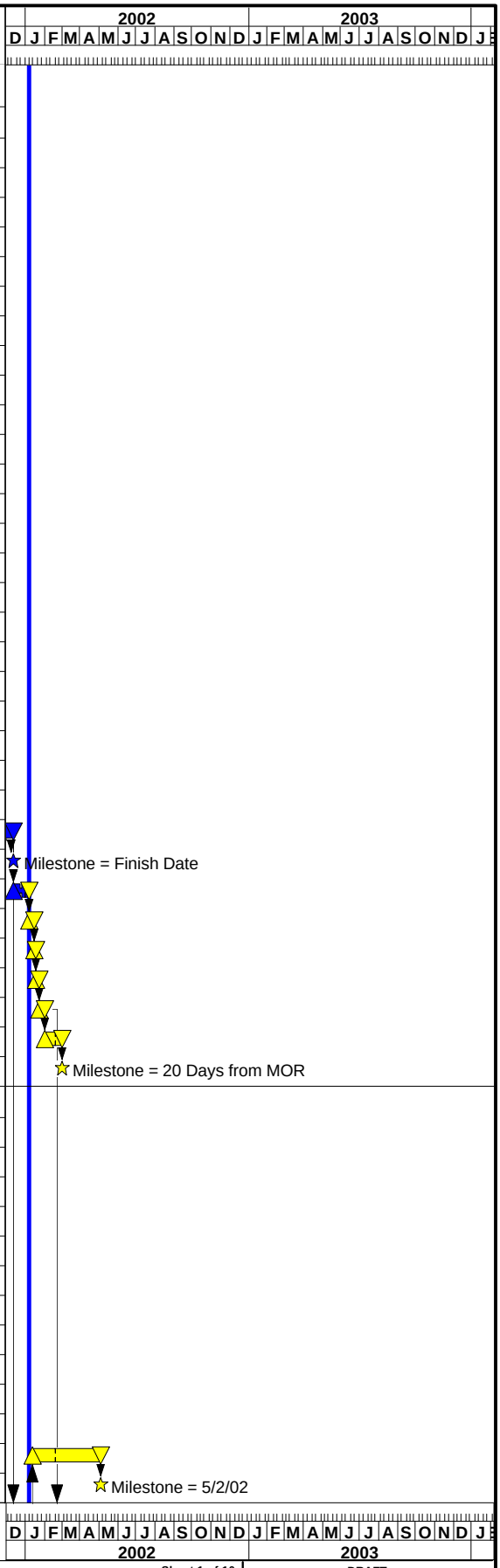
LEGEND
- Validated Detection GTE EPA Limit
- Validated Detection LT EPA Limit
- Validated Non-detect
- No Data Available

IAGWSP Impact Area Groundwater Study Program

Figure 6 - INSET MAP
Perchlorate in Groundwater Compared to MCL/HAs Validated Data as of 12/28/01
Analyte Group
6

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Site Characterization (AO1)					
Demo Area 1					
00110	Demo 1 Soil/GW Investigation		0	14OCT99A	23MAR00A
00120	Demo 1 Soil/GW Report Preparation		0	09MAR00A	08JUN00A
00130	Demo 1 Draft Soil/GW Report	YES	0		08JUN00A
00144	Demo 1 Establish GW COCs		0	22AUG00A	05DEC00A
00146	Demo 1 Rvw/Apprv GW COCs		0	06DEC00A	19DEC00A
00148	Demo 1 Prepare Draft GW Report		0	20DEC00A	18JAN01A
00150	Demo 1 Draft GW Report	YES	0		18JAN01A
00152	Demo 1 Revise Draft GW Report		0	19JAN01A	19APR01A
00154	Demo 1 Final GW Report	YES	0		19APR01A
00160	Demo 1 Geophysics Investigation		0	05JAN00A	15JUN00A
00170	Demo 1 Geophysics Presentation		0		15JUN00A
00175	Start Soil Investigation		0	27JUN00A	
00182	Geophysics Validation		0	24AUG00A	02OCT00A
00180	Soil Investigation		0	27JUN00A	27OCT00A
00181	Soil Analyses & Validation		0	30OCT00A	12JAN01A
00141	Demo 1 Establish Soil COCs		0	12FEB01A	16MAR01A
00142	Demo 1 Rvw/Apprv Soil COCs		0	19MAR01A	15MAY01A
00156	Demo 1 Prepare Draft Soil Report		0	26FEB01A	08JUN01A
00157	Demo 1 Draft Soil Report	YES	0		08JUN01A
00158	Demo 1 Revise Draft Soil Report		0	08JUN01A	12NOV01A
00161	Additional Borings in Demo 1		0	08AUG01A	10AUG01A
00162	Lab Analysis/Data Validation		0	13AUG01A	01OCT01A
00163	Coordination Meeting Demo 1 Soil		0	23OCT01A	23OCT01A
00164	Final Revisions Demo 1 Soil		0	13NOV01A	10DEC01A
00165	Submit Draft Final Demo 1 Soil Report	YES	0		10DEC01A
00166	Agency Review & Comment		1	11DEC01A	07JAN02
00167	Guard Prepare/Submit RCL		5	08JAN02	14JAN02
00168	Resolution Meeting (if needed)		1	17JAN02	17JAN02
00169	Guard Prepare/Submit MOR (if needed)		5	18JAN02	24JAN02
00171	EPA Approve MOR (if needed)		5	25JAN02	31JAN02
00172	Guard Prepare Final Soil Report		20	01FEB02	01MAR02
00159	Demo 1 Final Soil Report	YES	0		01MAR02
Central Impact Area					
00210	Impact Area Planning		0	23AUG99A	24JAN00A
00220	Impact Area Start Data Collection	YES	0	05JAN00A	
00230	Impact Area Investigation		0	05JAN00A	27JUL00A
00272	Response Plan Preparation		0	03MAY00A	31AUG00A
00274	Response Plan Investigation		0	14JUN00A	20DEC00A
00276	Response Plan Report Prep.		0	27NOV00A	28FEB01A
00278	Response Plan Draft Report (GW)	YES	0		28FEB01A
00280	Response Plan Revise Draft Report		0	01MAR01A	13JUN01A
00282	Response Plan Final Report (GW)	YES	0		13JUN01A
00283	Install 8 Additional Well Nests		0	01AUG01A	13OCT01A
00284	Complete 8 Additional Well Nests	YES	0		13OCT01A
00285	Install 17 Additional Well Nests		78	14JAN02	02MAY02
00287	Complete 17 Additional Well Nests	YES	0		02MAY02



Project Start 29FEB00
Project Finish 22NOV05
Data Date 06JAN02
Run Date 08JAN02

Early Bar
Progress Bar

UBER

Sheet 1 of 10

Figure 7. Combined Schedule for the Impact Area GW Study Program as of 1/4/02

DRAFT

Date	Revision	Checked	Approved

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Central Impact Area					
00286	Prepare Draft Soil Report		0	09APR01A	17JUL01A
00288	Submit Draft Soil Report	YES	0		17JUL01A
00290	Revise Draft Soil Report		50	17JUL01A	24JUN02
00260	Coordination Meeting CIA Soil Report		1	25JUN02	25JUN02
00261	Final Revisions CIA Soil Report		40	25JUN02	20AUG02
00262	Submit Draft Final CIA Soil Report	YES	0		20AUG02
00263	Revise Draft Final CIA Soil Report		65	21AUG02	20NOV02
00292	Final Soil Report	YES	0		20NOV02
Impact Area Targets (Phase 2)					
01809	Prepare Targets Draft Workplan		0	08OCT01A	05NOV01A
01810	Targets Draft Workplan	YES	0		05NOV01A
01820	Targets Revise Draft Workplan		42	06NOV01A	06MAR02
01830	Targets Final Workplan		0		06MAR02
01840	Targets Start Data Cllctn	YES	0	04MAR02	
01850	Targets Investigation (Phase 2)		40	04MAR02*	26APR02
01860	Lab Analysis/Data Validation		40	29APR02	24JUN02
High Use Target Area 1					
01110	HUTA Planning		0	10JAN00A	24APR00A
01120	HUTA Draft Workplan		0		24APR00A
01130	HUTA Revise Draft Workplan		0	24APR00A	27OCT00A
01140	HUTA Final Workplan		0		27OCT00A
01160	HUTA Investigation		0	17JUL00A	09AUG01A
01170	HUTA Report Preparation		0	04DEC00A	31OCT01A
01175	HUTA Interim Report		0		18MAY01A
01180	HUTA Draft Report	YES	0		31OCT01A
01190	HUTA Revise Draft Report		50	01NOV01A	18MAR02
01195	HUTA Final Report	YES	0		18MAR02
+ Impact Area Targets (Phase 1)					
			0	24APR00A	18APR01A
+ Mortar Targets					
			0	04OCT99A	16NOV00A
High Use Target Area 2					
01900	Prepare Draft Work Plan		0	01NOV01A	07NOV01A
01901	Draft Work Plan	YES	0		07NOV01A
01902	Coordinate WP with Regulators		0	08NOV01A	30NOV01A
Site #1					
01903	Fieldwork		15	13NOV01A	25JAN02
01904	Lab Analysis/Data Validation		40	28JAN02	25MAR02
01905	Prepare Report		48	28JAN02	04APR02
01906	Submit Draft Report (w/o analytical)		0		25FEB02
01907	Submit Draft Report (w/ analytical)	YES	0		04APR02
01908	Revise Draft Report		65	05APR02	08JUL02
01909	Submit Final Report	YES	0		08JUL02
Site #2					
01913	Fieldwork		28	13NOV01A	13FEB02
01914	Lab Analysis/Data Validation		40	14FEB02	11APR02
01915	Prepare Report		48	14FEB02	23APR02

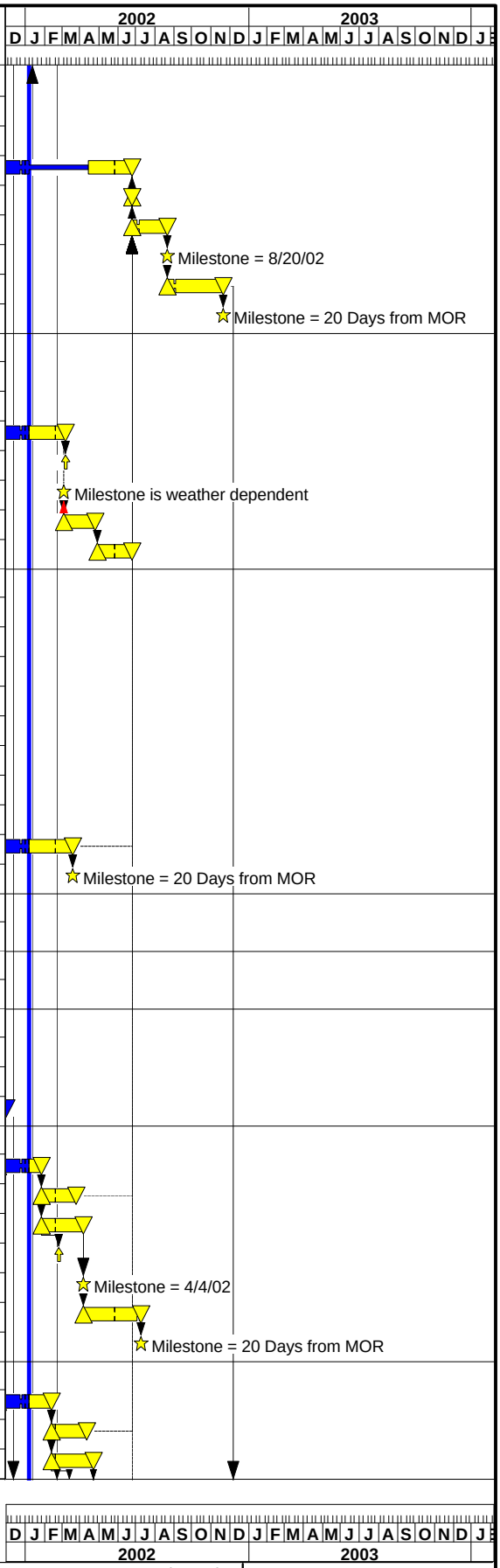


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Figure 7. Combined Schedule for the Impact Area GW Study Program as of 1/4/02

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Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Site #2					
01916	Submit Draft Report (w/o analytical)		0		14MAR02
01917	Submit Draft Report (w/ analytical)	YES	0		23APR02
01918	Revise Draft Report		65	24APR02	25JUL02
01919	Submit Final Report	YES	0		25JUL02
Site #3					
01923	Fieldwork		48	20DEC01A	14MAR02
01924	Lab Analysis/Data Validation		40	15MAR02	09MAY02
01925	Prepare Report		48	15MAR02	21MAY02
01926	Submit Draft Report (w/o analytical)		0		11APR02
01927	Submit Draft Report (w/ analytical)	YES	0		21MAY02
01928	Revise Draft Report		65	22MAY02	22AUG02
01929	Submit Final Report	YES	0		22AUG02
Site #4					
01933	Fieldwork		45	31DEC01A	11MAR02
01934	Lab Analysis/Data Validation		40	12MAR02	06MAY02
01935	Prepare Report		48	12MAR02	16MAY02
01936	Submit Draft Report (w/o analytical)		0		08APR02
01937	Submit Draft Report (w/ analytical)	YES	0		16MAY02
01938	Revise Draft Report		65	17MAY02	19AUG02
01939	Submit Final Report	YES	0		19AUG02
Site #5					
01943	Fieldwork		45	31DEC01A	11MAR02
01944	Lab Analysis/Data Validation		40	12MAR02	06MAY02
01945	Prepare Report		48	12MAR02	16MAY02
01946	Submit Draft Report (w/o analytical)		0		08APR02
01947	Submit Draft Report (w/ analytical)	YES	0		16MAY02
01948	Revise Draft Report		65	17MAY02	19AUG02
01949	Submit Final Report	YES	0		19AUG02
J-2 Range					
00310	J-2 Range Planning		0	08FEB00A	07APR00A
00320	J-2 Range Draft Workplan	YES	0		07APR00A
00330	J-2 Range Rev. Draft Workplan		0	10APR00A	01AUG00A
00340	J-2 Range Final Workplan		0		01AUG00A
00350	J-2 Range Start Data Collection	YES	0	05JUL00A	
00360	J-2 Range Investigation		0	05JUL00A	01DEC00A
00365	J-2 Range Geophysics Survey		0	15MAY00A	28MAR01A
00367	J-2 Range Geophysics Prsntatn.		0		19APR01A
00370	J-2 Range Report Preparation		0	16NOV00A	16MAR01A
00380	J-2 Range Interim Data Report	YES	0		16MAR01A
00392	J-2 Additional Delineation Planning		0	04DEC00A	21MAY01A
00393	Start J-2 Addn'l Delineation	YES	0	11JUL01A	
00394	J-2 Range Additional Delineation		0	11JUL01A	28AUG01A
00395	J-2 Range Draft Report Prep.		0	07AUG01A	03DEC01A
00399	Scoping Meeting for Draft Report		0	11OCT01A	
00396	J-2 Range Draft Report	YES	0		03DEC01A
00397	J-2 Range Revise Draft Report		50	04DEC01A	18MAR02
00398	J-2 Range Final Report	YES	0		18MAR02

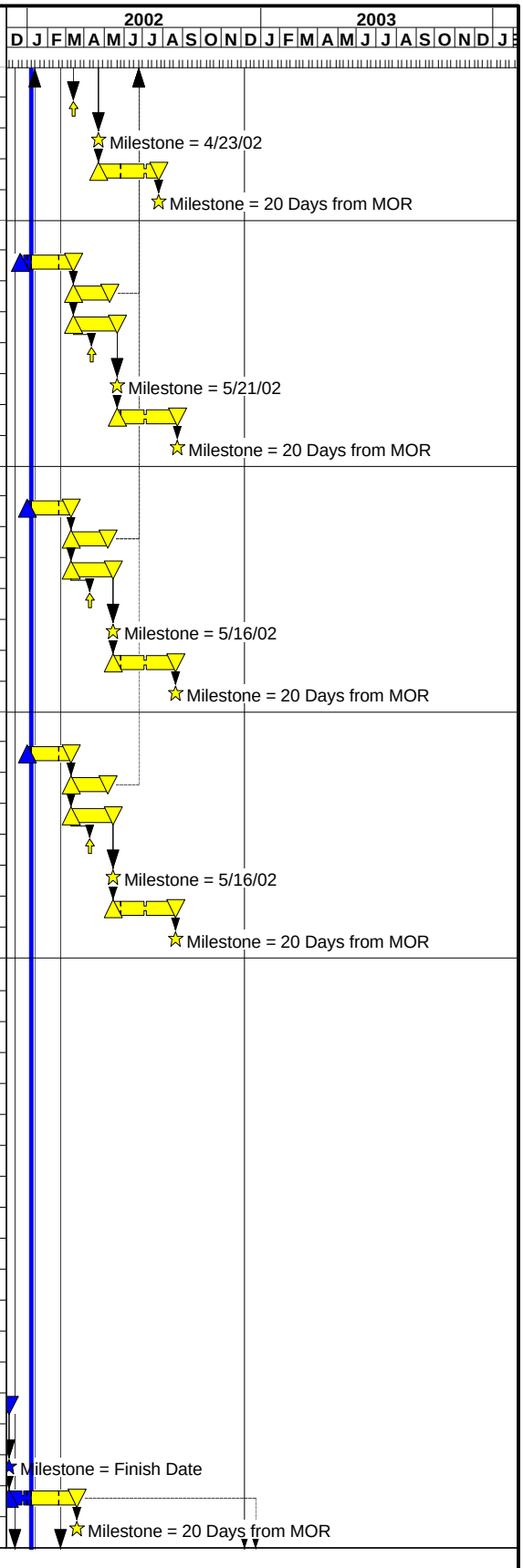

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Figure 7. Combined Schedule for the Impact Area GW Study Program as of 1/4/02

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
J-1/J-3 Range					
00410	J-1/J-3 Range Planning		0	06DEC99A	21APR00A
00420	J-1/J-3 Range Draft Workplan	YES	0		21APR00A
00430	J-1/J-3 Range Rev. Draft Workplan		0	24APR00A	25AUG00A
00440	J-1/J-3 Range Final Workplan		0		25AUG00A
00450	J-1/J-3 Range Start Data Cllctn	YES	0	26JUL00A	
00460	J-1/J-3 Range Investigation		0	26JUL00A	29JUN01A
00465	J-1/J-3 Range Geophys. Investigation		0	15MAY00A	20MAR01A
00467	J-1/J-3 Range Geophys. Presentation		0		14JUN01A
00470	J-1/J-3 Range Report Preparation		0	22JAN01A	05SEP01A
00475	J-1/J-3/L Range Interim Results Report	YES	0		30MAR01A
00480	J-1/J-3 Range Draft Report	YES	0		05SEP01A
00490	J-1/J-3 Range Rev. Draft Report		0	05SEP01A	30NOV01A
00492	Additional Delineation Workplan #1		0	26APR01A	08AUG01A
00493	Start J-1/J-3/L Addn'l Delineation	YES	0	30AUG01A	
00494	Additional Delineation Investigation		5	30AUG01A	11JAN02
00495	Additional Delineation Report Prep.		35	12NOV01A	25FEB02
00496	Additional Delineation Draft Report	YES	0		25FEB02
00497	Additional Delineation Rev. Draft Report		65	26FEB02	28MAY02
00479	Prepare ADWP #2		0	17SEP01A	21DEC01A
00481	Additional Delineation Workplan #2	YES	0		21DEC01A
00482	Revise Draft ADWP #2		58	26DEC01A	28MAR02
00483	Submit Final ADWP #2		0		28MAR02
00484	Start J-1/J-3/L Addn'l Delineation	YES	0	22MAR02	
00485	Additional Delineation Investigation		60	22MAR02	14JUN02
00486	J1/J3/L Range Draft Final Rep. Prep.		70	31MAY02	09SEP02
00487	J1/J3/L Range Draft Final Report	YES	0		09SEP02
00488	Revise J1/J3/L Range Draft Final Rep.		65	10SEP02	10DEC02
00489	J1/J3/L Range Final Report	YES	0		10DEC02
Gun/Mortar Positions					
00510	Gun/Mortar Investigation		0	30AUG99A	17APR00A
00515	Gun/Mortar Geophys. Presentation		0		23MAR00A
00520	Gun/Mortar Report Preparation		0	24MAR00A	07JUL00A
00530	Gun/Mortar Draft Report	YES	0		07JUL00A
00540	Gun/Mortar Report MOR		0	10JUL00A	16NOV00A
00542	Gun/Mortar Establish COCs		0	16FEB01A	06JUN01A
00546	Gun/Mortar Prepare Draft Final Report		0	06JUN01A	01AUG01A
00548	Gun/Mortar Draft Final Report	YES	0		01AUG01A
00549	Gun/Mortar Rev. Draft Final		20	01AUG01A	01FEB02
00550	Gun/Mortar Final Report	YES	0		01FEB02
00552	Submit Revised Draft Report	YES	0		29OCT01A
00562	Submit G/M Del. Sampling WP for	YES	0		15NOV01A
00566	Submit G/M Final Draft ADWP	YES	0		09JAN02
+ Trenches, Bunkers, Ground Scars					
			0	04OCT99A	18SEP00A
Training Areas					
00810	Training Areas Planning		0	01APR99A	22JUL99A
00820	Training Areas Draft Workplan		0		22JUL99A

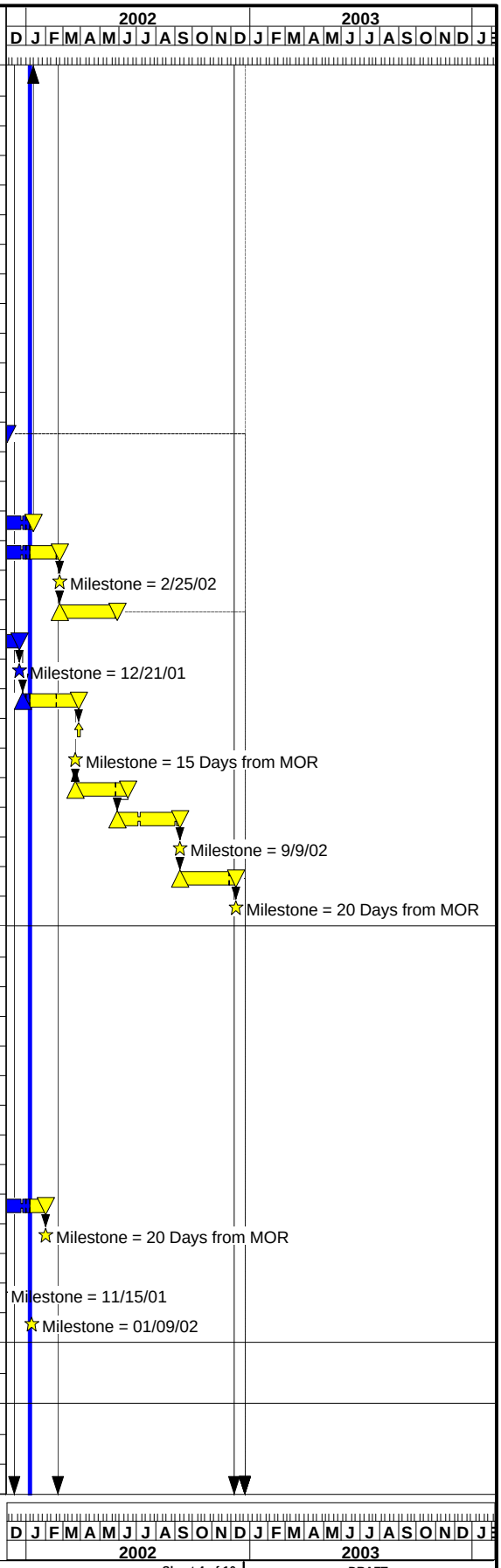

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Figure 7. Combined Schedule for the Impact Area GW Study Program as of 1/4/02

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Training Areas					
00830	Training Areas Rev. Draft Workplan		0	23JUL99A	23MAR00A
00840	Training Areas Final Workplan	YES	0		23MAR00A
00850	Training Areas Start Data Cllctn	YES	0	20MAR00A	
00860	Training Areas Background		59	20MAR00A	29MAR02
00862	Start Training Areas Fieldwork	YES	0	01APR02	
00864	Training Areas Fieldwork		54	01APR02	14JUN02
00870	Training Areas Report Preparation		60	17JUN02	10SEP02
00880	Submit Training Areas Draft Report	YES	0		10SEP02
00890	Training Areas Rev. Draft Report		65	11SEP02	11DEC02
00895	Training Areas Final Report	YES	0		11DEC02
+ KD/U Ranges					
			0	10MAY99A	16JUN00A
+ J-3 Wetland					
			0	15APR99A	20JUL00A
+ Water Bodies					
			0	19NOV99A	13JUL00A
+ Slit Trench					
			0	01MAY00A	27JUL00A
Phase II(b)					
01500	Phase II(b) Draft Workplans		0	01JUN00A	31AUG00A
01510	Revise Draft Workplans		0	01SEP00A	16NOV00A
01520	Phase II(b) Final Workplans		0		17NOV00A
01530	Phase II(b) Investigations		0	15JAN01A	01AUG01A
01540	Phase II(b) Report Preparation		0	29MAY01A	20AUG01A
01550	Phase II(b) Draft Report	YES	0		20AUG01A
01560	Revise Draft Report		11	20AUG01A	21JAN02
01570	Phase II(b) Final Report	YES	0		21JAN02
01572	Former A/K/Demo 2 Report Preparation		13	20AUG01A	23JAN02
01574	Former A/K/Demo 2 Draft Report	YES	0		23JAN02
01576	Revise Draft Report		65	24JAN02	25APR02
01578	Former A/K/Demo 2 Final Report	YES	0		25APR02
Munition Survey Project					
MSP Phase I					
01610	Submit MSP Phase I Draft Report	YES	0		30OCT00A
01615	Revise MSP Phase I Draft Report		0	01NOV00A	31AUG01A
01620	Submit Revised MSP Phase I Draft	YES	0		31AUG01A
01625	Revise Revised MSP Phase I Draft		50	04SEP01A	18MAR02
01630	Submit MSP Phase I Final Report	YES	0		18MAR02
MSP Phase II					
AirMag Target Lists					
01701	Start Fieldwork	YES	0	26JUN01A	
01703	Fieldwork		0	26JUN01A	22OCT01A
01705	Prepare Report		0	28AUG01A	05NOV01A
01707	Submit Draft Report	YES	0		05NOV01A
01708	Revise Draft Report		26	06NOV01A	11FEB02
01709	Submit Final Report	YES	0		11FEB02

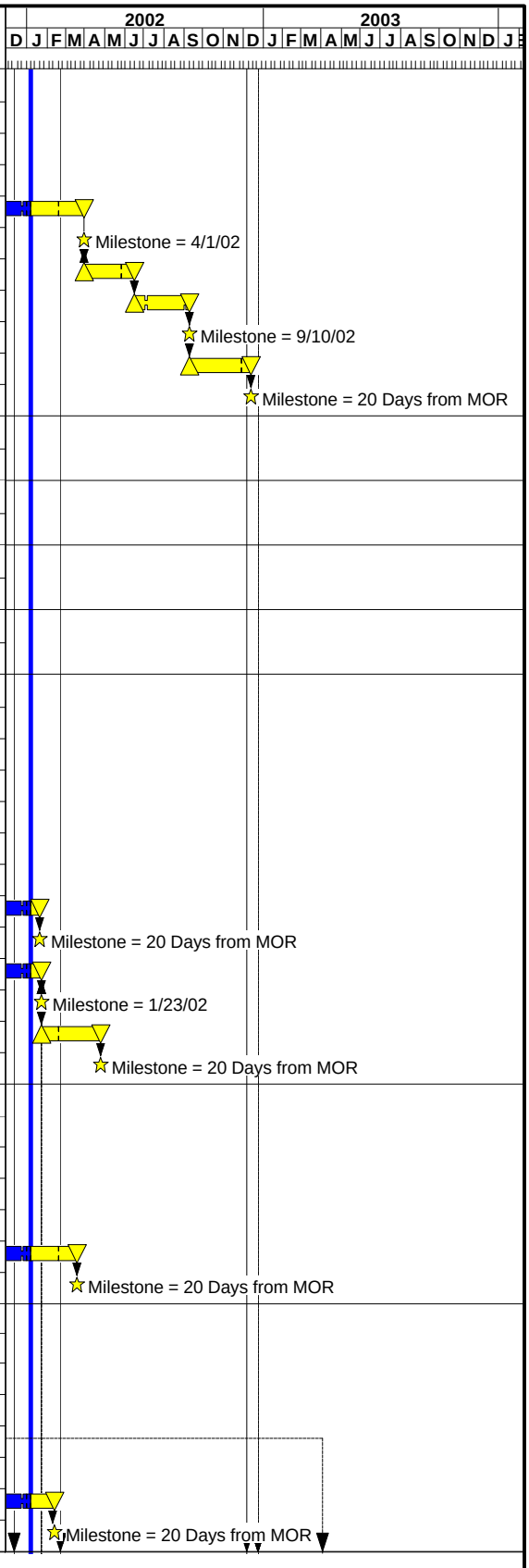

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Figure 7. Combined Schedule for the Impact Area GW Study Program as of 1/4/02

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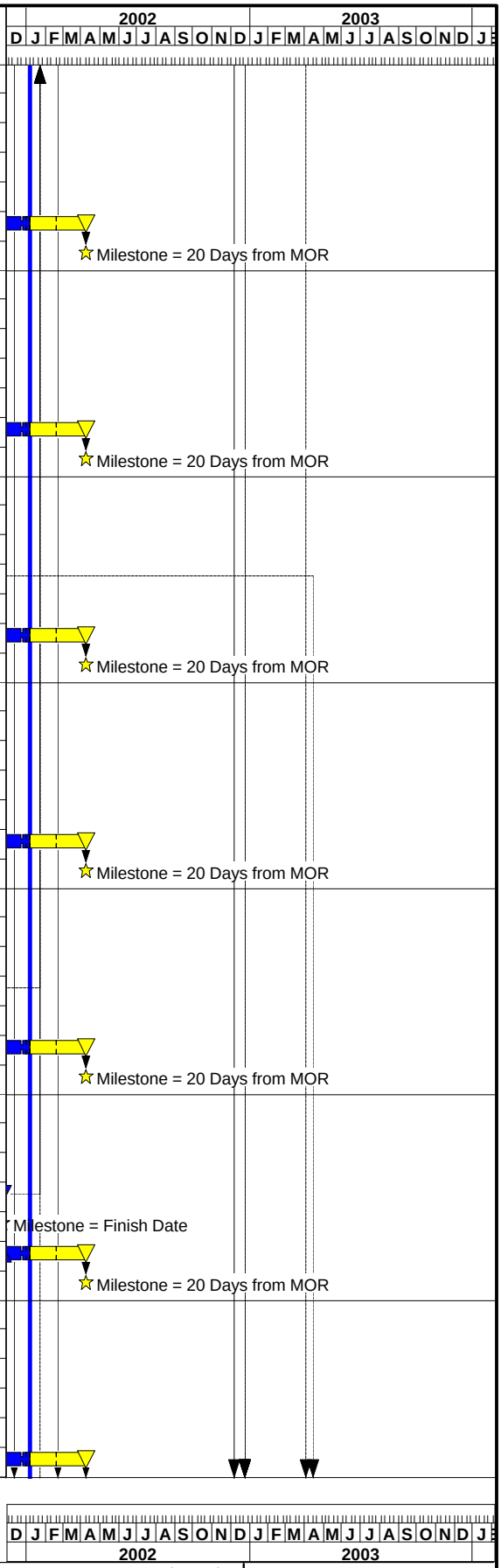
Demo 1 Validation					
01711	Start Fieldwork	YES	0	10JUL01A	
01713	Fieldwork		0	10JUL01A	24JUL01A
01715	Prepare Report		0	25JUL01A	19OCT01A
01717	Submit Draft Report	YES	0		19OCT01A
01718	Revise Draft Report		65	22OCT01A	08APR02
01719	Submit Final Report	YES	0		08APR02
Slit Trench Validation					
01721	Start Fieldwork	YES	0	30JUL01A	
01723	Fieldwork		0	30JUL01A	09AUG01A
01725	Prepare Report		0	10AUG01A	06NOV01A
01727	Submit Draft Report	YES	0		06NOV01A
01728	Revise Draft Report		65	07NOV01A	08APR02
01729	Submit Final Report	YES	0		08APR02
J1 Range Vehicle Removal					
01731	Start Fieldwork	YES	0	13AUG01A	
01733	Fieldwork		0	13AUG01A	04SEP01A
01735	Prepare Report		0	05SEP01A	03OCT01A
01737	Submit Draft Report	YES	0		03OCT01A
01738	Revise Draft Report		65	04OCT01A	08APR02
01739	Submit Final Report	YES	0		08APR02
ASP Geophysics					
01741	Start Fieldwork	YES	0	14AUG01A	
01743	Fieldwork		0	14AUG01A	07SEP01A
01745	Prepare Report		0	10SEP01A	25OCT01A
01747	Submit Draft Report	YES	0		25OCT01A
01748	Revise Draft Report		65	26OCT01A	08APR02
01749	Submit Final Report	YES	0		08APR02
Former K Range					
01751	Start Fieldwork	YES	0	21AUG01A	
01753	Fieldwork		0	21AUG01A	21SEP01A
01755	Prepare Report		0	24SEP01A	02NOV01A
01757	Submit Draft Report	YES	0		02NOV01A
01758	Revise Draft Report		65	05NOV01A	08APR02
01759	Submit Final Report	YES	0		08APR02
Former A Range					
01761	Start Fieldwork	YES	0	22AUG01A	
01763	Fieldwork		0	22AUG01A	01OCT01A
01765	Prepare Report		0	02OCT01A	19NOV01A
01767	Submit Draft Report	YES	0		19NOV01A
01768	Revise Draft Report		65	20NOV01A	08APR02
01769	Submit Final Report	YES	0		08APR02
Succonsette Pond					
01771	Start Fieldwork	YES	0	24AUG01A	
01773	Fieldwork		0	24AUG01A	11SEP01A
01775	Prepare Report		0	12SEP01A	23OCT01A
01777	Submit Draft Report	YES	0		23OCT01A
01778	Revise Draft Report		65	24OCT01A	08APR02



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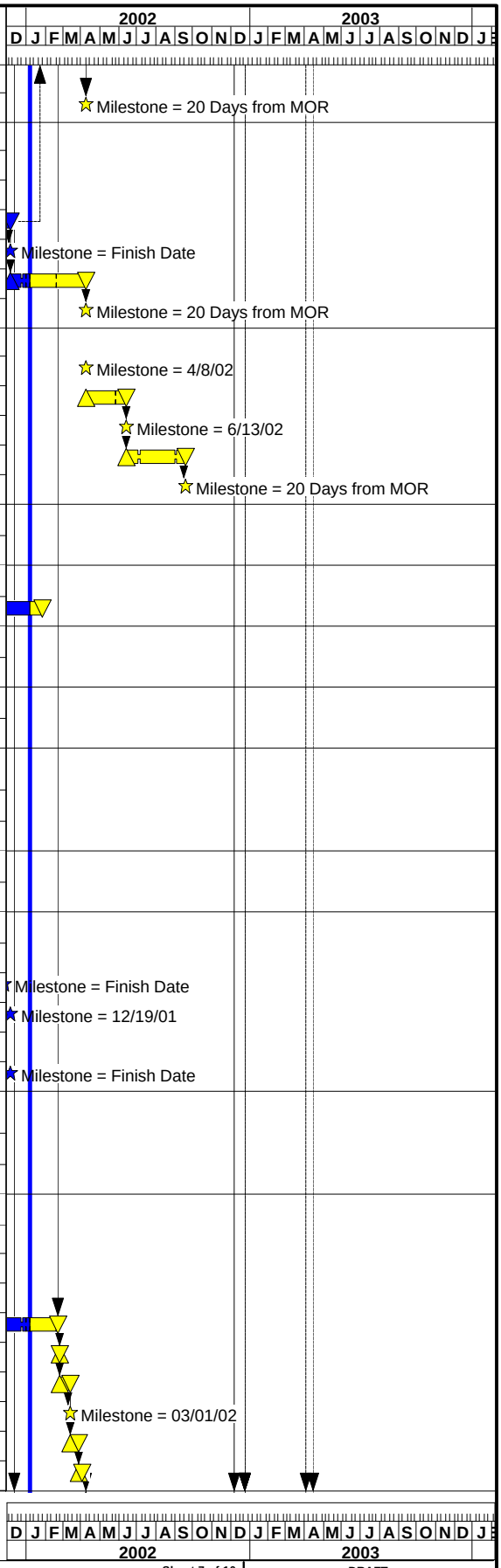
Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Succonsette Pond					
01779	Submit Final Report	YES	0		08APR02
Demo Area 2					
01781	Start Fieldwork	YES	0	06SEP01A	
01783	Fieldwork		0	06SEP01A	05NOV01A
01785	Prepare Report		0	06NOV01A	05DEC01A
01787	Submit Draft Report	YES	0		05DEC01A
01788	Revise Draft Report		65	06DEC01A	08APR02
01789	Submit Final Report	YES	0		08APR02
CIA MSP Sites #1 and #2					
01794	Complete Fieldwork	YES	0		08APR02
01795	Prepare Report		47	09APR02	13JUN02
01797	Submit Draft Report	YES	0		13JUN02
01798	Revise Draft Report		65	14JUN02	16SEP02
01799	Submit Final Report	YES	0		16SEP02
+ Fate and Transport Modeling					
			0	01JAN99A	19DEC00A
+ Groundwater Monitoring Programs					
			15	01SEP97A	25JAN02
+ Analytical Methods					
			0	05NOV98A	26JUN00A
+ Reports					
			0	01SEP99A	31OCT01A
Rapid Response Actions (AO3)					
+ Group 1 (KD, J-3, GP-16, APC)					
			0	31JAN00A	30APR01A
+ Group 2 (Target 9)					
			0	16JAN01A	10AUG01A
Group 2 (Former H)					
11355	Contaminant Delineation and	YES	0		16OCT01A
11370	Site Char. of Military Features Complete	YES	0		21NOV01A
11380	Submit Draft Military Features Report	YES	0		05DEC01A
11390	Site Char. of MW-157 Area Complete	YES	0		07NOV01A
11400	Submit Draft MW-157 Area Report	YES	0		05DEC01A
Feasibility Studies (AO3)					
+ FS Workplan					
			0	14FEB00A	15FEB01A
Demo Area 1					
Soil Operable Unit					
21170	FS Screening Report Preparation		0	19MAR01A	21JUN01A
21180	Draft FS Screening Report	YES	0		21JUN01A
21190	Revise Draft FS Screening Report		34	22JUN01A	22FEB02
21191	Coordination Meeting		1	25FEB02	25FEB02
21192	Final Revisions Demo 1 FSSR		11	26FEB02	12MAR02
21193	Submit Draft Final Demo 1 FSSR	YES	0		12MAR02
21194	Agency Review & Comment		11	13MAR02	27MAR02
21195	Guard Prepare/Submit RCL		5	28MAR02	03APR02



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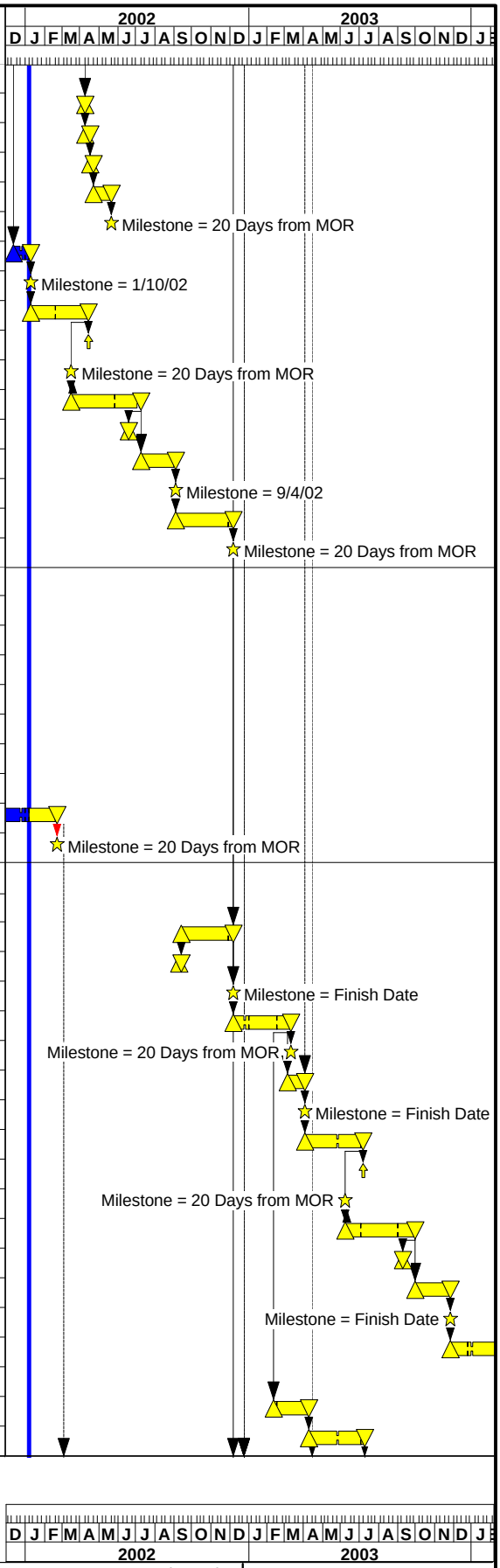
Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Soil Operable Unit					
21196	Resolution Meeting (if needed)		1	08APR02	08APR02
21197	Guard Prepare/Submit MOR (if needed)		6	09APR02	16APR02
21198	EPA Approve MOR (if needed)		5	17APR02	23APR02
21199	Guard Prepare Final FSSR (if needed)		20	24APR02	21MAY02
21200	Final FS Screening Report	YES	0		21MAY02
21210	Post-Screening Invest. Workplan Prep.		4	11DEC01A	10JAN02
21220	Draft Post-Screening Invest. Workplan	YES	0		10JAN02
21230	Revise Draft PSI Workplan		65	11JAN02	12APR02
21240	Final Post-Screening Workplan		0		12APR02
21250	Start Post-Screening Investigation	YES	0	18MAR02	
21260	Post-Screening Investigation		80	18MAR02	09JUL02
21270	FS Scoping Meeting		1	18JUN02	18JUN02
21310	FS Preparation		40	10JUL02	04SEP02
21320	Draft FS	YES	0		04SEP02
21330	Revise Draft FS		65	05SEP02	05DEC02
21340	Final FS	YES	0		05DEC02
Groundwater Operable Unit					
21510	FS Screening Report Preparation		0	06DEC00A	31JAN01A
21520	Draft FS Screening Report	YES	0		31JAN01A
21530	Revise Draft FS Screening Report		0	01FEB01A	05JUN01A
21540	Final FS Screening Report	YES	0		05JUN01A
21610	ITE Treatability Studies		0	21MAR01A	13AUG01A
21650	FS Preparation		0	31JUL01A	01OCT01A
21660	Draft FS	YES	0		01OCT01A
21670	Revise Draft FS		33	02OCT01A	21FEB02
21680	Final FS	YES	0		21FEB02
Central Impact Area					
Soil Operable Unit					
22110	FS Screening Report Preparation		60	12SEP02	05DEC02
22112	Scoping Meeting for FSSR		1	11SEP02	11SEP02
22120	Draft FS Screening Report	YES	0		05DEC02
22130	Revise Draft FS Screening Report		65	06DEC02	11MAR03
22140	Final FS Screening Report	YES	0		11MAR03
22150	Post-Screening Invest. Workplan Prep.		22	05MAR03	03APR03
22160	Draft Post-Screening Invest. Workplan	YES	0		03APR03
22170	Revise Draft PSI Workplan		65	04APR03	07JUL03
22180	Final Post-Screening Workplan		0		07JUL03
22190	Start Post-Screening Investigation	YES	0	09JUN03	
22200	Post-Screening Investigation		80	09JUN03	30SEP03
22202	FS Scoping Meeting		1	10SEP03	10SEP03
22210	FS Preparation		40	01OCT03	25NOV03
22220	Draft FS	YES	0		25NOV03
22230	Revise Draft FS		65	26NOV03	01MAR04
22240	Final FS	YES	0		01MAR04
22250	(Draft FS if no PSI)		40	11FEB03	08APR03
22260	(Final FS if no PSI)		65	09APR03	10JUL03



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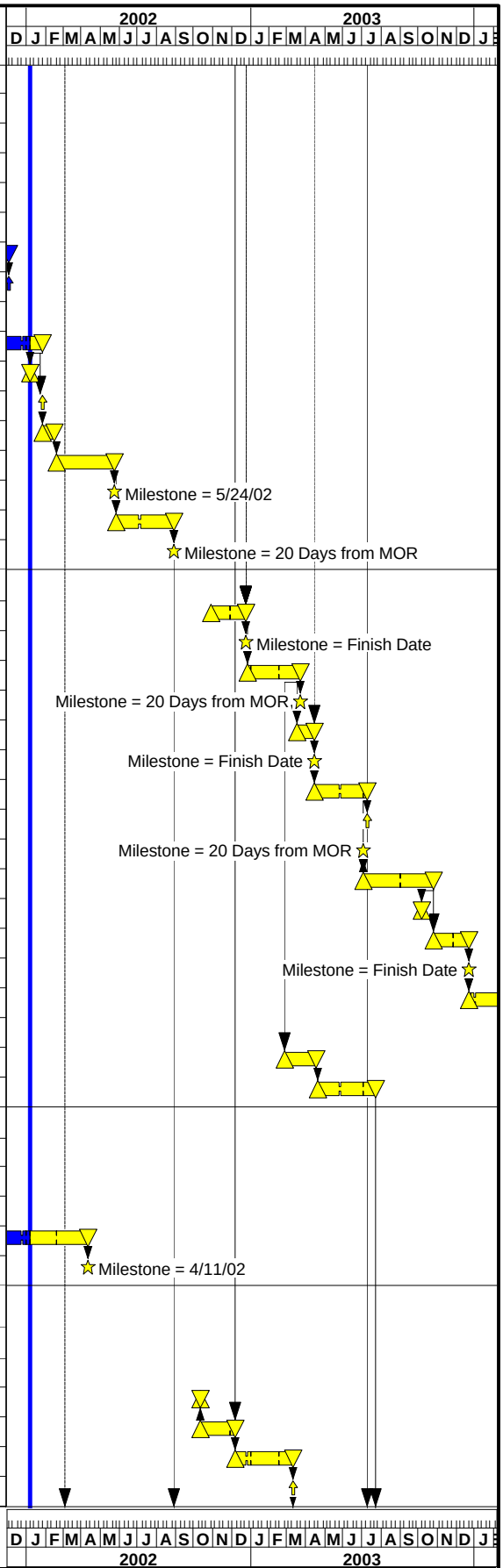
Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Groundwater Operable Unit					
22300	FS Screening Report Preparation		0	19APR01A	14JUN01A
22310	Draft FS Screening Report	YES	0		14JUN01A
22320	Revise Draft FS Screening Report		0	14JUN01A	05SEP01A
22340	Post-Screening Invest. Workplan Prep.		0	04SEP01A	01OCT01A
22350	Draft Post-Screening Invest. Workplan	YES	0		01OCT01A
22360	Revise Draft PSI Workplan		0	02OCT01A	03DEC01A
22370	Final Post-Screening Workplan		0		04DEC01A
22380	Start Post-Screening Investigation	YES	0	21SEP01A	
22390	Post-Screening Investigation		15	21SEP01A	25JAN02
22391	FS Scoping Meeting		1	07JAN02	07JAN02
22392	Draft Pump Test Report		0		25JAN02
22394	Review/Approve Pump Test Report		15	28JAN02	15FEB02
22400	FS Preparation		69	19FEB02	24MAY02
22410	Draft FS	YES	0		24MAY02
22420	Revise Draft FS		65	28MAY02	27AUG02
22430	Final FS	YES	0		27AUG02
SE Corner of Ranges					
23110	FS Screening Report Preparation		40	29OCT02	24DEC02
23120	Draft FS Screening Report	YES	0		24DEC02
23130	Revise Draft FS Screening Report		60	26DEC02	21MAR03
23140	Final FS Screening Report	YES	0		21MAR03
23150	Post-Screening Invest. Workplan Prep.		22	17MAR03	15APR03
23160	Draft Post-Screening Invest. Workplan	YES	0		15APR03
23170	Revise Draft PSI Workplan		60	16APR03	10JUL03
23180	Final Post-Screening Workplan		0		10JUL03
23190	Start Post-Screening Investigation	YES	0	03JUL03	
23200	Post-Screening Investigation		80	03JUL03	24OCT03
23202	FS Scoping Meeting		1	06OCT03	06OCT03
23210	FS Preparation		40	27OCT03	22DEC03
23220	Draft FS	YES	0		22DEC03
23230	Revise Draft FS		60	23DEC03	18MAR04
23240	Final FS	YES	0		18MAR04
23250	(Draft FS if no PSI)		40	24FEB03	18APR03
23260	(Final FS if no PSI)		65	21APR03	22JUL03
UXO					
UXO Operable Unit					
24110	FS Screening Report Preparation		0	20NOV00A	20MAR01A
24120	Draft FS Screening Report	YES	0		20MAR01A
24130	Revise Draft FS Screening Report		68	21MAR01A	11APR02
24140	Final FS Screening Report	YES	0		11APR02
Remedy Selection (AO3)					
Demo Area 1					
Soil Operable Unit					
31105	Soil RS Plan Scoping Meeting		1	10OCT02	10OCT02
31110	Prepare Draft Remedy Selection Plan		40	10OCT02	05DEC02
31120	Revise Draft Remedy Selection Plan		65	06DEC02	11MAR03
31130	Remedy Selection Plan		0		11MAR03



Project Start 29FEB00
Project Finish 22NOV05
Data Date 06JAN02
Run Date 08JAN02

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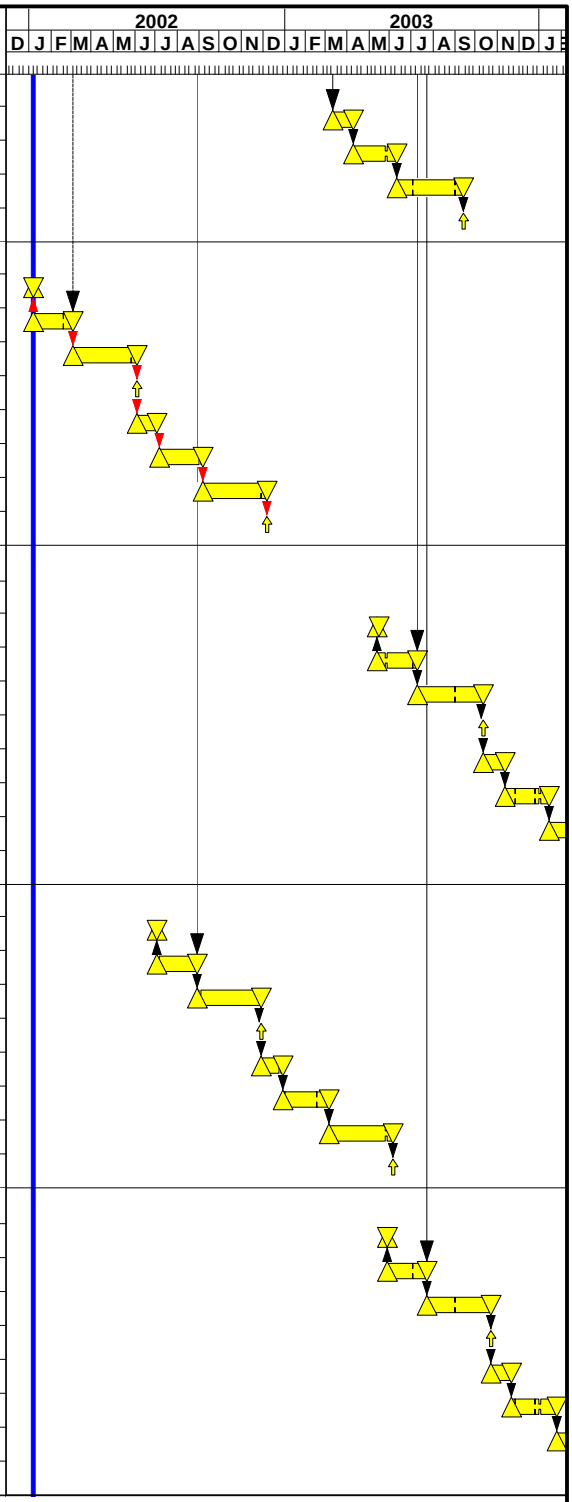
Date	Revision	Checked	Approved

Figure 7. Combined Schedule for the Impact Area GW Study Program as of 1/4/02

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Soil Operable Unit					
31140	Public Comment Period		21	12MAR03	09APR03
31150	Draft Decision Doc/ Response		44	10APR03	11JUN03
31160	Revise Draft DD/RS		65	12JUN03	12SEP03
31170	Final Decision Doc/ Response		0		12SEP03
Groundwater Operable Unit					
31505	GW RS Plan Scoping Meeting		1	07JAN02*	07JAN02
31510	Prepare Draft Remedy Selection Plan		40	07JAN02	04MAR02
31520	Revise Draft Remedy Selection Plan		65	05MAR02	04JUN02
31530	Remedy Selection Plan		0		04JUN02
31540	Public Comment Period		21	05JUN02	03JUL02
31550	Draft Decision Doc/ Response		44	05JUL02	05SEP02
31560	Revise Draft DD/RS		65	06SEP02	06DEC02
31570	Final Decision Doc/ Response		0		06DEC02
Central Impact Area					
Soil Operable Unit (if no PSI)					
32105	Soil RS Plan Scoping Meeting		1	14MAY03	14MAY03
32110	Prepare Draft Remedy Selection Plan		40	14MAY03	10JUL03
32120	Revise Draft Remedy Selection Plan		65	11JUL03	10OCT03
32130	Remedy Selection Plan		0		10OCT03
32140	Public Comment Period		21	13OCT03	10NOV03
32150	Draft Decision Doc/ Response		44	11NOV03	14JAN04
32160	Revise Draft DD/RS		65	15JAN04	15APR04
32170	Final Decision Doc/ Response		0		15APR04
Groundwater Operable Unit					
32505	GW RS Plan Scoping Meeting		1	02JUL02	02JUL02
32510	Prepare Draft Remedy Selection Plan		40	02JUL02	27AUG02
32520	Revise Draft Remedy Selection Plan		65	28AUG02	27NOV02
32530	Remedy Selection Plan		0		27NOV02
32540	Public Comment Period		21	29NOV02	30DEC02
32550	Draft Decision Doc/ Response		44	31DEC02	04MAR03
32560	Revise Draft DD/RS		65	05MAR03	04JUN03
32570	Final Decision Doc/ Response		0		04JUN03
SE Corner of Ranges (if no PSI)					
33105	RS Plan Scoping Meeting		1	27MAY03	27MAY03
33110	Prepare Draft Remedy Selection Plan		40	27MAY03	22JUL03
33120	Revise Draft Remedy Selection Plan		65	23JUL03	22OCT03
33130	Remedy Selection Plan		0		22OCT03
33140	Public Comment Period		21	23OCT03	20NOV03
33150	Draft Decision Doc/ Response		44	21NOV03	26JAN04
33160	Revise Draft DD/RS		65	27JAN04	27APR04
33170	Final Decision Doc/ Response		0		27APR04



Project Start 29FEB00
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Sheet 10 of 10

Figure 7. Combined Schedule for the Impact Area GW Study Program as of 1/4/02

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