

**MONTHLY PROGRESS REPORT #56
FOR NOVEMBER 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 November 1 to November 30, 2001. Scheduled actions are for the six-week period ending January 11, 2002.

1. SUMMARY OF ACTIONS TAKEN

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

Table 1. Drilling progress for November 2001				
Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-186	Demo 1 Area Well (D1P-8)	320	198	182-192, 202-212
MW-187	J-1 Range Well (J1P-12)	320	214	104-114, 160-170, 306-316
MW-188	J-1 Range Well (J1P-13)	327	217	109-119, 155-165
MW-189	J-1 Range Well (J1P-4)	305	211	94-104
MW-190	J-1 Range Well (J1P-11)	301	201	110-120, 145-155
MW-191	J-1 Range Well (J1P-15)	318	209	106-116, 120-130, 137-142
MW-192	J-1 Range Well (J1P-14)	322	212	
MW-193	J-3 Range Well (J3P-12)	20		
MW-194	J-3 Range Well (J3P-13)	60	3	
MW-195	J-3 Range Well (J3P-14)	40		
MW-196	J-3 Range Well (J3P-15)	140	107	
MW-197	J-3 Range Well (J3P-11)	125	105	
MW-199	Central Impact Area Well (CIAP-18)	190	55	
OW-3	Pump Test Observation Well	193	68	181-191
OW-4	Pump Test Observation Well	189	64	171-181
PW-1	Central Impact Area Pump Test Well	208	79	166-206
B-31	J-1 Range Soil Boring (J1IBA-1)	110		
B-32	J-1 Range Soil Boring (J1IBA-2)	124	15	
bgs = below ground surface bwt = below water table				

Completed drilling and well installation of MW-186 (D1P-8), MW-187 (J1P-12), MW-188 (J1P-13), MW-189 (J1P-4), MW-190 (J1P-11), MW-191 (J1P-15), PW-1 (Pump Test Well), OW-3

(Observation Well) and OW-4 (Observation Well). Completed drilling of MW-192 (J1P-14), MW-194 (J3P-13), MW-196 (J3P-15), B-31 (J1IBA-1) and B-32 (J1IBA-2). Commenced drilling of MW-193 (J3P-12), MW-195 (J3P-14), MW-197 (J3P-11) and MW-199 (CIAP-18). Well development was continued for newly installed wells.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-187, MW-188, MW-189, MW-190, MW-191, MW-192, MW-196, MW-197, MW-199, B-31, B-32, and Jacobs well 90MW0105. Groundwater samples were collected as part of the December Long Term Groundwater Monitoring round and from newly installed monitoring and observation wells. Surface water samples were collected from Snake Pond and Camp Good News.

Soil samples were collected from Demo Area 1 and Succonsette Pond for a method detection limit study for perchlorate. Soil profile samples were collected from borings B-31, B-32, MW-189, MW-191, and MW-195. Soil samples were collected for resampling for herbicide analysis from the J-3 Range, L Range, Gun and Mortar Positions, Demo Area 2, Tank Alley, and the Central Impact Area. Soil samples were collected for resampling of various analytes at Gun and Mortar positions. Soil samples were also collected for white phosphorous analysis from the Central Impact Area. Soil samples were collected at J-2 and L Ranges as part of the excavation of BIP craters and from the Mortar Disposal pit excavation at the J-2 Range. Soil sampling for dyes, PCNs, and perchlorate was completed at the Demo Area 1.

As part of the Munitions Survey Project, soil samples were collected from transects in the Central Impact Area. Soil samples were also collected from the anomaly excavation at BA-1. Post-detonation soil samples were collected from the Gravity Range and the Former A Range.

Water samples were collected from the PW-1 treatment system and from the GAC treatment system.

The Guard, EPA, and MADEP had a meeting on November 1 to discuss technical issues, including the following:

CS-19 VOC Data

Ken Gaynor (Jacobs) reported that profile screening of the second borehole drilled in the CS-19 area showed no detections of VOCs. The second borehole was drilled to 20 feet below the first borehole, which did have VOC detections. The boreholes are 10 feet apart. A well screen was being set in the second borehole at the same depth in the first borehole where the highest VOC detection was recorded. Sampling results from this well screen would be available Monday 11/5. Because there were no detections of VOCs in the second borehole, AFCEE was not planning on completing the previously proposed particle backtracking.

- Mike Jasinski (EPA) indicated that this was not in accordance with EPA's understanding and he was sending Mike Minior (AFCEE) an email for clarification and to set up a meeting to discuss.
- Todd Borci (EPA) indicated that the EPA was requesting that the backtrack be completed and that AFCEE indicate what the next steps in the process would be based on this initial data.

Sampling of Wells for LTM of VOCs

Heather Sullivan (ACE) indicated that the wells that had been requested by EPA for sampling and analysis for VOCs would be added to the December 2001 LTM round. Once the data is

received, the Guard proposes to review the data and reevaluate (with EPA's counsel) the need for continued monitoring of VOCs in these wells. Todd Borci (EPA) stated that he felt this was a good approach.

N Range Update

Rob Foti (ACE) reported that the second anomaly (10 feet from "81 mm mortar" anomaly) investigated at N Range resulted in the discovery of 334, 60 mm inert mortars. The mortars were unfuzed (red plastic caps), stenciled inert loaded, did not have tail fins and were painted blue (indicative of training rounds). The excavation was 10 ft by 15 ft and 4 ft 11 inches deep at its maximum depth. Soil samples were collected within the excavation and the excavation was backfilled and regraded. A snow fence was placed within the excavation for reference. The rounds are stockpiled in a bunker on J-2 Range under Range Control's management. Engineering controls have been removed. Nick Iaiennaro (ACE) is in touch with the Rock Island District regarding the ammunition data cards. This information will be forwarded to EPA when received.

Former A Range

- Larry Hudgins (Tetra Tech) indicated that excavation of all anomalies on the Former A Range had been completed. Eleven BIPs were to be completed today (11/01) as a result of the investigation. Post-BIP samples will be collected and the holes then backfilled. A list of the UXO discoveries was provided to the agencies. The majority of the items were 37mm or 40mm anti-aircraft munitions fired into the backstop and buried deep. Over 200 surface items had been cleared by USA Environmental as part as AMEC's soil investigation.
- Todd Borci (EPA) requested clarification of the number of caches of rockets that were discovered. Although Mr. Hudgins reported only the two caches in the access road where discovered, the table listed several anomalies with multiple (>30) 3.5 practice rockets. Gina Tyo (ACE) indicated that the table will be reviewed more closely and revised as appropriate.

Demo 2 Geophysical Anomalies

- Todd Borci (EPA) provided the Corps with a list of eight anomalies in the Demo 2 Area that EPA had questions regarding and was requesting to be intrusively investigated.
- Gina Tyo (ACE) indicated that the Corps agreed to complete the intrusive investigation of these eight anomalies at Demo 2.

Miscellaneous

- Jane Dolan (EPA) indicated that the private investigator performing the Archive Search Report interviews had received additional interviewee names during recent interviews. The names should be written down with the person's affiliation. Interviewing these additional individuals should be prioritized with respect to the current interviewee list. Gina Tyo (ACE) indicated that she was distributing summaries of the latest interviews and the current list of interviewees.
- Ms. Dolan further requested that site visits be scheduled with Interviewee's 9, 24, and 25 preferably on a Wednesday or Thursday.
- Ms. Dolan inquired about the Monthly Water Supply Reports. Len Pinaud (MADEP) indicated that he had made some initial contacts, but was still working on getting copies of these reports.

The Guard, EPA, and MADEP had a meeting on November 8 to discuss technical issues, including the following:

SE Corner of Ranges Plume Maps

- Jane Dolan (EPA) indicated that although she did not agree totally with the current plume configurations, she would hold further comment in deference to the IART team's comments at the 12/04 Public meeting.
- Todd Borci (EPA) requested that at locations where there were singular detections of explosives (depicted by a dot not associated with a plume) that the well dots be associated with a concentration box.
- Discussion ensued on detection of perchlorate at 90MW0022 and whether this singular detection which is shown on the map as a plumelet, should be depicted as a dot instead. In accordance with EPA's recommendation, there was concurrence that the plumelet at this location would be made larger to be more obvious and a concentration box would be added. The depiction was left as a plumelet, since it appeared that this detection may be associated with upgradient and downgradient detections of perchlorate, similar to the pattern observed with HMX.
- Ms. Dolan requested that she be provided a summary of when the next samples will be (or were) collected for perchlorate analyses from J- Range wells. From these sampling dates, the due date for the analysis should be projected by adding 30 days. Ms. Dolan was particularly interested in data from 90MW0022.
- Ms. Dolan inquired if profile sampling for wells being drilled at the J-1 Range included Perchlorate analysis. Herb Colby (AMEC) indicated that perchlorate was not included as part of the profiling mostly because of the turn-around-time which was not quick enough to provide results useable for setting screens. In addition, reanalysis of wells that backtracked to the Interberm area were nondetect for perchlorate.

Schedule/Documents

Marc Grant (AMEC) distributed a Gantt Chart of the Combined Revised Schedule (dated 11/06) and Document List.

- Mr. Grant pointed out two differences in the 11/06 schedule and the schedule provided in Ben Gregson's (IAGWSPO) October 30 letter. The changes included removal of a Final J Ranges Report that had been discussed in the letter and change of due date for the Demo 1 Area Soil report and related FS deliverable reports (FS Screening report, etc.)
- Discussion ensued on whether the one-week extension provided for the Demo 1 Area Soil Report applied to the associated reports. This hadn't been mentioned in the email related the extension request. Mike Jasinski (EPA) requested that for future extensions requests needed to be made line by line covering every deliverable effected. Mr. Grant pointed out that it would be easier to recognize the dependency of the various tasks as exhibited in the Gantt chart. EPA requested a cover letter from the Guard for submittal of the latest Revised Combined Schedule (dated 11/06).
- The Document status table was reviewed. Regarding Documents Needing Comments the EPA had the following comments:
 - Central Impact Area Soil Report (TM 01-13) comments will be provided shortly.
 - MSP2 J-1 Range Vehicle Removal Letter Report comments to be provided by 11/15.
 - CDC Test Results Report comments to be provided 11/15.
 - Revised Phase IIb Report (TM 01-15) comments 11/15.
 - Draft Revised ASR comments not until 11/30.
 - Jane Dolan (EPA) provided verbal approval for the DU Report MOR, to provide email approval.
- Mark Panni (MADEP) stated that he had completed comment on the Demo 1 Area

Groundwater FS and the comments were significant to the extent that they could impact the revised schedule. However, the comments had not been sent to the Guard to date. Mr. Panni to pursue expediting the transmission of his comments.

Decision Criteria Matrix Status

- Mike Jasinski (EPA) explained that the State and EPA have been working on the verbiage to the DCM. There were some criteria changes but significant changes are reflected only in the threshold criteria. The changes include mistakes that had not previously been corrected in the original matrix. The criteria change included adding as a Threshold Criteria 1 - the drinking water aquifer. Definitions will follow in a week.
- Todd Borci (EPA) indicated that there had been few changes to the narrative.
- Tina Dolen (IAGWSPO) indicated that the Guard could perhaps get back to EPA in a week or so from when the DCM was received with any questions.
- DCM presentation to be included in the January IART meeting.

Demo 1 Well Scoping

A figure of the proposed location of D1P-9, a well scoped to help define the terminus of the Demo 1 Area groundwater plume, was displayed. Rationale for selecting the proposed location was reviewed by Mark Applebee (AMEC).

- The proposed location for D1P-9 is located approximately ½ way between Frank Perkins and Pew Roads, along the center line of the plume, approximately 1200 feet west of MW-165. This location was chosen in an area thought to be within the 2-ppb contour to provide a low concentration detection to help determine the extent of the downgradient plume. After installation of this well, a second well would be installed 250 feet south of the D1P-9. The plume boundaries could then be refined with 2 or 3 additional wells.
- Todd Borci (EPA) asked why the location wasn't accessed from the NBC Area, which could require a shorter access road. Historic aerial photographs indicate that a road was present along the valley. Mr. Applebee explained that the road from Frank Perkins would also be utilized for the installation of the treatment system.
- Mr. Borci also proposed that D1P-9 be installed only 600 feet out from MW-165. A well at this location would provide a greater probability of falling within the groundwater plume and require half of the clearing required for a road. Depending on the results from this well, a second well could be scoped further out to the west as needed or to the south. Because of the higher certainty of intersecting the plume, Mark Panni (EPA) favored Mr. Borci's approach.
- Karen Wilson (IAGWSPO) also favored this approach from a natural resources viewpoint, to preserve habitat. Ms. Wilson wondered if an ATV rig could be used so that establishing a permanent road could be avoided. John Rice (AMEC) indicated that in the moraine an ATV rig would not have enough power to advance a borehole to the required depth. Ken Gaynor (Jacobs) indicated that AFCEE had had success with temporary wood chip roads. Mike Jasinski/Mr. Borci (EPA) pointed out that the road would most likely be needed for the treatment system anyway.
- Heather Sullivan (ACE) indicated that the Guard would complete the RAC for a 1200-foot road, but start with a 600-foot road. Ms. Sullivan stated that currently two wells had been scoped for additional delineation of the Demo 1 groundwater plume.

CS-19 VOC Sampling

- Mike Minior (AFCEE) explained the circumstances surrounding the VOC detections in recently profiled boreholes in the CS-19 Area. Profiling had been completed for Well

58MW0020. A screen had been set for this well based on the explosive results (RDX at 0.27 ppb). Because of a lot of boulders in the area, deeper screens could not be set. VOC results received by the agencies after the well was installed showed a detection of TCE at 9 ppb, 40 feet below the RDX detection. A second adjacent borehole was drilled with a more powerful rig to pursue this detection under the assumption that it may represent an area of VOC contamination. TCE was not detected in profiling the second borehole. A screen was set at the depth of detection in the first borehole. The results in this well screen were non detect for TCE. Therefore, it was AFCEE's opinion that the TCE detection in the first borehole was inconsistent and sporadic and not likely representative of an area of concern. In addition, because the detection of TCE was 40 feet below the RDX detection, it would likely backtrack outside the area of CS-19 and therefore not be under AFCEE's purview.

- EPA disagreed with AFCEE's opinion, considering the 9-ppb detection of TCE as high relative to typical solvent detections at Camp Edwards and requiring further evaluation. At a minimum, EPA requested that a particle backtrack from the profile detection be provided so that the potential origin of the detection could be determined. Mike Jasinski (EPA) to contact Robert Gill (AFCEE) to discuss.

Disposition of Drill Cuttings

- Karen Wilson (IAGWSPO) requested permission from EPA to remove drill cuttings instead of spreading them out at the drill sites. Spreading the drill cuttings at the drill sites may inhibit recovery of local vegetation. Drill cuttings could be approved for other use such as backfill.
- Bill Gallagher (IAGWSPO) explained that a composite sample is collected of the drill cuttings and compared to a background sample collected from the immediate area. If there are no detections of explosives above the background concentration, the drill cuttings have been dispersed in the surrounding area. Activities are in accordance with the IDW Plan.
- Todd Borci (EPA) requested information on drill sites that had explosive detections in the drill cuttings. John Rice (AMEC) indicated that he could recall only one, but indicated that this information could be compiled. Mr. Borci indicated that once the piles were determined to be clean, they could be reused. Mr. Gallagher indicated that this would preclude the need to collect the background samples at each drill site.

Former A Range Update

Ellen Iorio (ACE) distributed a one-page handout that summarized ordnance discoveries on Former A Range.

- Larry Hudgins (Tetra Tech) explained that initially, two caches of 3.5" practice rockets had been discovered buried in the roadway. In addition to these caches, 9 caches of expended rockets were discovered among the 4 survey areas during anomaly excavation. The rockets were obviously intentionally buried as they were neatly stacked just below the surface. Other items were also found on the range, totaling 558 munitions. 35 BIPs were conducted on the range by Tetra Tech, the majority on 37mm and 40mm anti-aircraft projectiles.
- Todd Borci (EPA) stated that he would like similar detail provided verbally (didn't expect written handout) as fieldwork for Munitions Survey Project proceeds. For the rockets, for example, nitroglycerin and perchlorate are known constituents in the propellant. Therefore, soil sampling for these constituents following the rocket discoveries may have been appropriate. Therefore, EPA would like to know as much as possible as the activities proceed so that investigation decisions can be made at the time of discoveries.

MSP/HUTA/AIRMAG Update

Ellen Iorio (ACE) requested information on status/approval for workplans for these projects so

that the projects could proceed.

- HUTA - Comments on Workplan to be provided by EPA on 11/15. Joe Dauchy (Tetra Tech) will be in town next week to answer questions.
- BA-1 Workplan - Workplan and HASP will be provided by midday Tuesday, 10/13. Todd Borci (EPA) explained that although EPA won't comment on HASPs, comment on the Workplan can be provided by 11/15. Fieldwork to start Monday 11/29.
- AirMag/MSP - Tetra Tech is preparing a table that shows how the 17,000 anomalies are being handled. The Corps will provide today, 11/08, a statement of work on all items in the MSP to show how they are laid out in areas. No comment from the agencies is required until the Workplan is received, unless omissions are noted. Workplans will be submitted by 11/16. Comments on the J Range scope of work and two other areas: area around MW-1 and areas around MW-26 and MW-59 would be appreciated ASAP, possibly week of 11/26.
 - Currently, Tetra Tech field personnel are proceeding with reconnaissance of cultural features.
 - With respect to the AirMag Intrusive Investigation Workplan and Response to Comment 7 on the MSP Report, Jane Dolan (EPA) requested a protocol for handling potentially contaminated soil when doing excavation of anomalies. Tetra Tech should overlay excavation polygons with AMEC soil grids so that areas that may be contaminated can be identified; coordinate with Herb Colby (AMEC). Ms. Dolan requested for the J-Range excavations that the polygons be taped off in the field and that site visits be arranged to these areas. Ms. Dolan to prepare list of sites where pre-excavation sampling should be conducted. Sampling of other areas will depend on what is found in excavation. Corps to coordinate contractor to sample areas.

Miscellaneous

- Jane Dolan (EPA) requested more information on the detection of gross alpha in MW-181 profile sample. Marc Grant (AMEC) and others provided summary. Well is located on the north side of the building at the western end in the area of the former wastewater holding tank. The profile sample collected at the water table had a detection of gross alpha at 544 pCi/L, which is 30X greater than the screening criteria of 15 pCi/L. Currently, the lab is trying to recover enough sample to reanalyze. A gross alpha sample has also been collected from the well, and should be available in 2 weeks. Ms. Dolan requested a faster turn around time and information on whether uranium isotope analysis could be done (in accordance with Ogden's September 26, 2000 letter to EPA). COL Bleakley explained that gross alpha is a measurement of the total radioactivity and Uranium would be a contributor to that activity. Therefore, the Uranium analysis would only be warranted if the gross alpha exceedance was confirmed. Mike Jasinski (EPA) requested that AMEC determine if Uranium analysis could be conducted.
- Ms. Dolan inquired about the Monthly Water Supply Reports. Len Pinaud (MADEP) indicated that it appears that formal reports are not provided to the DEP.
- Ms. Dolan inquired about the letter regarding the revised perchlorate method. Following approval, could perchlorate soil sampling be started? Mr. Grant indicated that the lab is still trying to achieve a lower MDL (1.5 ppb) for soil. Hopefully, the answer will be provided this week.
- Rob Foti (ACE) stated that the revised ASR had been submitted 10/31 and the Guard was awaiting comment. The project is being transferred from Rock Island to a contractor (to be named).
- Ms. Dolan requested a validation schedule for the RRA containment pad water samples. Scott Veenstra (AMEC) to check.

The Guard, EPA, and MADEP had a meeting on November 15 to discuss technical issues, including the following:

Analysis for Perchlorate

- Todd Borci (EPA) indicated that Steve DiMattei (EPA) had questions on the MDL study for Perchlorate analysis in groundwater. In EPA's opinion, the standard run for the test at 8 ppb was too high for the agency to be confident that the lab could achieve a 0.85 ppb detection limit, as calculated. EPA requested that a lower standard (2 ppb, 3ppb) be used for the study.
- Mr. Borci also indicated that the EPA had identified a Denver lab which had been routinely analyzing both groundwater and soil samples for perchlorate. Detection limits were 0.1 ppb for water and 0.50 ppb for soil. The price for a 2-wk turn around was \$200, which was comparable to Ceimic's price.
- Mr. Borci to forward Mr. DiMattei's comments and lab information to Heather Sullivan (ACE).

Central Impact Area Pump Test Update

John Rice (AMEC) summarized the pump test activities.

- The pumping well will be installed at the end of the week, 11/16 and will be developed next week. The mini-test is also scheduled for next week. Results from the mini-test are expected to be reported the week of December 3. The Step Test is scheduled to be conducted the week of December 10. The Pump test is scheduled for the week of December 17.
- Based on Mark Panni's concerns relating to the discharge of perchlorate containing water to the ground in an area where perchlorate has not been detected in as high a concentration, Bill Gallagher (IAGWSPO) explained that the mini-test was being conducted to assess the perchlorate concentrations of the groundwater extracted from the aquifer during the pumping test. Heather Sullivan (ACE) reported that three samples for perchlorate analysis would be collected during the test. One sample would be collected of extracted water prior to treatment. Two samples, one from each GAC tank, would be collected of the treated water. Based on the results of these samples, decisions would be made regarding how the pump test effluent would be handled during the full scale test.

RRA Issues

Scott Veenstra (AMEC) led a discussion regarding various RRA issues.

- The Guard was looking for EPA approval to discharge the 2500 gallons of treated water removed from the breakdown of Brice's soil washing equipment. Analytical results for the treated water had been forwarded last Thursday 11/8. Todd Borci (EPA) and Jane Dolan (EPA) thought that this discharge had already been approved. Mr. Veenstra indicated that it had been the 1000 gallons of wash down water from the containment pad that EPA had recently approved. Ms. Dolan to provide approval today, 11/15.
- Mr. Veenstra indicated that the redline/strikeout version of the COWR for the RRA Group 1 sites was ready for submittal. However, the original report had been submitted in March and no longer accurately reflects the current status of the program, specifically the removal of stockpiled soil and demobbing of the soil washing equipment. Mr. Veenstra requested that AMEC be permitted to amend the report to reflect the current status, highlighting these changes in yellow, and submit the report at the end of November. Ms. Dolan indicated that this was acceptable.

- Regarding the Mortar Target 9 COWR, the draft would be submitted at the end of November.
- CDC wastes and spent carbon were scheduled for pickup and disposal by Cyn Environmental. The non-hazardous waste stream included CDC pea gravel (7 drums) and spent carbon (18 drums). This waste would be consolidated at Cyn's Stoughton, MA facility and disposed at BFI's Lee County Landfill in Bishopville, SC. The hazardous waste stream included J-1 Range popper kettle ash (4 drums), 32 filters from the CDC, and filter dust (1 drum). The hazardous waste would be consolidated at Northland Environmental in Providence and sent to either Stablex in Ontario, Canada or Environmental Quality in Michigan. This information had been stated in the Guard's October 9 letter.
- Scoping meeting for workplan to address Issue 4 of EPA 11/08 letter: containment pad water discharge area. Plan view map of discharge area, 30-foot diameter area southeast of the containment pad in a group of trees, was distributed. Mr. Veenstra indicated that the Guard was considering drilling a soil boring in this area, advancing the boring to the water table. Profile soil samples would be collected at the standard intervals and analyzed for explosives and metals. A monitoring well would be installed at the water table and sampled.
- Ms. Dolan suggested that surface soil grids be considered to cover the area and pesticides be considered as a contaminant of concern, even though as Mr. Veenstra pointed out, they were not shown to have been discharged in a concentration above action levels. Bill Gallagher (IAGWSPO) pointed out that Dieldrin might be in area soil because of the nearby gun position.
- Todd Borci (EPA) indicated that discrete samples, as opposed to composite samples, should be considered.
- Mr. Veenstra summarized that one 5-pt sampling grid with discrete samples collected at 0-3", 3-6", and 6-12" would be scoped with analysis for explosives and metals and considered for pesticides.
- Ms. Dolan added that it shouldn't be presumed that the monitoring well would only be sampled once. Based on travel time through the unsaturated zone, the pore water with explosives may not have reached the water table, yet. Marc Grant (AMEC) suggested that the unsaturated zone travel time be estimated for the area and included in the workplan.
- Mr. Veenstra asked if other documents could be referenced for methodology; EPA concurred.
- Mark Panni (MADEP) was skeptical that anything that was detected (in water or soil) could be definitively attributed to the discharge of the containment pad water. Mr. Panni further questioned the need for a well and subsurface soil samples unless detections were found in the surface soil. Mr. Borci pointed out that although explosives become dissolved in the pore water and infiltrate down through the unsaturated zone and are ultimately detectable in groundwater, detection of explosives in subsurface soil has been elusive. Therefore, lack of soil detections does not mean that there is (will) not (be) an impact to groundwater.
- Mr. Veenstra concluded that soil profiling would then likely not be productive. Ms. Dolan clarified that there were other COCs in addition to the explosives.
- Ms. Dolan questioned the possibility of inadvertent discharge to the surrounding storm drains such as the one in front of Range Control, potentially from flowing water. Mr. Veenstra indicated that someone was always present when water was discharged and there were no discharges to the storm drains.
- Ms. Dolan further requested that the Guard consider collecting soil samples off the sump from which water was released during decontamination of the pad and during a heavy rain event around that time.

BIP Excavations

John Rice (AMEC) provided a briefing on the BIP excavation progress.

- All J-3 and J-2 Range BIP crater excavations and all but 3 in the Central Impact Area (total 50 cubic yards of soil) will be completed by the end of the week. Remaining craters will have to be excavated at a later date, because of problems with the safety zones overlapping with other work efforts.
- To Todd Borci's (EPA) inquiry if additional craters had been added to the excavation list, CPT Myer explained that the craters were excavated in accordance to the protocol established in the Guard's Summer 2000 letter. Therefore craters that meet the criteria are added to the excavation list as sample results become available.
- Jane Dolan (EPA) noted that she had never received final soil results for Mortar Target 9 after the BIP excavation. EPA had agreed that excavation would be stopped and planting initiated, but she would like to see the sampling results, anyway.

Drill Cuttings Disposition

- Drill Cutting sampling results were sent by Heather Sullivan (ACE).
- Karen Wilson (IAGWSPO) asked for feedback on whether the cuttings could be disposed. One sample from MW-130 had a detection of explosives; this well (J2P-7) was located in one of the J-2 Range disposal areas. Drill cuttings from this well will be staged with the BIP crater soil stockpile.
- Todd Borci (EPA) indicated that he thought it would be fine to use the cuttings for fill; will follow-up with email today, 11/15, or tomorrow, 11/16.

Turn-Around-Time for Gross Alpha

- Marc Grant (AMEC) indicated that MW-181S groundwater samples for Uranium Isotope analysis were collected last Friday 11/16. The lab was providing a 2 wk turn-around-time. Sample results for gross alpha were expected today 11/15.
- Jane Dolan (EPA) requested that gross alpha results be emailed upon receipt. If results confirm the elevated activity, the agencies need to talk to the Guard tomorrow 11/16. A press release would be required.
- Ms. Dolan asked if any other radiological tests were being conducted on the original profile sample. Mr. Grant indicated that there were not; there had not been enough of the original profile sample to run the Uranium isotope analysis. Mr. Borci requested that AMEC let EPA how much volume of the original profile sample did remain.
- Mr. Grant further indicated that the rerun for gross alpha analysis on the original profile sample concentration was 690 pCi/L versus the 544 pCi/L for the first analysis.

AIRMAG Cultural Targets Update

Doug Lam (Tetra Tech) summarized Tetra Tech's reconnaissance efforts to visually identify AirMag cultural targets.

- Tetra Tech UXO teams swept large blocks of area with individuals spaced 3 to 5 meters apart. Inspections were done visually and using a schoenstadt.
- Areas checked to date included:
 - Electrical line of Area 2
 - Upper/Lower part of Gravity Range
 - Exterior of Fence Line around L Range
 - Herbert Rd Bunkers
 - Fence Line north of Landfill
 - Greenway Road in Area 4.

- Findings – no apparent buried munitions caches. And the following items per area specified.
- Area 2 Electrical Line – guide wires.
- Gravity Range – old bunkers, small OE debris, depressions possibly used by troops.
- L Range Fence – concrete debris, manhole cover, wooden bunkers (from Old Transition Range).
- Herbert Road Bunkers – concrete with rebar and bunkers, well head, small debris such as fuel or oil cans, large depression 40X50m, 10m deep on north side in BA-1.
- Herbert Road Fence Line – 30X30m depression and burnt propellant containers on north side of fence.
- Greenway Road, north of airfield – stake with PVC pipe labeled abandoned fuel line, tires, wheels, well head, trenches, depressions.
- Visual inspection of the cultural targets continues within Areas 4 and 5. None are being conducted in Area 1 since this area will be covered by additional AirMag and MSP work.

Former H Range Update

Ellen Iorio (ACE) summarized the status of activities at Former H Range, FUDS site.

- Lead and Dieldrin Soil Removal. Delineation, soil excavation and disposal, and backfill and restoration have been completed. Monitoring of vegetation is ongoing.
- Military Feature Characterization. Sampling is complete. Report is due to regulators on 12/19.
- MW-157 Groundwater and Soil Characterization. Sampling is complete. Report is due to regulators on 12/05.
- RAM RRA Completion of Work Report will be submitted on 12/05. This is the COWR for the Lead/Dieldrin removal and will include sampling results for other scopes. PAHs were found in bunkers associated with military features.
- OE Characterization and Removal. Statement of work is being developed by the Huntsville District Corps. Meeting was held on 10/31 with the regulators to discuss schedule and approach. NAE is also coordinating efforts with the Sandwich Conservation Commission, SHPPO, Tribal Authorities, and State Natural Heritage. EPA asked for the date of completion of the SOW.

Miscellaneous

- Todd Borci (EPA) asked when he could expect to receive a copy of the ASR. Jane Dolan (EPA) indicated that she had received a hard copy. Gina Tyo (ACE) reported that CDs had been sent to remaining team members. One copy of the Appendices had been sent to the agencies. Len Pinaud (MADEP) indicated that they had received the CD but not the appendices. Ms. Tyo to check with Rock Island.
- Mr. Borci asked about the Succonsette Pond Letter Report. Ms. Tyo indicated that the report had been sent via email and by CD. Leo Montroy (Tetra Tech) to forward email to Mr. Borci.
- Mr. Borci indicated in terms of responding to MSP documents, he didn't get a chance to review the BA-1 Disposal Area Workplan, but will try to complete ASAP. The Guard should expect comments on Succonsette Pond and slit trench at the beginning of next week. ASR comments will be sent at the end of the month.
- Mr. Borci asked how the Phase IIb Report was going to be handled. Heather Sullivan (ACE) indicated that the final decision had been to split off Small Arms Ranges in one report and all other sites in a second report.
- Jane Dolan (EPA) inquired about the Snake Pond diffusion sampling results. Heather Sullivan indicated that they were due Wednesday 11/14. Ms. Sullivan to ask Dave Hill

(IAGWSPO).

- Ms. Dolan asked about the latest soil results from the J-Ranges. Ms. Sullivan to check with Herb Colby (AMEC) regarding new data.

The Guard, EPA, and MADEP had a meeting on November 29 to discuss technical issues, including the following:

Snake Pond Diffusion Sampling

- Heather Sullivan (ACE) indicated that data had been provided via email. Validation is scheduled to be completed by Monday 12/03.
- Analytical results showed no PDA confirmed detections of RDX, but there were PDA-confirmed detections of various explosive compounds in 5 other samples.
- 22 of 110 samples were not analyzed for various reasons (ruptured membranes, dislodged samplers, samplers out of the water, etc.). Dave Hill (IAGWSPO) to contact Denis LeBlanc (USGS) to confirm reasons analyses were not completed.
- Mr. Hill indicated that in light of these results, the surface water sampling program at Snake Pond should be reevaluated. Marc Grant (AMEC) indicated that an email had been circulated recommending that the surface water sampling be discontinued. Jane Dolan (EPA) was not familiar with this email. Guard/AMEC to follow-up with agencies with recommendation.

Central Impact Area Pump Test Update

John Rice (AMEC) summarized the pump test activities.

- The Mini-test is scheduled for next week, 12/05. Results from the mini-test are expected to be available Tuesday 12/11. Results to be discussed Wednesday 12/12. The Step Test is scheduled to be conducted 12/14. The Pump test is scheduled for 12/15. Pumping well to yield 500 gallons/minute. Transducers will be set on 12/14.
- The mini-test was being conducted to assess the explosives/perchlorate concentrations of the groundwater extracted from the aquifer during the pumping test, prior to and post treatment. Based on the results of these samples, decisions will be made regarding whether the pump test will proceed as planned (to be discussed 12/12).
- Todd Borci (EPA) to call Adam Balogh (TRC) regarding scheduling for oversight during the test.

Munitions Survey Project Update

- HUTA2. Joe Dauchy (Tetra Tech) reviewed HUTA2 activities. Transects 1 & 5 have been cleared, surveyed, and preliminary geophysics performed. Surface soil sampling was initiated at Transect 5. No UXO items were uncovered in Transect 1. Six UXO items were uncovered in Transect 5. A BIP had been completed on a UXO item uncovered in the road leading to Transect 5.
- Ellen Iorio (ACE) reminded Tetra Tech that once maps were completed, hard copies should be forwarded to Jane Dolan (EPA) per her prior request.
- BA-1 Disposal Site. Jim Forrelli (Tetra Tech) reviewed work completed at the BA-1 disposal site. Excavation of the anomaly was planned to be 20 square feet by 6 feet deep. Three feet had been excavated to date. VOC and radiation monitoring conducted during the excavation indicated background conditions. Thirty items had been uncovered so far in the excavation. Four items were magnets and magnet assemblies labeled Raytheon. Most of the items were electronic components consisting of aluminum boxes 6 inches X 4 inches and 2 inches thick, labeled BOMAC. One box encased a liquid that was observable thru a site glass on one end of the box. Some similar boxes had broken windows, but there was

no staining of the soil indicative of a release of liquid. The excavation will be completed today, 11/29 – but the majority of items have likely already been uncovered.

- Information on BOMAC company has been obtained from the internet. In addition numbers on some of the boxes had been compared with a commodity list of BOMARC items provided by the Corps. One number that partially matched a number on the list, indicated that the item was an electron tube containing a cobalt isotope with a reference. Tetra Tech is planning to contact BOMAC directly regarding nature of discovered items.
- J Range Polygons. Larry Hudgins (Tetra Tech) summarized the J Range Polygon excavation status. ROAs had been completed for Karen Wilson's approval for all polygons to be investigated. Tetra Tech will perform the surface soil sampling and provide samples to AMEC whom will manage analysis and reporting.
- Ellen Iorio (ACE) indicated that the MSP3 Workplan that was recently submitted includes a general workplan for all MSP3 tasks except for the J Range Polygons for which it provides a detailed scope. More detailed Workplans will be developed for all other areas after completion of a reconnaissance. The MSP3 Workplan supercedes the MSP3 scoping document previously provided. Jane Dolan (EPA) committed to provide comment on the J Range Polygon portion of the plan by Wednesday 12/5.
- Ken Valder (Tetra Tech) indicated that he was preparing the MSP3 Workplan for the 2 sites by the 5 Corners Area, for which catchy monikers had not yet been developed.
- AirMag. Doug Lam (Tetra Tech) indicated that with regard to the AirMag visual inspections, all inspections on the list (111 targets) were completed. Ellen Iorio (ACE) stated that the AirMag Workplan was being finalized. The scope of the plan will be clearly stated. A list will be provided in the plan as to what anomalies have been investigated (visual inspection and/or excavation) and what anomalies are proposed for investigation (visual inspection and/or excavation). Todd Borci (EPA) emphasized that a comprehensive list was imperative.
- Ellen Iorio (ACE) indicated that the MOR for the Section 9 (J Ranges) of the MSP Report will be emailed this afternoon (11/29).

DEMO 1 FS Schedule

Dave Hill (IAGWSPO) indicated that it was not possible for the Guard to submit a revised/redline strike-out version of the Demo 1 FS Report by the EPA-specified date of 12/7. A detailed schedule was distributed that completely outlined the Guard's understanding of what would be required per EPA's comments to revise the Draft Report and the timeframe required to complete each of these tasks.

- A major comment regarding the Draft FS was a comment by MADEP that complete plume delineation (nature&extent) was required prior to finalizing the FS. A minimum of 3 to 4 wells would need to be installed to complete this task (Task 16 on the schedule provided). These wells would need to be installed between Pew and Frank Perkins Rd which had no ready access. Road building was impeded by steep/rugged terrain and dense vegetation, particularly from the Frank Perkins Road side due to a 30 foot deep kettle hole. Access had not been investigated as of yet from the Pew Rd side. Road building for well access and sequential well installation would cause a 7-8 month delay (166 working days were scoped for completing plume delineation) in finalizing the FS.
- To address this issue, Mark Applebee (AMEC) indicated that there were two options
1) accept plume boundaries as estimated and go forward with schedule. Accept the fact that the FS conclusions may not match the actual plume configuration. Modifications in the plume boundaries probably won't have a huge effect on the relative comparison of the Alternatives
2) delineate plume boundaries and then proceed with the FS evaluation.

- Len Pinaud (MADEP) suggested a site visit be organized for the agencies to view the terrain and potentially come up with an alternative way to access the site.
- Mike Jasinski (EPA) expressed concern that the FS was being delayed. Mark Panni (MADEP) stated that presumed plume boundaries were too indefinite to hazard a guess – the distance between Pew and Frank Perkins Roads was nearly 3000 feet, there are no wells located between these roads. Mr. Applebee clarified that the characterized extent of the plume was 3500 feet and modeling predicted that the plume should extend another 2000 feet (more than 50% of the characterized length). Mr. Pinaud indicated that the Commonwealth didn't want to delay the FS either.
- Discussion ensued on the plausibility of an Alternative 6 which would involve cutting the plume off at Frank Perkins Road with extraction wells and continued monitoring of wells at Pew Road. The Pew Road monitoring well "fence" could be extended to ensure that all migration routes would be monitored). Then an extraction system could be installed once the detached plume migrated to Pew Road. This could be a viable alternative if the trade off optimized the preservation of other natural resources (trees and habitat). The point was made that eventually it probably would still be necessary to place monitoring wells between the two roads. It was agreed that these issues could be discussed further following the site visit to view access. AMEC to bring along ortho-photographic coverage of area.
- Mr. Hill requested an extension to 12/12 to provide responses to EPA comments. Of course there were some major comments that could not be addressed fully until decisions were made, such as how to handle the delineation issue. In addition, MADEP comments could not be completely addressed in that time frame. Mike Jasinski (EPA) requested that the RCL, including at least a partial response to MADEP comments, be submitted by 12/10 and asked that the major comments be flagged in the RCL for further discussion. It was agreed to provide a partial RCL to EPA and MADEP comments via email on 12/10.
- Mr. Hill explained that the schedule which was provided showed the tasks that needed to be completed in order to respond to EPA comments on the FS. The task list and components were the Guard's interpretation of what the EPA wanted based on their comments. The Guard requested input from the EPA on whether this is what the EPA was thinking.
- Mr. Applebee explained that such a task list was deemed necessary, as the Guard had been surprised by the EPA's comments on the FS based on the meetings/decisions that had been made leading up to submittal of the FS. The FS Report focused on the remediation of the RDX plume and did not specifically address concentration reduction over time for other COCs – this decision was based on the MOR for the FSSR. Resolution of EPA specific comment 14 on the FSSR indicated that volume and mass estimates for other COCs would not be provided in the Final FSSR Report. Therefore, for the purpose of the FS, it was also assumed that evaluation of only RDX would provide a reasonable estimate of contaminant reduction over time. It was assumed that EPA would agree with this approach for the FS, since the FSSR MOR was approved. Secondly, at the July meeting to discuss the Demo 1 modeling, AMEC provided an update on the modeling completed for the FS. EPA requested additional evaluation of alternate recovery scenarios at that time. AMEC explained that this effort could not be completed within the remaining time. EPA agreed in that meeting that AMEC could present the modeling effort to date in the Draft FS Report and update the Final FS Report with the additional evaluations. Comments provided on the FS Report seem to indicate that in spite of their perceived concurrence, EPA in fact did not agree with this approach for the FS.
- Mr. Applebee indicated that there were 3 options on how to proceed with the FS
 - 1) Complete all delineation work, complete a detailed FS.
 - 2) Use assumed/modeled plume boundaries, do some tasks of the FS in more detail.
 - 3) Use assumed/modeled plume

boundaries. Consider the FS as complete/acceptable for a relative comparison of the alternatives.

- Mr. Jasinski proposed the following schedule for further Demo 1 FS activities: Site visit, Tuesday 12/4 at 11am; Karen Wilson (IAGWSPO) to accompany. RCL submittal to agencies, Monday 12/10 to include partial responses to EPA and MADEP comments. Discussion of RCL/proposed schedule, Thursday 12/13 at Tech meeting.

MW-181 Gross Alpha Results

- Marc Grant (AMEC) indicated that Uranium (234/235/238) results had been received for the sample collected from MW-181S groundwater samples (one sample + duplicate sample). One sample had been nondetect for all isotopes. Two isotopes had been detected in the duplicate sample. U234 was detected at 0.072 pCi/L with an uncertainty of 0.084 (greater than the detection). U238 was detected at 0.19 pCi/L with an uncertainty of 0.11 (75% of the detected value). If the uncertainty is taken into account for this sample, this is essentially a nondetect for both these isotopes. These results combined with the nondetect gross alpha results indicate that the aquifer itself does not appear to be impacted by radioactive isotopes.
- A proposal has been forwarded to the EPA providing a scope for further evaluation of the remaining profile sample volume for which the elevated gross alpha results were detected. 2+ liters of the profile sample remains, mostly residual sample volume from the explosive and VOC analysis sample bottles that had been sent to Severn Trent's Burlington lab. Severn Trent's St Louis lab had performed the gross alpha analysis on the profile sample. The recommended scope proposes a separate analysis of the liquid portion of the sample, a combined liquid/particulate portion of the sample, and the particulate portion of the sample for gross alpha and beta. This reanalysis could indicate if the sample sent to the St Louis lab was contaminated in that laboratory, since the portion to be sampled will be collected from sample bottles sent to the Burlington lab. Or it could indicate if the solid portion of the sample is the source of the elevated alpha activity.
- EPA requested that further sample analysis be held pending their complete evaluation of the options, particularly because once the profile sample volume was depleted, it could not be duplicated by resampling.
- Jane Dolan (EPA) requested that the Guard take splits of samples collected by Textron when they clean out the J-3 Range septic tanks. Bill Gallagher (IAGWSPO) pointed out that the Guard had already sampled the tanks as part of the J-1/J-3/L Range Investigation scope of work.
- Ms. Dolan also requested that the Guard conduct a radiation survey during the drum excavation on J-3 Range.

MW-84 2,6-DNT detections

Marc Grant (AMEC) distributed a map showing particle backtracks from the 84M1 and 84D well screens.

- 2,6-DNT was detected in 84M1 at 0.27 ppb and in 84D at 1.9 ppb. This well is one of the "far-field" wells, located on Canal View Rd along the western edge of Camp Edwards, close to Rt 28.
- 2,6-DNT had been detected in the 8330N sample analysis, but not the semivolatiles analysis. Therefore, AMEC had reanalyzed the sample using the SIM method of semivolatiles analysis to confirm the detections.
- Todd Borci (EPA) stated that this was the first time that EPA was aware of the SIM procedure and the times it was used for confirmation of detections. In the future, this information and the intention to do the analysis should be provided ahead of time. Mr. Grant

indicated that this was only the second time to date that the method had been used. The other time was to analyze samples from 58MW0018, a CS-19 well. Mike Jasinski (EPA) requested that a procedure be drafted specifying when the SIM analysis would be used.

- Mr. Borci also requested that in absence of MCL's that the 1×10^{-6} risk screening value (MMR PRG) be used for comparison. The MMR PRG was 0.05 ppb for 2,6-DNT. Both sample results exceeded this concentration.
- The map showed that 84D backtracks to the KD Range, while 84M1 backtracks to E Range. EPA requested that screen depths for the following wells be reviewed relative to the depths along the backtrack and evaluated for potential sampling and analysis: ASP well, MW-47 and MW-61.

Central Impact Area Wells

Todd Borci (EPA) reviewed locations for proposed Central Impact Area wells:

- CIAP-10 place 225-250 feet south of MW-110.
- CIAP-8 place 225-250 feet north of MW-135.
- CIAP-16 place on Wood Road on particle track from MW-164. Mr. Borci cautioned that the MW-164 particle track should be reviewed closely as it seems to be different on different figures. John Rice (AMEC) indicated that well installation here would be limited by HUTA2 activity as the location was in the exclusion zone. AMEC to provide Corps/Mr. Borci map of well locations with exclusion zone superimposed.
- CIAP-23 will depend on results of CIAP-16, between 5 Corners Area and CIAP-16.
- CIAP-15 place 450 feet north of CIAP-3. Bill Gallagher (IAGWSPO) indicated that was still within the buffer zone of the wetland and Karen Wilson (IAGWSPO) would need to look at that.
- CIAP-19 Mr. Borci stated that this well location could not be approved since the Phase IIb report was not completed yet. This would be a combined Phase IIb and Central Impact Area well.
- CIAP-11/12 Mr. Borci offered to drop CIAP-13, if CIAP-11 and 12 could both be installed as original proposed. Ms. Wilson to consider. Jane Dolan (EPA) pointed out that CIAP-11 was close to forward particle track from MW-166.

Gun and Mortar Workplans

Todd Borci (EPA) intended to send comments on the Supplemental and Additional Delineation Workplans for the Gun and Mortar Positions next week. As a headsup, Mr. Borci provided the following comments:

- Mr. Borci inquired as to the intent of the separate Workplans and the schedule for the investigations. Kim Hartz (AMEC) explained that the Supplemental Workplan was submitted with the Revised Draft Report to come up with a final COC list for the G&M Positions. As stated in the workplan, there were issues with detections of TCE, nitroglycerin, and cyanide at seven locations that were to be resampled, MCPP/MCPA detections were being resampled/reevaluated, plus perchlorate needed to be analyzed. The intent was to complete the sampling for these parameters before the end of the year, as stated under the schedule heading in the Workplan, pending EPA approval and final decision on a perchlorate MDL. The Draft Additional Delineation Workplan for 2,4-DNT was pursuant to Mr. Borci's request with the intent that this workplan could be finalized once the COC list was finalized, to be inclusive of all the COCs. Additional delineation sampling, as yet unscheduled, would likely be conducted in the spring.
- Based on the CS-18 Report, Mr. Borci indicated that dioxin/furan analyses should be included in the Supplemental Workplan. Mr. Borci contended that Ben Gregson (IAGWSPO) had agreed to sample for dioxin/furans in these area per a previous discussion.

Bill Gallagher (IAGWSPO), to finish review of the AFCEE CS-18 SI Report and follow up with Mr. Gregson.

- Mr. Borci also indicated that the Guard's approach taken in the ADWorkplan focused on the additional delineation of 2,4-DNT detects. The approach should also take into consideration a more comprehensive assessment of the areas of the gun and mortar positions, since the interview information indicated that bag burning was often done at the periphery of a position. Some positions had only a couple of grids which did not provide adequate coverage. Marc Grant (AMEC) indicated that such distribution was already taken in to account when the original FSPs were prepared (and approved by EPA). Some of the positions were small, and therefore based on the number of grids per acreage guideline, only 2 or 3 grids were required.

Central Impact Area Targets Sampling Plan

Todd Borci (EPA) was working on the Central Impact Area Targets Sampling Plan comments and provided the following verbal comments as a precursor to the written comments:

- Page 10 language regarding explosive method is not acceptable. Language similar to language (procedure) stated in the HUTA2 workplan should be substituted. Bill Gallagher(IAGWSPO) indicated that the Guard was currently moving away from use of the field lab for testing of RDX in soil.
- Page 12 regarding the collecting of high RDX residue soil sample with Shelby tubes for leaching tests. Could these samples be verified using a field test kit? since previous attempts to do this sampling resulted in collection of soil that did not have sufficient concentrations of RDX.

Long Term Monitoring Program

Todd Borci (EPA) requested the following additions to the LTM program.

- 102M1 & M2 for VOC
- CIAP-4 (MW-183) and -7 (MW-177) for VOC
- Sixteen LF-1 southwest wells for 8330 and SVOC from map provided by EPA (split with AFCEE if they're already sampling)
- 27MW0707 and any wells along north side of LF-1 for 8330 (split w/ AFCEE if possible)
- 27MW0031B for 8330NX unless already proposed by AFCEE to be sampled for explosives (split w/ AFCEE if possible)
- CS-19 wells for 8330NX and perchlorate (some may already be getting NX): 58MW0001, 0002, 0006E, 0007B, 0007C, 0009E, 0011D, 0011E, 0016B, 0016C, 0018A, 0018B, 0018C
- CS-19 wells for 8330NX: 58MW0015A, 0015B
- CS-19 wells for 8330NX, perchlorate and VOC: 58MW0020A, 0020B (new wells, request coordinates & backward particle tracks for profile detections of solvents detected between 60 and 100 feet bwt at this location).
- 108M1 & M3 & M4, 110M1 & M2, for perchlorate
- following are believed to be primary/secondary plume wells but were not in LTM for Dec sampling (please check logic for these and all other plume wells): 135M1 & 135M2 for 8330 and perchlorate; 135M3 for 8330
- John Rice (AMEC) noted that these additions would likely extend the duration of the December 2001 LTM round.

Documents/Schedule

Marc Grant (AMEC) reviewed the following document/scheduling issues:

- Guard sent a 11/13 letter with change dates for documents - will the EPA have a response? Todd Borci (EPA) indicated that the EPA had been waiting for additional scheduling

changes, such as for the Demo 1 FS to respond. The first date to be changed is a January deadline, so the EPA will continue to wait to respond.

- EPA comments on MSP letter reports have been received. When can these be discussed with the agencies? Mr. Borci to talk to Ellen Iorio (ACE) regarding if comment responses should be held until data is available. Gina Tyo (ACE) to talk to Ms. Iorio.
- When will Central Impact Area Soil Report comments be provided? Mr. Borci to forward comments in approximately 3 weeks. However, Target Workplan comments will reflect comments to be provided on the Soil Report.

Miscellaneous

- EPA requested that punchlist item be added to provide copies of analytical data that has been received from the lab but not provided to the agencies to date.
- Jane Dolan (EPA) requested a copy of the J-2 Range data that had not been forwarded already be emailed separately, prior to the Workplan.
- Ms. Dolan requested an email of the Former H Range Update, which had not been received for the week.
- Ms. Dolan commented on the dispersal of the Witness #9 interview in the IART mailing. She requested that in the future that the EPA be afforded a review prior to distribution so that confidential information could be blacked out. In addition, although Richard Hugus (Falmouth Resident) had been particularly interested in the Witness #9 interview, all interview summaries had been requested. These should be included in the mailing before the meeting.
- Ms. Dolan asked if for the dye sampling at Demo 1 area soil was to be conducted at the same locations to be sampled for perchlorate. Mr. Grant indicated that they were, however perchlorate sampling was being held pending resolution of MDL issues.
- Ms. Dolan asked when the Fate and Transport Study would be available. Report to be submitted by the University of Texas, 11/30. Report will need to be reviewed prior to general distribution, probably by mid December.
- Todd Borci (EPA) indicated that the ASR private investigator should ask upcoming interviewees about E Range activities, particularly in the late 1960s. Mr. Borci to forward appropriate questions. Mr. Borci also provided the name of a former range control worker who might be a knowledgeable resource, as he was at Camp Edwards during that time.
- Mike Jasinski (EPA) provided a water supply update based on David Rich's (Mashpee Water District) briefing to the Senior Management Board at their 11/28 meeting. The Water Supply Wells were due to be online in the spring or at least by July. NEPA/ERI issues still needed to be addressed. No specific technical issues have been discussed during four meetings to date.

2. SUMMARY OF DATA RECEIVED

Validated data were received during November for Sample Delivery Groups (SDGs) AO3011, CA3009, CMR002, CMR011, CMR015, CMR016, CMR021, CMR022, CMR023, CMR026, CMR028, CMR040, CMR041, CMR042, CMR043, CMR044, CMR046, CMR047, DMR004, MMR624, MMR629, MMR636, MMR637, MMR642, MMR644, MMR645, MMR647, MMR648, MMR649, MMR650, MMR659, MOR026, MOR495, MOR618, RMR002, SMR013 and SMR015. These SDGs contain results for 169 groundwater samples from monitoring wells; 163 soil grab and grid samples from J-2 Range, J-3 Range, and Central Impact Area sites; 5 surface water samples from Snake Pond; 21 crater grab samples; and 23 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:

- Soil samples from A10220102A had detections of 2A-DNT and 4A-DNT that were confirmed by PDA spectra.
- An influent sample from the Pump Test Well GAC treatment system had a detection of perchlorate.
- A groundwater sample 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-2M2 (Central Impact Area), MW-100M1 and duplicate (Central Impact Area), MW-147M1, MW-147M2 (J-3 Range) and OW-6 (Observation Well) had detections of RDX and HMX that were confirmed by PDA spectra. The detections were similar to previous sampling rounds. The detections for wells MW-2M2, MW-100M1, MW-147M1, and MW-147M2 were similar to previous sampling rounds. This is the first time well OW-6 has been sampled.
- Groundwater samples from MW-99M1 (Central Impact Area), MW-101M1 (Central Impact Area), MW-105M1, MW-105M2 (Central Impact Area), MW-153M1 (J-3 Range), MW-178M1 (Central Impact Area) and OW-2 (Observation Well) had detections of RDX that were confirmed by PDA spectra. The detections for wells MW-99M1, MW-101M1, MW-105M1, MW-105M2, and MW-153M1 were similar to previous sampling rounds. This is the first time wells MW-178M1 and OW-2 have been sampled.

- Groundwater samples from MW-181S (J-3 Range) had a detection of HMX that was not confirmed by PDA spectra but with interference. U234/238 was also detected in one sample but not in the duplicate. This is the first time this well has been sampled. HMX was detected in a profile sample from this borehole.
- Groundwater samples from OW-1 (Observation Well) had detections of 4A-DNT, RDX, and HMX that were confirmed by PDA spectra. This is the first time this well has been sampled.
- Groundwater profile samples from MW-187 (J-1 Range) had detections of 1,3,5-trinitrobenzene (2 intervals), 1,3-dinitrobenzene (4 intervals), 2,4-DANT (3 intervals), 2,4-DNT (2 intervals), 2A-DNT (2 intervals), 2-nitrotoluene (1 interval), 3-nitrotoluene (1 interval), 4-nitrotoluene (1 interval), RDX (5 intervals), nitroglycerin (11 intervals), HMX (2 intervals), picric acid (7 intervals), tetryl (1 interval), 1,2,4-trichlorobenzene (1 interval), 2-hexanone (12 intervals), acetone (22 intervals), benzene (2 intervals), chloroethane (2 intervals), chloroform (11 intervals), 2-butanone (22 intervals), methyl isobutyl ketone (6 intervals) and toluene (3 intervals). All detections of 2,4-DANT, and HMX and two detections of RDX were confirmed by PDA spectra. Three detections of RDX were not confirmed by PDA spectra, but with interference.
- Groundwater profile samples from MW-188 (J-1 Range) had detections of acetone (6 intervals), chloroform (10 intervals), 2-butanone (2 intervals), 1,3,5-trinitrobenzene (2 intervals), 1,3-dinitrobenzene (1 interval), 2,6-dinitrotoluene (1 interval), 4-nitrotoluene (2 intervals), nitroglycerin (11 intervals) and picric acid (3 intervals). No detections of explosives were confirmed by PDA.
- Groundwater profile samples from MW-189 (J-1 Range) had detections of 1,3,5-trinitrobenzene (1 interval), 1,3-dinitrobenzene (1 interval), 2,6-DNT (1 interval), 2,4-DANT (1 interval), 2A-DNT (2 intervals), 3-nitrotoluene (1 interval), 4-nitrotoluene (2 intervals), nitroglycerin (9 intervals), picric acid (1 interval), 2-hexanone (1 interval), acetone (15 intervals), chloroform (8 intervals), and 2-butanone (14 intervals). The detection of 1,3,5-trinitrobenzene was confirmed by PDA spectra. The detection of 2,6-DNT was not confirmed by PDA spectra, but with interference.
- Groundwater profile samples from MW-190 (J-2 Range) had detections of 1,3-dinitrobenzene (1 interval), 2,4-DANT (1 interval), 4A-DNT (2 intervals), nitroglycerin (6 intervals), picric acid (2 intervals), tetryl (1 interval), 2-hexanone (2 intervals), acetone (20 intervals), chloroethane (2 intervals), chloroform (14 intervals), carbon disulfide (1 interval), chloromethane (1 interval), and 2-butanone (17 intervals). The detection of 2,4-DANT was confirmed by PDA spectra.
- Groundwater profile samples from MW-191 (J-1 Range) had detections of 1,3,5-trinitrobenzene (3 intervals), 1,3-dinitrobenzene (3 intervals), RDX (4 intervals), nitroglycerin (10 intervals), picric acid (1 interval), HMX (3 intervals), 3-nitrotoluene (2 intervals), 4-nitrotoluene (3 intervals), benzene (1 interval), chloroform (7 intervals), 2-butanone (10 intervals) and acetone (12 intervals). Two detections of 1,3,5-trinitrobenzene and two detections of RDX were confirmed by PDA but with interference. Two detections of RDX and all the detections of HMX were confirmed by PDA spectra.
- Groundwater profile samples from MW-192 (J-1 Range) had detections of 1,3,5-trinitrobenzene (2 intervals), 1,3-dinitrobenzene (3 intervals), TNT (1 interval), 2,4-DANT (2

intervals), 2,4-DNT (3 intervals), 2,6-DNT (5 intervals), RDX (7 intervals), nitrobenzene (3 intervals), nitroglycerin (12 intervals), PETN (1 interval), picric acid (4 intervals), 1,2,4-trichlorobenzene (1 interval), 2-chloroethyl vinyl ether (1 interval), 2-hexanone (10 intervals), acetone (21 intervals), benzene (1 interval), bromomethane (1 interval), carbon disulfide (1 interval), chloroethane (6 intervals), chloroform (9 intervals), chloromethane (2 intervals), 2-butanone (20 intervals), methyl isobutyl ketone (5 intervals), toluene (1 interval), and vinyl chloride (3 intervals). Two detections of 2,4-DANT were confirmed by PDA spectra, but not a duplicate detection.

- Groundwater profile samples from MW-196 (J-3 Range) had detections of TNT (2 intervals), 2A-DNT (1 interval), 4A-DNT (1 interval), HMX (2 intervals), acetone (1 interval), carbon disulfide (1 interval), chloroform (6 intervals), toluene (1 interval), and 1,1,1-TCA (6 intervals). All detections of explosives were confirmed by PDA spectra.
- Groundwater profile samples from MW-197 (J-3 Range) had detections of RDX (6 intervals), nitroglycerin (5 intervals), HMX (6 intervals), acetone (1 interval), and chloroform (5 intervals). The detections of RDX and HMX were confirmed by PDA spectra.
- Groundwater profile samples from B-31 (J-1 Range) had detections of 2,6-DNT (1 interval), nitroglycerin (2 intervals), and picric acid (2 intervals). The detection of 2,6-DNT was confirmed by PDA spectra but with interference.
- Groundwater profile samples from B-32 (J-1 Range) had detections of acetone (2 intervals), carbon disulfide (1 interval), and nitroglycerin (2 intervals). The nitroglycerin detections were not confirmed by PDA spectra.

3. DELIVERABLES SUBMITTED

Deliverables submitted during the reporting period include the following:

Draft Field Sampling Plan for Remaining Central Impact Area Targets	11/02/01
Weekly Progress Update, October 22 – October 26, 2001	11/02/01
October 2001 Monthly Progress Report No. 55	11/09/01
Weekly Progress Update, October 29 – November 2, 2001	11/09/01
Draft Gun & Mortar Firing Positions Additional Delineation Workplan	11/14/01
Weekly Progress Update, November 5 – November 9, 2001	11/16/01
Weekly Progress Update, November 12 – November 16, 2001	11/26/01
Weekly Progress Update, November 19 – November 23, 2001	11/30/01
Draft J-2 Range Additional Delineation Workplan #2	11/30/01

4. SCHEDULED ACTIONS

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

- Finish Draft Final Demo 1 Soil Report
- Start Central Impact Area Draft Targets Workplan revision
- Continue HUTA 1 Draft Report revision
- Finish Draft J-2 Range Report
- Finish J-1/J-3/L Range Revised Draft Report
- Continue J-1/J-3/L Range Additional Delineation investigation
- Continue J-1/J-3/L Range Additional Delineation Report preparation
- Finish J-1/J-3 Additional Delineation Workplan #2
- Finish Gun/Mortar Revised Draft Final Report
- Continue Phase II (b) Draft Report revision
- Continue Former A/K/Demo 2 Report preparation
- Finish Revised MSP Phase I Draft Report
- Continue AirMag Target Lists Draft 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
- Finish Demo Area 2 Geophysical Draft Report
- Start Demo Area 2 Geophysical Draft Report revision
- Continue Groundwater Monitoring Programs
- Finish Rapid Response Action Site Characteristics of Military Features Draft Report
- Finish Rapid Response Action MW-157 Area Draft Report
- Continue Draft FS Screening Report revision
- Finish Demo Area 1 Soil Post-Screening Investigation Workplan
- Continue Draft Demo 1 Area Groundwater Feasibility Study revision
- Finish Draft Central Impact Area Groundwater PSI Workplan revision
- Continue Draft UXO Feasibility Study Screening Report revision
- Start Demo Area 1 Groundwater Draft Remedy Selection Plan preparation

5. SUMMARY OF ACTIVITIES FOR DEMO 1

Additional monitoring wells are being scoped to define the downgradient edge of the groundwater plume. The Demo 1 Soil Report is being revised and will be submitted December 10. The next monitoring well (D1P-9) will be located approximately 600 feet west of Frank Perkins Road at the projected centerline of the plume. Additional monitoring well locations will be identified based on results of the first location. Responses to EPA comments on the Draft Feasibility Study for the Groundwater Operable Unit are being prepared. Soil sampling for dyes, perchlorates, and PCNs was completed.

TABLE 2
 SAMPLING PROGRESS
 11/1/2001-11/30/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
AR.A.2.00001.1.0	AR.A.2.00001.R	11/16/2001	CRATER GRID	0.00	0.25		
AR.A.2.00001.2.0	AR.A.2.00001.R	11/16/2001	CRATER GRID	0.00	0.25		
GTR.A.3.00030.3.0	GTR.A.3.00030.R	11/01/2001	CRATER GRID	1.00	1.25		
GTR.A.3.00031.3.0	GTR.A.3.00031.R	11/01/2001	CRATER GRID	1.00	1.25		
GTR.A.3.00032.3.0	GTR.A.3.00032.R	11/01/2001	CRATER GRID	0.50	0.75		
GTR.A.3.00033.3.0	GTR.A.3.00033.R	11/01/2001	CRATER GRID	0.50	0.75		
GTR.A.3.00034.3.0	GTR.A.3.00034.R	11/01/2001	CRATER GRID	0.50	0.75		
GTR.A.3.00035.3.0	GTR.A.3.00035.R	11/01/2001	CRATER GRID	0.50	0.75		
GTR.A.3.00036.3.0	GTR.A.3.00036.R	11/01/2001	CRATER GRID	0.50	0.75		
GTR.A.3.00037.3.0	GTR.A.3.00037.R	11/01/2001	CRATER GRID	0.50	0.75		
GTR.A.3.00038.3.0	GTR.A.3.00038.R	11/01/2001	CRATER GRID	0.50	0.75		
GTR.A.3.00039.3.0	GTR.A.3.00039.R	11/01/2001	CRATER GRID	0.50	0.75		
GTR.A.3.00040.3.0	GTR.A.3.00040.R	11/01/2001	CRATER GRID	0.75	1.00		
O.G.0.00125.0.T	TRIP BLANK 125	11/16/2001	FIELDQC	0.00	0.00		
O.G.0.00127.0.T	TRIP BLANK 127	11/29/2001	FIELDQC	0.00	0.00		
O.G.0.00127.0.T	TRIP BLANK 127	11/29/2001	FIELDQC	0.00	0.00		
O.G.0.00128.0.T	TRIP BLANK 128	11/30/2001	FIELDQC	0.00	0.00		
O.G.0.00128.0.T	TRIP BLANK 128	11/30/2001	FIELDQC	0.00	0.00		
O.G.0.00129.0.T	TRIP BLANK 129	11/30/2001	FIELDQC	0.00	0.00		
O.G.0.00129.0.T	TRIP BLANK 129	11/30/2001	FIELDQC	0.00	0.00		
O.G.0.00130.0.T	TRIP BLANK 130	11/30/2001	FIELDQC	0.00	0.00		
O.G.0.00130.0.T	TRIP BLANK 130	11/30/2001	FIELDQC	0.00	0.00		
O.G.0.BA01.0.E	RINSATE BA01	11/28/2001	FIELDQC	0.00	0.00		
O.G.0.BA01.0.E	RINSATE BA01	11/28/2001	FIELDQC	0.00	0.00		
O.G.0.BA02.0.E	RINSATE BA02	11/29/2001	FIELDQC	0.00	0.00		
O.G.0.BA02.0.E	RINSATE BA02	11/29/2001	FIELDQC	0.00	0.00		
O.G.0.BA03.0.E	RINSATE BA03	11/30/2001	FIELDQC	0.00	0.00		
O.G.0.BA03.0.E	RINSATE BA03	11/30/2001	FIELDQC	0.00	0.00		
ABB0031AAE	FIELDQC	11/07/2001	FIELDQC	0.00	0.00		
ABB0031AAT	FIELDQC	11/07/2001	FIELDQC	0.00	0.00		
ABB0031BAT	FIELDQC	11/07/2001	FIELDQC	0.00	0.00		
ABB0032AAE	FIELDQC	11/14/2001	FIELDQC	0.00	0.00		
ABB0032AAT	FIELDQC	11/15/2001	FIELDQC	0.00	0.00		
ABB0032HAE	FIELDQC	11/16/2001	FIELDQC	0.00	0.00		
ABB0032HAT	FIELDQC	11/16/2001	FIELDQC	0.00	0.00		
BGHMAE	FIELDQC	11/15/2001	FIELDQC	0.00	0.00		
BM6CAE	FIELDQC	11/28/2001	FIELDQC	0.00	0.00		
BM8AAT	FIELDQC	11/30/2001	FIELDQC	0.00	0.00		
BO7BAE	FIELDQC	11/26/2001	FIELDQC	0.00	0.00		
DEMO1-1E	FIELDQC	11/16/2001	FIELDQC	0.00	0.00		
G187DAE	FIELDQC	11/06/2001	FIELDQC	0.00	0.00		
G187DBE	FIELDQC	11/08/2001	FIELDQC	0.00	0.00		
G187DKE	FIELDQC	11/09/2001	FIELDQC	0.00	0.00		
G187DKT	FIELDQC	11/09/2001	FIELDQC	0.00	0.00		
G188DAE	FIELDQC	11/07/2001	FIELDQC	0.00	0.00		
G188DHT	FIELDQC	11/08/2001	FIELDQC	0.00	0.00		
G189DMT	FIELDQC	11/13/2001	FIELDQC	0.00	0.00		
G189DTT	FIELDQC	11/14/2001	FIELDQC	0.00	0.00		
G190DAE	FIELDQC	11/09/2001	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
 11/1/2001-11/30/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G190DGE	FIELDQC	11/13/2001	FIELDQC	0.00	0.00		
G190DTE	FIELDQC	11/14/2001	FIELDQC	0.00	0.00		
G191DCE	FIELDQC	11/19/2001	FIELDQC	0.00	0.00		
G191DCT	FIELDQC	11/19/2001	FIELDQC	0.00	0.00		
G191DRE	FIELDQC	11/20/2001	FIELDQC	0.00	0.00		
G191DRT	FIELDQC	11/20/2001	FIELDQC	0.00	0.00		
G192DME	FIELDQC	11/27/2001	FIELDQC	0.00	0.00		
G192DMT	FIELDQC	11/27/2001	FIELDQC	0.00	0.00		
G196DBT	FIELDQC	11/26/2001	FIELDQC	0.00	0.00		
G197DET	FIELDQC	11/28/2001	FIELDQC	0.00	0.00		
G197DKE	FIELDQC	11/29/2001	FIELDQC	0.00	0.00		
G199DAE	FIELDQC	11/29/2001	FIELDQC	0.00	0.00		
G199DBE	FIELDQC	11/30/2001	FIELDQC	0.00	0.00		
GAB31AAE	FIELDQC	11/08/2001	FIELDQC	0.00	0.00		
GAB31AAT	FIELDQC	11/08/2001	FIELDQC	0.00	0.00		
GAB32BAE	FIELDQC	11/16/2001	FIELDQC	0.00	0.00		
GAB32BAT	FIELDQC	11/16/2001	FIELDQC	0.00	0.00		
HC04H1AAE	FIELDQC	11/19/2001	FIELDQC	0.00	0.00		
HC05K1AAE	FIELDQC	11/01/2001	FIELDQC	0.00	0.00		
HC101TTDS2E	FIELDQC	11/02/2001	FIELDQC	0.00	0.00		
HC12WW1AAE	FIELDQC	11/28/2001	FIELDQC	0.00	0.00		
HC63E1AAE	FIELDQC	11/12/2001	FIELDQC	0.00	0.00		
HCJ1P15DS1T	FIELDQC	11/01/2001	FIELDQC	0.00	0.00		
HD05K1AAT	FIELDQC	11/01/2001	FIELDQC	0.00	0.00		
HD103BF1AAE	FIELDQC	11/27/2001	FIELDQC	0.00	0.00		
HDA10220102AE	FIELDQC	11/15/2001	FIELDQC	0.00	0.00		
HDA10220102AT	FIELDQC	11/15/2001	FIELDQC	0.00	0.00		
HDA10230101AE	FIELDQC	11/02/2001	FIELDQC	0.00	0.00		
HDA10230101AT	FIELDQC	11/02/2001	FIELDQC	0.00	0.00		
S191DAE	FIELDQC	11/09/2001	FIELDQC	0.00	0.00		
S191DCT	FIELDQC	11/09/2001	FIELDQC	0.00	0.00		
S191DKE	FIELDQC	11/13/2001	FIELDQC	0.00	0.00		
S191DKT	FIELDQC	11/13/2001	FIELDQC	0.00	0.00		
S195DAE	FIELDQC	11/29/2001	FIELDQC	0.00	0.00		
S195DDE	FIELDQC	11/30/2001	FIELDQC	0.00	0.00		
SCPNDPTE	FIELDQC	11/13/2001	FIELDQC	0.00	0.00		
W10DDT	FIELDQC	11/30/2001	FIELDQC	0.00	0.00		
WOW-1E	FIELDQC	11/15/2001	FIELDQC	0.00	0.00		
WOW-6E	FIELDQC	11/14/2001	FIELDQC	0.00	0.00		
W01M1A	MW-01	11/30/2001	GROUNDWATER	220.00	225.00	104.00	109.00
W01M1D	MW-01	11/30/2001	GROUNDWATER	220.00	225.00	44.00	49.00
W01M2A	MW-01	11/30/2001	GROUNDWATER	160.00	165.00	44.00	49.00
W02DDA	MW-2	11/19/2001	GROUNDWATER	355.00	360.00	218.00	223.00
W02M1A	MW-2	11/19/2001	GROUNDWATER	212.00	217.00	75.00	80.00
W02M2A	MW-2	11/19/2001	GROUNDWATER	170.00	175.00	33.00	38.00
W05DDA	MW-05	11/29/2001	GROUNDWATER	335.00	340.00	223.00	228.00
W100M1A	MW-100	11/27/2001	GROUNDWATER	179.00	189.00	45.00	55.00
W100M2A	MW-100	11/15/2001	GROUNDWATER	164.00	174.00	30.00	40.00
W100M2A	MW-100	11/27/2001	GROUNDWATER	164.00	174.00	30.00	40.00

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
 11/1/2001-11/30/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W100M2D	MW-100	11/27/2001	GROUNDWATER	125.00	135.00	5.00	15.00
W100M2D	MW-100	11/28/2001	GROUNDWATER	164.00	174.00	30.00	40.00
W101M1A	MW-101	11/27/2001	GROUNDWATER	158.00	168.00	27.00	37.00
W101M1A	MW-101	11/28/2001	GROUNDWATER	158.00	168.00	27.00	37.00
W101SSA	MW-101	11/28/2001	GROUNDWATER	131.00	141.00	0.00	10.00
W105M1A	MW-105	11/26/2001	GROUNDWATER	205.00	215.00	78.00	88.00
W105M2A	MW-105	11/26/2001	GROUNDWATER	165.00	175.00	38.00	48.00
W106M1A	MW-106	11/26/2001	GROUNDWATER	170.50	180.50	38.00	48.00
W106M2A	MW-106	11/27/2001	GROUNDWATER	140.50	150.50	8.00	18.00
W107M1A	MW-107	11/29/2001	GROUNDWATER	155.00	165.00	35.00	45.00
W107M2A	MW-107	11/29/2001	GROUNDWATER	125.00	135.00	5.00	15.00
W107M2D	MW-107	11/29/2001	GROUNDWATER	125.00	135.00	5.00	15.00
W112M1A	MW-112	11/27/2001	GROUNDWATER	195.00	205.00	56.00	66.00
W112M2A	MW-112	11/27/2001	GROUNDWATER	165.00	175.00	26.00	36.00
W149M1A	MW-149	11/09/2001	GROUNDWATER	237.00	247.00	136.00	146.00
W149SSA	MW-149	11/09/2001	GROUNDWATER	105.00	115.00	4.00	14.00
W173M1A	MW-173	11/08/2001	GROUNDWATER	243.00	253.00	110.20	120.20
W173M2A	MW-173	11/08/2001	GROUNDWATER	208.00	218.00	72.40	82.40
W173M3A	MW-173	11/08/2001	GROUNDWATER	188.00	198.00	52.20	62.20
W175M1A	MW-175	11/07/2001	GROUNDWATER	264.00	274.00	139.25	149.25
W175M2A	MW-175	11/08/2001	GROUNDWATER	199.00	209.00	74.45	84.45
W175M3A	MW-175	11/08/2001	GROUNDWATER	162.00	167.00	37.40	47.40
W176M1A	MW-176	11/01/2001	GROUNDWATER	270.00	280.00	158.55	168.55
W176M2A	MW-176	11/02/2001	GROUNDWATER	229.00	239.00	117.60	127.60
W179DDA	MW-179	11/01/2001	GROUNDWATER	329.00	339.00	188.10	198.10
W181SSA	MW-181	11/07/2001	GROUNDWATER	32.00	42.00	0.00	10.00
W181SSA	MW-181	11/09/2001	GROUNDWATER	32.00	42.00	0.00	10.00
W181SSD	MW-181	11/09/2001	GROUNDWATER	32.00	42.00	0.00	10.00
W182M2A	MW-182	11/02/2001	GROUNDWATER	273.00	283.00	102.89	112.89
W27SSA	MW-27	11/30/2001	GROUNDWATER	117.00	127.00	0.00	10.00
W38M2A	MW-38	11/29/2001	GROUNDWATER	187.00	197.00	69.00	79.00
W38M3A	MW-38	11/29/2001	GROUNDWATER	170.00	180.00	52.00	62.00
W38M3D	MW-38	11/29/2001	GROUNDWATER	170.00	180.00	52.00	62.00
W38M4A	MW-38	11/29/2001	GROUNDWATER	132.00	142.00	14.00	24.00
W38SSA	MW-38	11/30/2001	GROUNDWATER	115.00	125.00	0.00	10.00
W40M1A	MW-40	11/29/2001	GROUNDWATER	132.50	142.50	13.00	23.00
W40SSA	MW-40	11/30/2001	GROUNDWATER	115.50	125.50	0.00	10.00
W41M1A	MW-41	11/29/2001	GROUNDWATER	235.00	245.00	108.00	118.00
W44M1A	MW-44	11/27/2001	GROUNDWATER	182.00	192.00	53.00	63.00
W44SSA	MW-44	11/27/2001	GROUNDWATER	123.00	133.00	0.00	10.00
W59M2A	MW-59	11/28/2001	GROUNDWATER	150.00	160.00	18.00	28.00
W86M1A	MW-86	11/30/2001	GROUNDWATER	208.00	218.00	66.00	76.00
W86M2A	MW-86	11/30/2001	GROUNDWATER	158.00	168.00	72.00	82.00
W86SSA	MW-86	11/30/2001	GROUNDWATER	143.00	153.00	1.00	10.00
W91M1A	MW-91	11/29/2001	GROUNDWATER	170.00	180.00	45.00	55.00
W92M1A	MW-92	11/28/2001	GROUNDWATER	165.00	175.00	25.00	35.00
W92M1A	MW-92	11/29/2001	GROUNDWATER	165.00	175.00	25.00	35.00
W92SSA	MW-92	11/28/2001	GROUNDWATER	139.00	149.00	0.00	10.00
W93M1A	MW-93	11/28/2001	GROUNDWATER	185.00	195.00	56.00	66.00

Profiling methods include: Volatiles and Explosives

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Other Sample Types methods are variable

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 SAMPLING PROGRESS
 11/1/2001-11/30/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W93M2A	MW-93	11/28/2001	GROUNDWATER	145.00	155.00	16.00	26.00
W96M1A	MW-96	11/29/2001	GROUNDWATER	206.00	216.00	70.00	80.00
W96M2A	MW-96	11/29/2001	GROUNDWATER	160.00	170.00	24.00	34.00
W96SSA	MW-96	11/30/2001	GROUNDWATER	134.00	144.00	0.00	10.00
W98M1A	MW-98	11/28/2001	GROUNDWATER	164.00	174.00	26.00	36.00
W98SSA	MW-98	11/28/2001	GROUNDWATER	137.00	147.00	0.00	10.00
W99M1A	MW-99	11/28/2001	GROUNDWATER	195.00	205.00	60.00	70.00
W99SSA	MW-99	11/29/2001	GROUNDWATER	133.00	143.00	0.00	10.00
WOW-1A	OW-1A	11/15/2001	GROUNDWATER	126.00	136.00	0.70	10.70
WOW-2A	OW-2A	11/14/2001	GROUNDWATER	175.00	185.00	48.78	58.78
WOW-2A	OW-2A	11/15/2001	GROUNDWATER	175.00	185.00	48.78	58.78
WOW-6A	OW-6A	11/14/2001	GROUNDWATER	175.00	185.00	46.80	56.80
DW110701	GAC WATER	11/07/2001	IDW	0.00	0.00		
DW111601	GAC WATER	11/16/2001	IDW	0.00	0.00		
DW112901	GAC WATER	11/29/2001	IDW	0.00	0.00		
PW1DEVEFF	GAC WATER	11/29/2001	IDW	0.00	0.00		
PW1DEVINF	GAC WATER	11/29/2001	IDW	0.00	0.00		
DEMO1-1A	DEMO1-1A	11/16/2001	PESAMP	0.00	0.50		
SCPNDPTH	SCPNDPTH	11/13/2001	PESAMP	0.00	0.50		
AMEC027	AMEC027	11/01/2001	PROFILE	139.00	144.00		
AMEC028	AMEC028	11/01/2001	PROFILE	139.00	144.00		
AMEC029	AMEC029	11/01/2001	PROFILE	149.00	154.00		
AMEC030	AMEC030	11/01/2001	PROFILE	149.00	154.00		
AMEC031	AMEC031	11/01/2001	PROFILE	159.00	164.00		
AMEC032	AMEC032	11/01/2001	PROFILE	159.00	164.00		
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40
G187DBA	MW-187	11/08/2001	PROFILE	120.00	120.00	14.40	14.40
G187DCA	MW-187	11/08/2001	PROFILE	130.00	130.00	24.40	24.40
G187DDA	MW-187	11/08/2001	PROFILE	140.00	140.00	34.40	34.40
G187DEA	MW-187	11/08/2001	PROFILE	150.00	150.00	44.40	44.40
G187DFA	MW-187	11/08/2001	PROFILE	160.00	160.00	54.40	54.40
G187DGA	MW-187	11/08/2001	PROFILE	170.00	170.00	64.40	64.40
G187DHA	MW-187	11/08/2001	PROFILE	180.00	180.00	74.40	74.40
G187DIA	MW-187	11/08/2001	PROFILE	190.00	190.00	84.40	84.40
G187DJA	MW-187	11/08/2001	PROFILE	200.00	200.00	94.40	94.40
G187DKA	MW-187	11/09/2001	PROFILE	210.00	210.00	104.40	104.40
G187DLA	MW-187	11/09/2001	PROFILE	220.00	220.00	114.40	114.40
G187DMA	MW-187	11/09/2001	PROFILE	230.00	230.00	124.40	124.40
G187DNA	MW-187	11/09/2001	PROFILE	240.00	240.00	134.40	134.40
G187DND	MW-187	11/09/2001	PROFILE	240.00	240.00	134.40	134.40
G187DOA	MW-187	11/09/2001	PROFILE	250.00	250.00	144.40	144.40
G187DOD	MW-187	11/09/2001	PROFILE	250.00	250.00	144.40	144.40
G187DPA	MW-187	11/09/2001	PROFILE	260.00	260.00	154.40	154.40
G187DQA	MW-187	11/09/2001	PROFILE	270.00	270.00	164.40	164.40
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40
G187DSA	MW-187	11/13/2001	PROFILE	290.00	290.00	184.40	184.40
G187DTA	MW-187	11/13/2001	PROFILE	300.00	300.00	194.40	194.40
G187DUA	MW-187	11/13/2001	PROFILE	310.00	310.00	204.40	204.40
G187DVA	MW-187	11/13/2001	PROFILE	320.00	320.00	214.40	214.40

Profiling methods include: Volatiles and Explosives

Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry

Other Sample Types methods are variable

SBD = Sample Begin Depth, measured in feet bgs

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TABLE 2
 SAMPLING PROGRESS
 11/1/2001-11/30/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G188DAA	MW-188	11/07/2001	PROFILE	120.00	120.00	9.50	9.50
G188DBA	MW-188	11/07/2001	PROFILE	130.00	130.00	19.50	19.50
G188DCA	MW-188	11/07/2001	PROFILE	140.00	140.00	29.50	29.50
G188DDA	MW-188	11/07/2001	PROFILE	150.00	150.00	39.50	39.50
G188DEA	MW-188	11/07/2001	PROFILE	160.00	160.00	49.50	49.50
G188DFA	MW-188	11/07/2001	PROFILE	170.00	170.00	59.50	59.50
G188DGA	MW-188	11/07/2001	PROFILE	180.00	180.00	69.50	69.50
G188DHA	MW-188	11/07/2001	PROFILE	190.00	190.00	79.50	79.50
G188DIA	MW-188	11/07/2001	PROFILE	200.00	200.00	89.50	89.50
G188DJA	MW-188	11/07/2001	PROFILE	210.00	210.00	99.50	99.50
G188DKA	MW-188	11/07/2001	PROFILE	220.00	220.00	109.50	109.50
G188DLA	MW-188	11/07/2001	PROFILE	230.00	230.00	119.50	119.50
G188DMA	MW-188	11/07/2001	PROFILE	240.00	240.00	129.50	129.50
G188DNA	MW-188	11/07/2001	PROFILE	250.00	250.00	139.50	139.50
G188DND	MW-188	11/07/2001	PROFILE	250.00	250.00	139.50	139.50
G188DOA	MW-188	11/08/2001	PROFILE	260.00	260.00	149.50	149.50
G188DOD	MW-188	11/08/2001	PROFILE	260.00	260.00	149.50	149.50
G188DPA	MW-188	11/08/2001	PROFILE	270.00	270.00	159.50	159.50
G188DQA	MW-188	11/08/2001	PROFILE	280.00	280.00	169.50	169.50
G188DRA	MW-188	11/08/2001	PROFILE	290.00	290.00	179.50	179.50
G188DSA	MW-188	11/08/2001	PROFILE	300.00	300.00	189.50	189.50
G188DUA	MW-188	11/08/2001	PROFILE	320.00	320.00	209.50	209.50
G188DVA	MW-188	11/08/2001	PROFILE	327.00	327.00	216.50	216.50
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40
G189DBA	MW-189	11/09/2001	PROFILE	110.00	110.00	16.40	16.40
G189DCA	MW-189	11/09/2001	PROFILE	120.00	120.00	26.40	26.40
G189DDA	MW-189	11/09/2001	PROFILE	130.00	130.00	36.40	36.40
G189DEA	MW-189	11/09/2001	PROFILE	140.00	140.00	46.40	46.40
G189DFA	MW-189	11/09/2001	PROFILE	150.00	150.00	56.40	56.40
G189DGA	MW-189	11/09/2001	PROFILE	160.00	160.00	66.40	66.40
G189DHA	MW-189	11/09/2001	PROFILE	170.00	170.00	76.40	76.40
G189DIA	MW-189	11/09/2001	PROFILE	180.00	180.00	86.40	86.40
G189DJA	MW-189	11/09/2001	PROFILE	190.00	190.00	96.40	96.40
G189DKA	MW-189	11/09/2001	PROFILE	200.00	200.00	106.40	106.40
G189DLA	MW-189	11/09/2001	PROFILE	210.00	210.00	116.40	116.40
G189DMA	MW-189	11/13/2001	PROFILE	220.00	220.00	126.40	126.40
G189DNA	MW-189	11/13/2001	PROFILE	230.00	230.00	136.40	136.40
G189DND	MW-189	11/13/2001	PROFILE	230.00	230.00	136.40	136.40
G189DOA	MW-189	11/13/2001	PROFILE	240.00	240.00	146.40	146.40
G189DPA	MW-189	11/13/2001	PROFILE	250.00	250.00	156.40	156.40
G189DPD	MW-189	11/13/2001	PROFILE	250.00	250.00	156.40	156.40
G189DQA	MW-189	11/13/2001	PROFILE	260.00	260.00	166.40	166.40
G189DRA	MW-189	11/13/2001	PROFILE	270.00	270.00	176.40	176.40
G189DSA	MW-189	11/13/2001	PROFILE	280.00	280.00	186.40	186.40
G189DTA	MW-189	11/14/2001	PROFILE	290.00	290.00	196.40	196.40
G190DAA	MW-190	11/09/2001	PROFILE	110.00	110.00	9.90	9.90
G190DBA	MW-190	11/09/2001	PROFILE	120.00	120.00	19.90	19.90
G190DBD	MW-190	11/09/2001	PROFILE	120.00	120.00	19.90	19.90
G190DCA	MW-190	11/09/2001	PROFILE	130.00	130.00	29.90	29.90

Profiling methods include: Volatiles and Explosives

Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry

Other Sample Types methods are variable

SBD = Sample Begin Depth, measured in feet bgs

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TABLE 2
 SAMPLING PROGRESS
 11/1/2001-11/30/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G190DDA	MW-190	11/09/2001	PROFILE	140.00	140.00	39.90	39.90
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90
G190DFA	MW-190	11/13/2001	PROFILE	160.00	160.00	59.90	59.90
G190DGA	MW-190	11/13/2001	PROFILE	170.00	170.00	69.90	69.90
G190DHA	MW-190	11/13/2001	PROFILE	180.00	180.00	79.90	79.90
G190DIA	MW-190	11/13/2001	PROFILE	190.00	190.00	89.90	89.90
G190DJA	MW-190	11/13/2001	PROFILE	200.00	200.00	99.90	99.90
G190DKA	MW-190	11/13/2001	PROFILE	210.00	210.00	109.90	109.90
G190DLA	MW-190	11/13/2001	PROFILE	220.00	220.00	119.90	119.90
G190DMA	MW-190	11/13/2001	PROFILE	230.00	230.00	129.90	129.90
G190DNA	MW-190	11/14/2001	PROFILE	240.00	240.00	139.90	139.90
G190DND	MW-190	11/14/2001	PROFILE	240.00	240.00	139.90	139.90
G190DOA	MW-190	11/14/2001	PROFILE	250.00	250.00	149.90	149.90
G190DOD	MW-190	11/14/2001	PROFILE	250.00	250.00	149.90	149.90
G190DPA	MW-190	11/14/2001	PROFILE	260.00	260.00	159.90	159.90
G190DQA	MW-190	11/14/2001	PROFILE	270.00	270.00	169.90	169.90
G190DRA	MW-190	11/14/2001	PROFILE	280.00	280.00	179.90	179.90
G190DSA	MW-190	11/14/2001	PROFILE	290.00	290.00	189.90	189.90
G190DTA	MW-190	11/14/2001	PROFILE	300.00	300.00	199.90	199.90
G191DAA	MW-191	11/13/2001	PROFILE	112.00	112.00	3.20	3.20
G191DAD	MW-191	11/13/2001	PROFILE	112.00	112.00	3.20	3.20
G191DBA	MW-191	11/19/2001	PROFILE	120.00	120.00	11.20	11.20
G191DCA	MW-191	11/19/2001	PROFILE	130.00	130.00	21.20	21.20
G191DCD	MW-191	11/19/2001	PROFILE	130.00	130.00	21.20	21.20
G191DDA	MW-191	11/19/2001	PROFILE	140.00	140.00	31.20	31.20
G191DEA	MW-191	11/19/2001	PROFILE	150.00	150.00	41.20	41.20
G191DFA	MW-191	11/19/2001	PROFILE	160.00	160.00	51.20	51.20
G191DGA	MW-191	11/19/2001	PROFILE	170.00	170.00	61.20	61.20
G191DHA	MW-191	11/19/2001	PROFILE	180.00	180.00	71.20	71.20
G191DIA	MW-191	11/20/2001	PROFILE	190.00	190.00	81.20	81.20
G191DID	MW-191	11/20/2001	PROFILE	190.00	190.00	81.20	81.20
G191DJA	MW-191	11/20/2001	PROFILE	200.00	200.00	91.20	91.20
G191DKA	MW-191	11/20/2001	PROFILE	210.00	210.00	101.20	101.20
G191DLA	MW-191	11/20/2001	PROFILE	220.00	220.00	111.20	111.20
G191DMA	MW-191	11/20/2001	PROFILE	230.00	230.00	121.20	121.20
G191DNA	MW-191	11/20/2001	PROFILE	240.00	240.00	131.20	131.20
G191DOA	MW-191	11/20/2001	PROFILE	250.00	250.00	141.20	141.20
G191DPA	MW-191	11/20/2001	PROFILE	260.00	260.00	151.20	151.20
G191DPD	MW-191	11/20/2001	PROFILE	260.00	260.00	151.20	151.20
G191DQA	MW-191	11/20/2001	PROFILE	270.00	270.00	161.20	161.20
G191DRA	MW-191	11/20/2001	PROFILE	280.00	280.00	171.20	171.20
G191DSA	MW-191	11/20/2001	PROFILE	290.00	290.00	181.20	181.20
G191DTA	MW-191	11/20/2001	PROFILE	300.00	300.00	191.20	191.20
G191DUA	MW-191	11/20/2001	PROFILE	310.00	310.00	201.20	201.20
G191DVA	MW-191	11/20/2001	PROFILE	318.00	318.00	209.20	209.20
G192DAA	MW-192	11/26/2001	PROFILE	120.00	120.00	10.30	10.30
G192DBA	MW-192	11/26/2001	PROFILE	130.00	130.00	20.30	20.30
G192DCA	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30
G192DCD	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30

Profiling methods include: Volatiles and Explosives

Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry

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TABLE 2
 SAMPLING PROGRESS
 11/1/2001-11/30/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G192DDA	MW-192	11/26/2001	PROFILE	150.00	150.00	40.30	40.30
G192DEA	MW-192	11/26/2001	PROFILE	160.00	160.00	50.30	50.30
G192DFA	MW-192	11/26/2001	PROFILE	170.00	170.00	60.30	60.30
G192DFD	MW-192	11/26/2001	PROFILE	170.00	170.00	60.30	60.30
G192DGA	MW-192	11/26/2001	PROFILE	180.00	180.00	70.30	70.30
G192DHA	MW-192	11/26/2001	PROFILE	190.00	190.00	80.30	80.30
G192DIA	MW-192	11/26/2001	PROFILE	200.00	200.00	90.30	90.30
G192DJA	MW-192	11/26/2001	PROFILE	210.00	210.00	100.30	100.30
G192DKA	MW-192	11/26/2001	PROFILE	220.00	220.00	110.30	110.30
G192DLA	MW-192	11/26/2001	PROFILE	230.00	230.00	120.30	120.30
G192DMA	MW-192	11/27/2001	PROFILE	240.00	240.00	130.30	130.30
G192DNA	MW-192	11/27/2001	PROFILE	250.00	250.00	140.30	140.30
G192DND	MW-192	11/27/2001	PROFILE	250.00	250.00	140.30	140.30
G192DOA	MW-192	11/27/2001	PROFILE	260.00	260.00	150.30	150.30
G192DPA	MW-192	11/27/2001	PROFILE	270.00	270.00	160.30	160.30
G192DPD	MW-192	11/27/2001	PROFILE	270.00	270.00	160.30	160.30
G192DQA	MW-192	11/27/2001	PROFILE	280.00	280.00	170.30	170.30
G192DRA	MW-192	11/27/2001	PROFILE	290.00	290.00	180.30	180.30
G192DSA	MW-192	11/27/2001	PROFILE	300.00	300.00	190.30	190.30
G192DTA	MW-192	11/27/2001	PROFILE	310.00	310.00	200.30	200.30
G192DTD	MW-192	11/27/2001	PROFILE	310.00	310.00	200.30	200.30
G192DUA	MW-192	11/27/2001	PROFILE	320.00	320.00	210.30	210.30
G196DAA	MW-196	11/26/2001	PROFILE	35.00	40.00	2.20	7.20
G196DBA	MW-196	11/26/2001	PROFILE	45.00	50.00	12.20	17.20
G196DCA	MW-196	11/26/2001	PROFILE	55.00	60.00	22.20	27.20
G196DDA	MW-196	11/26/2001	PROFILE	65.00	70.00	32.20	37.20
G196DEA	MW-196	11/26/2001	PROFILE	75.00	80.00	42.20	47.20
G196DFA	MW-196	11/26/2001	PROFILE	85.00	90.00	52.20	57.20
G196DFD	MW-196	11/26/2001	PROFILE	85.00	90.00	62.20	67.20
G196DGA	MW-196	11/26/2001	PROFILE	95.00	100.00	72.20	77.20
G196DHA	MW-196	11/26/2001	PROFILE	105.00	110.00	82.20	87.20
G196DIA	MW-196	11/27/2001	PROFILE	115.00	120.00	92.20	97.20
G196DJA	MW-196	11/27/2001	PROFILE	125.00	130.00	102.20	107.20
G196DKA	MW-196	11/27/2001	PROFILE	135.00	140.00	112.20	117.20
G197DAA	MW-197	11/27/2001	PROFILE	20.00	25.00	0.00	4.60
G197DBA	MW-197	11/27/2001	PROFILE	30.00	35.00	9.60	14.60
G197DCA	MW-197	11/27/2001	PROFILE	40.00	45.00	19.60	24.60
G197DDA	MW-197	11/27/2001	PROFILE	50.00	55.00	29.60	34.60
G197DEA	MW-197	11/28/2001	PROFILE	60.00	65.00	39.60	44.60
G197DED	MW-197	11/28/2001	PROFILE	60.00	65.00	39.60	44.60
G197DFA	MW-197	11/28/2001	PROFILE	70.00	75.00	49.60	54.60
G197DGA	MW-197	11/28/2001	PROFILE	80.00	85.00	59.60	64.60
G197DHA	MW-197	11/28/2001	PROFILE	90.00	95.00	69.60	74.60
G197DIA	MW-197	11/28/2001	PROFILE	100.00	105.00	79.60	84.60
G197DJA	MW-197	11/28/2001	PROFILE	110.00	115.00	89.60	94.60
G197DKA	MW-197	11/29/2001	PROFILE	120.00	125.00	99.60	104.60
G199DAA	MW-199	11/29/2001	PROFILE	150.00	150.00	15.50	15.50
G199DBA	MW-199	11/30/2001	PROFILE	160.00	160.00	25.50	25.50
G199DCA	MW-199	11/30/2001	PROFILE	170.00	170.00	35.50	35.50

Profiling methods include: Volatiles and Explosives

Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry

Other Sample Types methods are variable

SBD = Sample Begin Depth, measured in feet bgs

SED = Sample End Depth, measured in feet bgs

BWTS = Depth below water table, start depth, measured in feet

BWTE = Depth below water table, end depth, measured in feet

TABLE 2
 SAMPLING PROGRESS
 11/1/2001-11/30/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G199DCD	MW-199	11/30/2001	PROFILE	170.00	170.00	35.50	35.50
G199DDA	MW-199	11/30/2001	PROFILE	180.00	180.00	45.50	45.50
GAB31AAA	B-31	11/08/2001	PROFILE	112.00	112.00	2.80	2.80
GAB31BAA	B-31	11/08/2001	PROFILE	121.00	121.00	11.80	11.80
GAB32AAA	B-32	11/16/2001	PROFILE	114.00	114.00	5.00	5.00
GAB32BAA	B-32	11/16/2001	PROFILE	122.00	122.00	13.00	13.00
AB0032PLMAAA	B-32	11/15/2001	SOIL BORING	106.00	108.00		
AB0032PLMBAA	B-32	11/15/2001	SOIL BORING	108.00	110.00		
ABB0031AAA	B-31	11/07/2001	SOIL BORING	5.00	7.00		
ABB0031AAD	B-31	11/07/2001	SOIL BORING	5.00	7.00		
ABB0031BAA	B-31	11/07/2001	SOIL BORING	10.00	12.00		
ABB0031CAA	B-31	11/07/2001	SOIL BORING	20.00	22.00		
ABB0031DAA	B-31	11/07/2001	SOIL BORING	30.00	32.00		
ABB0031EAA	B-31	11/07/2001	SOIL BORING	40.00	42.00		
ABB0031FAA	B-31	11/07/2001	SOIL BORING	50.00	52.00		
ABB0031GAA	B-31	11/07/2001	SOIL BORING	60.00	62.00		
ABB0031HAA	B-31	11/07/2001	SOIL BORING	70.00	72.00		
ABB0031IAA	B-31	11/07/2001	SOIL BORING	80.00	82.00		
ABB0031JAA	B-31	11/07/2001	SOIL BORING	90.00	92.00		
ABB0031KAA	B-31	11/07/2001	SOIL BORING	100.00	102.00		
ABB0031PLMAAA	B-31	11/07/2001	SOIL BORING	108.00	110.00		
ABB0031PLMBAA	B-31	11/08/2001	SOIL BORING	110.00	112.00		
ABB0032AAA	B-32	11/14/2001	SOIL BORING	5.00	7.00		
ABB0032BAA	B-32	11/14/2001	SOIL BORING	10.00	12.00		
ABB0032BAD	B-32	11/14/2001	SOIL BORING	10.00	12.00		
ABB0032CAA	B-32	11/15/2001	SOIL BORING	20.00	22.00		
ABB0032DAA	B-32	11/15/2001	SOIL BORING	30.00	32.00		
ABB0032EAA	B-32	11/15/2001	SOIL BORING	40.00	42.00		
ABB0032FAA	B-32	11/15/2001	SOIL BORING	50.00	52.00		
ABB0032GAA	B-32	11/15/2001	SOIL BORING	60.00	62.00		
ABB0032HAD	B-32	11/15/2001	SOIL BORING	70.00	72.00		
ABB0032IAA	B-32	11/15/2001	SOIL BORING	80.00	82.00		
ABB0032JAA	B-32	11/15/2001	SOIL BORING	90.00	92.00		
ABB0032KAA	B-32	11/15/2001	SOIL BORING	100.00	102.00		
ABB032HAA	B-32	11/15/2001	SOIL BORING	70.00	72.00		
S189DAE	MW-189	11/07/2001	SOIL BORING	0.00	0.00		
S189DCA	MW-189	11/07/2001	SOIL BORING	10.00	12.00		
S189DDA	MW-189	11/07/2001	SOIL BORING	20.00	22.00		
S189DEA	MW-189	11/07/2001	SOIL BORING	30.00	32.00		
S189DFA	MW-189	11/07/2001	SOIL BORING	40.00	42.00		
S189DGA	MW-189	11/07/2001	SOIL BORING	50.00	52.00		
S189DHA	MW-189	11/07/2001	SOIL BORING	60.00	62.00		
S189DIA	MW-189	11/07/2001	SOIL BORING	70.00	72.00		
S189DJA	MW-189	11/08/2001	SOIL BORING	80.00	82.00		
S189DKA	MW-189	11/08/2001	SOIL BORING	90.00	92.00		
S191DAA	MW-191	11/09/2001	SOIL BORING	5.00	7.00		
S191DBA	MW-191	11/09/2001	SOIL BORING	10.00	12.00		
S191DCA	MW-191	11/09/2001	SOIL BORING	20.00	22.00		
S191DDA	MW-191	11/09/2001	SOIL BORING	30.00	32.00		

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

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TABLE 2
 SAMPLING PROGRESS
 11/1/2001-11/30/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
S191DEA	MW-191	11/09/2001	SOIL BORING	40.00	42.00		
S191DFA	MW-191	11/09/2001	SOIL BORING	50.00	52.00		
S191DGA	MW-191	11/13/2001	SOIL BORING	60.00	62.00		
S191DHA	MW-191	11/13/2001	SOIL BORING	70.00	72.00		
S191DIA	MW-191	11/13/2001	SOIL BORING	80.00	82.00		
S191DJA	MW-191	11/13/2001	SOIL BORING	90.00	92.00		
S191DKA	MW-191	11/13/2001	SOIL BORING	100.00	102.00		
S191PLMAAA	MW-191	11/13/2001	SOIL BORING	106.00	108.00		
S191PLMBAA	MW-191	11/13/2001	SOIL BORING	108.00	110.00		
S195DAA	MW-195	11/29/2001	SOIL BORING	0.00	0.50		
S195DAD	MW-195	11/29/2001	SOIL BORING	0.00	0.50		
S195DBA	MW-195	11/29/2001	SOIL BORING	1.50	2.00		
S195DCA	MW-195	11/29/2001	SOIL BORING	10.00	12.00		
S195DDA	MW-195	11/30/2001	SOIL BORING	20.00	22.00		
S195DEA	MW-195	11/30/2001	SOIL BORING	30.00	32.00		
HCJ1P15DS1A	J1P-15	11/01/2001	SOIL GRAB				
HCJ1P15DS2A	J1P-15	11/01/2001	SOIL GRAB				
B07BAA	07B	11/27/2001	SOIL GRID	0.00	0.50		
B09CAA	16C	11/16/2001	SOIL GRID	0.00	0.50		
B13IBA	13I	11/19/2001	SOIL GRID	1.50	2.00		
B14BAA	14B	11/26/2001	SOIL GRID	0.00	0.50		
BA.F.0001	BA-1	11/28/2001	SOIL GRID	3.00	3.25		
BA.F.0001	BA-1	11/28/2001	SOIL GRID	3.00	3.25		
BA.F.0001.D	BA-1	11/28/2001	SOIL GRID	3.00	3.25		
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.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.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.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.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	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.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.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.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.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		
BA.F.0010	BA-10	11/30/2001	SOIL GRID	6.00	6.50		
BGHCBA	16C	11/16/2001	SOIL GRID	1.50	2.00		
BGHMAA	16M	11/15/2001	SOIL GRID	0.00	0.50		
BGHNBA	16N	11/16/2001	SOIL GRID	1.50	2.00		
BGMMBA	BGMMBA	11/12/2001	SOIL GRID	1.50	2.00		

Profiling methods include: Volatiles and Explosives

Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry

Other Sample Types methods are variable

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TABLE 2
 SAMPLING PROGRESS
 11/1/2001-11/30/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
BM6CAD	M6C	11/28/2001	SOIL GRID	0.00	0.50		
BM8AAA	M8A	11/29/2001	SOIL GRID	0.00	0.50		
BM8BAA	M8B	11/29/2001	SOIL GRID	0.00	0.50		
BM8CAA	M8C	11/29/2001	SOIL GRID	0.00	0.50		
HC01D1DAA	01D	11/01/2001	SOIL GRID	0.00	0.00		
HC04H1AAD	04H	11/19/2001	SOIL GRID	0.00	0.25		
HC101TTDS1A	101TTDS	11/02/2001	SOIL GRID	0.00	0.25		
HC101TTDS2A	101TTDS	11/02/2001	SOIL GRID	0.00	0.25		
HC102MA1CAA	102M	11/26/2001	SOIL GRID	0.50	1.00		
HC12UU1AAA	12U	11/28/2001	SOIL GRID	0.00	0.50		
HC12UU1AAD	12U	11/28/2001	SOIL GRID	0.00	0.50		
HC12VV1AAA	12V	11/28/2001	SOIL GRID	0.00	0.50		
HC12WW1AAA	12W	11/28/2001	SOIL GRID	0.00	0.50		
HC50C1AAA	50C	11/28/2001	SOIL GRID	0.00	0.50		
HC55C1BAA	55C	11/12/2001	SOIL GRID	1.50	2.00		
HC55F1AAA	55F	11/12/2001	SOIL GRID	0.00	0.50		
HC55F1BAA	55F	11/12/2001	SOIL GRID	1.50	2.00		
HC58A1AAA	58A	11/12/2001	SOIL GRID	0.00	0.50		
HC59E1AAA	59E	11/29/2001	SOIL GRID	0.00	0.50		
HC63E1AAA	63E	11/12/2001	SOIL GRID	0.00	0.50		
HC70B1AAA	70B	11/28/2001	SOIL GRID	0.00	0.50		
HCA10220102AA	A10220102A	11/15/2001	SOIL GRID	0.00	0.25		
HD05K1AAA	05K	11/01/2001	SOIL GRID	0.00	0.50		
HD102PA4CAA	102P	11/26/2001	SOIL GRID	0.50	1.00		
HD103BF1AAA	103B	11/27/2001	SOIL GRID	0.00	0.25		
HDA10220101AA	A10220101	11/02/2001	SOIL GRID	0.00	0.25		
HDA10220102AA	A10220102A	11/15/2001	SOIL GRID	0.00	0.25		
HDA10230101AA	A10230101	11/02/2001	SOIL GRID	0.00	0.25		
T1.F.0B.LRZ.1.0	Transect 1 Grid B	11/30/2001	SOIL GRID	0.00	0.25		
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.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.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.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.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.0G.LRZ.1.0	Transect 1 Grid G	11/30/2001	SOIL GRID	0.00	0.25		
T1.F.0I.LRZ.1.0	Transect 1 Grid I	11/30/2001	SOIL GRID	0.00	0.25		
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.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.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.0L.LRZ.1.0	Transect 1 Grid L	11/30/2001	SOIL GRID	0.00	0.25		
T5.F.0A.LRZ.1.0	Transect 5 Grid A	11/29/2001	SOIL GRID	0.00	0.25		

Profiling methods include: Volatiles and Explosives

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Other Sample Types methods are variable

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TABLE 2
 SAMPLING PROGRESS
 11/1/2001-11/30/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
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.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.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.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.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.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.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.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.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.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.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.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.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.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.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.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.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.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.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.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.1.0	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.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.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.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.0S.HRZ.2.0	Transect 5 Grid S-2	11/29/2001	SOIL GRID	0.50	1.00		

Profiling methods include: Volatiles and Explosives

Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry

Other Sample Types methods are variable

SBD = Sample Begin Depth, measured in feet bgs

SED = Sample End Depth, measured in feet bgs

BWTS = Depth below water table, start depth, measured in feet

BWTE = Depth below water table, end depth, measured in feet

TABLE 2
 SAMPLING PROGRESS
 11/1/2001-11/30/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
T5.F.0T.LRZ.1.0	Transect 5 Grid T	11/29/2001	SOIL GRID	0.00	0.25		
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.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.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.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.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.1.0	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.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.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.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.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.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.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.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.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.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.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.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		
T5.F.II.LRZ.1.0	Transect 5 Grid II	11/30/2001	SOIL GRID	0.00	0.25		
T5.F.JJ.LRZ.1.0	Transect 5 Grid JJ	11/30/2001	SOIL GRID	0.00	0.25		
T5.F.JJ.LRZ.1.0	Transect 5 Grid JJ	11/30/2001	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.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.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.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.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		
T5.F.PP.LRZ.1.0	Transect 5 Grid PP	11/28/2001	SOIL GRID	0.00	0.25		
LKSNP0004AAA	LKSNP0004	11/07/2001	SURFACE WATER	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
 11/1/2001-11/30/2001

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
LKSNP0004AAD	LKSNP0004	11/07/2001	SURFACE WATER	0.00	0.00		
LKSNP0005AAA	LKSNP0005	11/07/2001	SURFACE WATER	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 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
1997 THROUGH NOVEMBER 2001

Tuesday, December 04, 2001

Page 1

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
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	58MW0002	05/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	13.00		UG/L	2.90	7.90	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
58MW0009E	WC9EXA	10/02/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	7.70		UG/L	6.50	11.50	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
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	09/30/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.50		UG/L	0.00	10.00	2.00	X
MW-1	W01SSD	09/30/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.40		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

BWTS = DEPTH BELOW WATER TABLE, START DEPTH, MEASURED IN FEET

BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET

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

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

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

Tuesday, December 04, 2001

Page 2

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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	W01MMA	09/29/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	4.60		UG/L	44.00	49.00	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
MW-147	W147M1A	02/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.70		UG/L	94.00	104.00	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 NOVEMBER 2001

Tuesday, December 04, 2001

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LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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	45.00	55.00	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	83.00	88.00	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	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
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	10/16/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO	2.00		UG/L	0.00	10.00	2.00	X

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

Tuesday, December 04, 2001

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LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-25	W25SSA	03/17/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO	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
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

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1997 THROUGH NOVEMBER 2001

Tuesday, December 04, 2001

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

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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
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

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

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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
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

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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	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	1.00	11.00	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	223.50	233.50	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
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

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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-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

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

Tuesday, December 04, 2001

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

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

Tuesday, December 04, 2001

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LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-46	W46M2L	03/30/1999	IM40MB	MOLYBDENUM	51.00		UG/L	56.00	66.00	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
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

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1997 THROUGH NOVEMBER 2001

Tuesday, December 04, 2001

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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
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

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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	0.00	10.00	20,000.00	X
MW-145	W145SSA	06/20/2001	IM40MB	SODIUM	73,600.00		UG/L	0.00	10.00	20,000.00	X
MW-16	W16SSA	11/17/1997	IM40MB	SODIUM	20,900.00		UG/L	0.00	10.00	20,000.00	X
MW-16	W16SSL	11/17/1997	IM40MB	SODIUM	20,400.00		UG/L	0.00	10.00	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
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-2	W02DDA	11/19/1997	IM40MB	SODIUM	21,500.00		UG/L	218.00	223.00	20,000.00	X
MW-2	W02DDL	11/19/1997	IM40MB	SODIUM	22,600.00		UG/L	218.00	223.00	20,000.00	X
MW-21	W21SSA	10/24/1997	IM40MB	SODIUM	24,000.00		UG/L	0.00	10.00	20,000.00	X
MW-21	W21SSL	10/24/1997	IM40MB	SODIUM	24,200.00		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

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LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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	0.00	10.00	2.00	X
MW-18	W18SSA	03/12/1999	IM40MB	THALLIUM	2.30	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	09/10/1999	IM40MB	THALLIUM	3.80	J	UG/L	0.00	10.00	2.00	X
MW-19	W19DDL	02/11/1999	IM40MB	THALLIUM	3.10	J	UG/L	254.00	259.00	2.00	X
MW-2	W02DDD	08/02/2000	IM40MB	THALLIUM	4.90	J	UG/L	218.00	223.00	2.00	X
MW-21	W21SSA	10/24/1997	IM40MB	THALLIUM	6.90	J	UG/L	0.00	10.00	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

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

Tuesday, December 04, 2001

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

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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
95-15	W9515A	10/17/1997	IM40MB	ZINC	7,210.00		UG/L	80.00	92.00	2,000.00	X
95-15	W9515L	10/17/1997	IM40MB	ZINC	4,620.00		UG/L	80.00	92.00	2,000.00	X
LRMW0003	WL31XA	10/21/1997	IM40MB	ZINC	2,480.00		UG/L	102.00	117.00	2,000.00	X
LRMW0003	WL31XL	10/21/1997	IM40MB	ZINC	2,410.00		UG/L	102.00	117.00	2,000.00	X
LRWS4-1	WL41XA	11/24/1997	IM40MB	ZINC	3,220.00		UG/L	66.00	91.00	2,000.00	X
LRWS4-1	WL41XL	11/24/1997	IM40MB	ZINC	3,060.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51DL	11/25/1997	IM40MB	ZINC	4,410.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XA	11/25/1997	IM40MB	ZINC	4,510.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XD	11/25/1997	IM40MB	ZINC	4,390.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XL	11/25/1997	IM40MB	ZINC	3,900.00		UG/L	66.00	91.00	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	11/17/1997	IM40MB	ZINC	3,480.00		UG/L	184.00	199.00	2,000.00	X
LRWS6-1	WL61XL	11/17/1997	IM40MB	ZINC	2,600.00		UG/L	184.00	199.00	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	11/21/1997	IM40MB	ZINC	4,320.00		UG/L	186.00	201.00	2,000.00	X
LRWS7-1	WL71XL	11/21/1997	IM40MB	ZINC	3,750.00		UG/L	186.00	201.00	2,000.00	X
LRWS7-1	WL71XA	01/22/1999	IM40MB	ZINC	4,160.00		UG/L	186.00	201.00	2,000.00	X
LRWS7-1	WL71XL	01/22/1999	IM40MB	ZINC	4,100.00		UG/L	186.00	201.00	2,000.00	X
ASPWELL	ASPWELL	12/12/2000	IM40PB	LEAD	20.90		UG/L	0.00	0.00	15.00	X
MW-41	W41M1A	08/19/1999	OC21B	2,6-DINITROTOLUENE	5.00	J	UG/L	108.00	118.00	5.00	X

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1997 THROUGH NOVEMBER 2001

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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
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

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

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

BWTS = DEPTH BELOW WATER TABLE, START DEPTH, MEASURED IN FEET

BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET

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

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

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

Tuesday, December 04, 2001

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LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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	W142M1A	01/29/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHAL	20.00		UG/L	100.00	110.00	6.00	X
MW-142	W142M2A	01/29/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHAL	11.00		UG/L	100.00	110.00	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

BWTS = DEPTH BELOW WATER TABLE, START DEPTH, MEASURED IN FEET

BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET

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

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 10/16/01-11/30/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W02M2A	MW-2	11/19/2001	GROUNDWATER	170.00	175.00	33.00	38.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W02M2A	MW-2	11/19/2001	GROUNDWATER	170.00	175.00	33.00	38.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W100M1A	MW-100	10/23/2001	GROUNDWATER	179.00	189.00	45.00	55.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W100M1A	MW-100	10/23/2001	GROUNDWATER	179.00	189.00	45.00	55.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W100M1D	MW-100	10/23/2001	GROUNDWATER	179.00	189.00	45.00	55.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W100M1D	MW-100	10/23/2001	GROUNDWATER	179.00	189.00	45.00	55.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W101M1A	MW-101	10/23/2001	GROUNDWATER	158.00	168.00	27.00	37.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W105M1A	MW-105	11/26/2001	GROUNDWATER	205.00	215.00	78.00	88.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W105M2A	MW-105	11/26/2001	GROUNDWATER	165.00	175.00	38.00	48.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W147M1A	MW-147	10/24/2001	GROUNDWATER	167.00	177.00	94.00	104.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W147M1A	MW-147	10/24/2001	GROUNDWATER	167.00	177.00	94.00	104.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W147M2A	MW-147	10/24/2001	GROUNDWATER	150.00	160.00	77.00	87.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W147M2A	MW-147	10/24/2001	GROUNDWATER	150.00	160.00	77.00	87.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W153M1A	MW-153	10/24/2001	GROUNDWATER	199.00	209.00	108.00	118.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W178M1A	MW-178	10/31/2001	GROUNDWATER	257.00	267.00	117.00	127.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W181SSA	MW-181	11/07/2001	GROUNDWATER	32.00	42.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	NO*
W181SSD	MW-181	11/09/2001	GROUNDWATER	32.00	42.00	0.00	10.00	E908	URANIUM-234	
W181SSD	MW-181	11/09/2001	GROUNDWATER	32.00	42.00	0.00	10.00	E908	URANIUM-238	
W98SSA	MW-98	10/24/2001	GROUNDWATER	137.00	147.00	0.00	10.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W99M1A	MW-99	10/23/2001	GROUNDWATER	195.00	205.00	60.00	70.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
WOW-1A	OW-1A	11/15/2001	GROUNDWATER	126.00	136.00	0.70	10.70	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
WOW-1A	OW-1A	11/15/2001	GROUNDWATER	126.00	136.00	0.70	10.70	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
WOW-1A	OW-1A	11/15/2001	GROUNDWATER	126.00	136.00	0.70	10.70	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
WOW-2A	OW-2A	11/14/2001	GROUNDWATER	175.00	185.00	48.78	58.78	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
WOW-6A	OW-6A	11/14/2001	GROUNDWATER	175.00	185.00	46.80	56.80	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
WOW-6A	OW-6A	11/14/2001	GROUNDWATER	175.00	185.00	46.80	56.80	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
PW1DEVINF	GAC WATER	11/29/2001	IDW	0.00	0.00			E314.0	PERCHLORATE	
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	8330N	1,3,5-TRINITROBENZENE	NO
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	8330N	1,3-DINITROBENZENE	NO
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	8330N	2,4-DINITROTOLUENE	NO
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	8330N	NITROGLYCERIN	NO

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.

SBD = SAMPLE COLLECTION BEGIN DEPTH IN FEET BGS

SED = SAMPLE COLLECTION END DEPTH IN FEET BGS

BWTS = DEPTH BELOW WATER TABLE, START DEPTH, MEASURED IN FEET

BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET

PDA/YES = Photo Diode Array, Detect Confirmed

PDA/NO = Photo Diode Array, Detect Not Confirmed

* = Interference in sample

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 10/16/01-11/30/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	8330N	PICRIC ACID	NO
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	OC21V	1,2,4-TRICHLOROBENZENE	
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	OC21V	2-HEXANONE	
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	OC21V	ACETONE	
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	OC21V	CHLOROETHANE	
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	OC21V	CHLOROFORM	
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	OC21V	METHYL ETHYL KETONE (2-BUT/	
G187DAA	MW-187	11/06/2001	PROFILE	110.00	110.00	4.40	4.40	OC21V	METHYL ISOBUTYL KETONE (4-M	
G187DBA	MW-187	11/08/2001	PROFILE	120.00	120.00	14.40	14.40	8330N	NITROGLYCERIN	NO
G187DBA	MW-187	11/08/2001	PROFILE	120.00	120.00	14.40	14.40	OC21V	ACETONE	
G187DBA	MW-187	11/08/2001	PROFILE	120.00	120.00	14.40	14.40	OC21V	BENZENE	
G187DBA	MW-187	11/08/2001	PROFILE	120.00	120.00	14.40	14.40	OC21V	CHLOROETHANE	
G187DBA	MW-187	11/08/2001	PROFILE	120.00	120.00	14.40	14.40	OC21V	CHLOROFORM	
G187DBA	MW-187	11/08/2001	PROFILE	120.00	120.00	14.40	14.40	OC21V	METHYL ETHYL KETONE (2-BUT/	
G187DBA	MW-187	11/08/2001	PROFILE	120.00	120.00	14.40	14.40	OC21V	METHYL ISOBUTYL KETONE (4-M	
G187DBA	MW-187	11/08/2001	PROFILE	120.00	120.00	14.40	14.40	OC21V	TOLUENE	
G187DCA	MW-187	11/08/2001	PROFILE	130.00	130.00	24.40	24.40	8330N	2,4-DIAMINO-6-NITROTOLUENE	YES
G187DCA	MW-187	11/08/2001	PROFILE	130.00	130.00	24.40	24.40	8330N	NITROGLYCERIN	NO
G187DCA	MW-187	11/08/2001	PROFILE	130.00	130.00	24.40	24.40	OC21V	2-HEXANONE	
G187DCA	MW-187	11/08/2001	PROFILE	130.00	130.00	24.40	24.40	OC21V	ACETONE	
G187DCA	MW-187	11/08/2001	PROFILE	130.00	130.00	24.40	24.40	OC21V	CHLOROFORM	
G187DCA	MW-187	11/08/2001	PROFILE	130.00	130.00	24.40	24.40	OC21V	METHYL ETHYL KETONE (2-BUT/	
G187DCA	MW-187	11/08/2001	PROFILE	130.00	130.00	24.40	24.40	OC21V	METHYL ISOBUTYL KETONE (4-M	
G187DDA	MW-187	11/08/2001	PROFILE	140.00	140.00	34.40	34.40	8330N	2,4-DIAMINO-6-NITROTOLUENE	YES
G187DDA	MW-187	11/08/2001	PROFILE	140.00	140.00	34.40	34.40	8330N	NITROGLYCERIN	NO
G187DDA	MW-187	11/08/2001	PROFILE	140.00	140.00	34.40	34.40	OC21V	2-HEXANONE	
G187DDA	MW-187	11/08/2001	PROFILE	140.00	140.00	34.40	34.40	OC21V	ACETONE	
G187DDA	MW-187	11/08/2001	PROFILE	140.00	140.00	34.40	34.40	OC21V	METHYL ETHYL KETONE (2-BUT/	
G187DDA	MW-187	11/08/2001	PROFILE	140.00	140.00	34.40	34.40	OC21V	METHYL ISOBUTYL KETONE (4-M	
G187DEA	MW-187	11/08/2001	PROFILE	150.00	150.00	44.40	44.40	8330N	NITROGLYCERIN	NO
G187DEA	MW-187	11/08/2001	PROFILE	150.00	150.00	44.40	44.40	OC21V	2-HEXANONE	

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 10/16/01-11/30/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G187DEA	MW-187	11/08/2001	PROFILE	150.00	150.00	44.40	44.40	OC21V	ACETONE	
G187DEA	MW-187	11/08/2001	PROFILE	150.00	150.00	44.40	44.40	OC21V	CHLOROFORM	
G187DEA	MW-187	11/08/2001	PROFILE	150.00	150.00	44.40	44.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G187DEA	MW-187	11/08/2001	PROFILE	150.00	150.00	44.40	44.40	OC21V	METHYL ISOBUTYL KETONE (4-M	
G187DFA	MW-187	11/08/2001	PROFILE	160.00	160.00	54.40	54.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G187DFA	MW-187	11/08/2001	PROFILE	160.00	160.00	54.40	54.40	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G187DFA	MW-187	11/08/2001	PROFILE	160.00	160.00	54.40	54.40	OC21V	2-HEXANONE	
G187DFA	MW-187	11/08/2001	PROFILE	160.00	160.00	54.40	54.40	OC21V	ACETONE	
G187DFA	MW-187	11/08/2001	PROFILE	160.00	160.00	54.40	54.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G187DGA	MW-187	11/08/2001	PROFILE	170.00	170.00	64.40	64.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G187DGA	MW-187	11/08/2001	PROFILE	170.00	170.00	64.40	64.40	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G187DGA	MW-187	11/08/2001	PROFILE	170.00	170.00	64.40	64.40	OC21V	ACETONE	
G187DGA	MW-187	11/08/2001	PROFILE	170.00	170.00	64.40	64.40	OC21V	CHLOROFORM	
G187DGA	MW-187	11/08/2001	PROFILE	170.00	170.00	64.40	64.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G187DHA	MW-187	11/08/2001	PROFILE	180.00	180.00	74.40	74.40	OC21V	2-HEXANONE	
G187DHA	MW-187	11/08/2001	PROFILE	180.00	180.00	74.40	74.40	OC21V	ACETONE	
G187DHA	MW-187	11/08/2001	PROFILE	180.00	180.00	74.40	74.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G187DIA	MW-187	11/08/2001	PROFILE	190.00	190.00	84.40	84.40	8330N	NITROGLYCERIN	NO
G187DIA	MW-187	11/08/2001	PROFILE	190.00	190.00	84.40	84.40	OC21V	ACETONE	
G187DIA	MW-187	11/08/2001	PROFILE	190.00	190.00	84.40	84.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G187DJA	MW-187	11/08/2001	PROFILE	200.00	200.00	94.40	94.40	8330N	NITROGLYCERIN	NO
G187DJA	MW-187	11/08/2001	PROFILE	200.00	200.00	94.40	94.40	OC21V	2-HEXANONE	
G187DJA	MW-187	11/08/2001	PROFILE	200.00	200.00	94.40	94.40	OC21V	ACETONE	
G187DJA	MW-187	11/08/2001	PROFILE	200.00	200.00	94.40	94.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G187DKA	MW-187	11/09/2001	PROFILE	210.00	210.00	104.40	104.40	8330N	1,3-DINITROBENZENE	NO
G187DKA	MW-187	11/09/2001	PROFILE	210.00	210.00	104.40	104.40	8330N	PICRIC ACID	NO
G187DKA	MW-187	11/09/2001	PROFILE	210.00	210.00	104.40	104.40	OC21V	ACETONE	
G187DKA	MW-187	11/09/2001	PROFILE	210.00	210.00	104.40	104.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G187DLA	MW-187	11/09/2001	PROFILE	220.00	220.00	114.40	114.40	8330N	NITROGLYCERIN	NO
G187DLA	MW-187	11/09/2001	PROFILE	220.00	220.00	114.40	114.40	OC21V	ACETONE	
G187DLA	MW-187	11/09/2001	PROFILE	220.00	220.00	114.40	114.40	OC21V	METHYL ETHYL KETONE (2-BUTA	

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(UNVALIDATED)
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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G187DLA	MW-187	11/09/2001	PROFILE	220.00	220.00	114.40	114.40	OC21V	TOLUENE	
G187DMA	MW-187	11/09/2001	PROFILE	230.00	230.00	124.40	124.40	8330N	NITROGLYCERIN	NO
G187DMA	MW-187	11/09/2001	PROFILE	230.00	230.00	124.40	124.40	OC21V	2-HEXANONE	
G187DMA	MW-187	11/09/2001	PROFILE	230.00	230.00	124.40	124.40	OC21V	ACETONE	
G187DMA	MW-187	11/09/2001	PROFILE	230.00	230.00	124.40	124.40	OC21V	CHLOROFORM	
G187DMA	MW-187	11/09/2001	PROFILE	230.00	230.00	124.40	124.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G187DNA	MW-187	11/09/2001	PROFILE	240.00	240.00	134.40	134.40	OC21V	2-HEXANONE	
G187DNA	MW-187	11/09/2001	PROFILE	240.00	240.00	134.40	134.40	OC21V	ACETONE	
G187DNA	MW-187	11/09/2001	PROFILE	240.00	240.00	134.40	134.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G187DND	MW-187	11/09/2001	PROFILE	240.00	240.00	134.40	134.40	OC21V	2-HEXANONE	
G187DND	MW-187	11/09/2001	PROFILE	240.00	240.00	134.40	134.40	OC21V	ACETONE	
G187DND	MW-187	11/09/2001	PROFILE	240.00	240.00	134.40	134.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G187DOA	MW-187	11/09/2001	PROFILE	250.00	250.00	144.40	144.40	OC21V	ACETONE	
G187DOA	MW-187	11/09/2001	PROFILE	250.00	250.00	144.40	144.40	OC21V	CHLOROFORM	
G187DOA	MW-187	11/09/2001	PROFILE	250.00	250.00	144.40	144.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G187DOD	MW-187	11/09/2001	PROFILE	250.00	250.00	144.40	144.40	OC21V	ACETONE	
G187DOD	MW-187	11/09/2001	PROFILE	250.00	250.00	144.40	144.40	OC21V	CHLOROFORM	
G187DOD	MW-187	11/09/2001	PROFILE	250.00	250.00	144.40	144.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G187DPA	MW-187	11/09/2001	PROFILE	260.00	260.00	154.40	154.40	OC21V	2-HEXANONE	
G187DPA	MW-187	11/09/2001	PROFILE	260.00	260.00	154.40	154.40	OC21V	ACETONE	
G187DPA	MW-187	11/09/2001	PROFILE	260.00	260.00	154.40	154.40	OC21V	CHLOROFORM	
G187DPA	MW-187	11/09/2001	PROFILE	260.00	260.00	154.40	154.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G187DQA	MW-187	11/09/2001	PROFILE	270.00	270.00	164.40	164.40	OC21V	2-HEXANONE	
G187DQA	MW-187	11/09/2001	PROFILE	270.00	270.00	164.40	164.40	OC21V	ACETONE	
G187DQA	MW-187	11/09/2001	PROFILE	270.00	270.00	164.40	164.40	OC21V	CHLOROFORM	
G187DQA	MW-187	11/09/2001	PROFILE	270.00	270.00	164.40	164.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	8330N	2,4-DIAMINO-6-NITROTOLUENE	YES
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	8330N	2,4-DINITROTOLUENE	NO
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	8330N	2-NITROTOLUENE	NO
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	8330N	3-NITROTOLUENE	NO
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	8330N	4-NITROTOLUENE	NO

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	8330N	NITROGLYCERIN	NO
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	8330N	PICRIC ACID	NO
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	OC21V	2-HEXANONE	
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	OC21V	ACETONE	
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	OC21V	BENZENE	
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	OC21V	CHLOROFORM	
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	OC21V	METHYL ISOBUTYL KETONE (4-M	
G187DRA	MW-187	11/09/2001	PROFILE	280.00	280.00	174.40	174.40	OC21V	TOLUENE	
G187DSA	MW-187	11/13/2001	PROFILE	290.00	290.00	184.40	184.40	8330N	1,3-DINITROBENZENE	NO
G187DSA	MW-187	11/13/2001	PROFILE	290.00	290.00	184.40	184.40	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G187DSA	MW-187	11/13/2001	PROFILE	290.00	290.00	184.40	184.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	NO*
G187DSA	MW-187	11/13/2001	PROFILE	290.00	290.00	184.40	184.40	8330N	PICRIC ACID	NO
G187DSA	MW-187	11/13/2001	PROFILE	290.00	290.00	184.40	184.40	OC21V	ACETONE	
G187DSA	MW-187	11/13/2001	PROFILE	290.00	290.00	184.40	184.40	OC21V	CHLOROFORM	
G187DSA	MW-187	11/13/2001	PROFILE	290.00	290.00	184.40	184.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G187DTA	MW-187	11/13/2001	PROFILE	300.00	300.00	194.40	194.40	8330N	PICRIC ACID	NO
G187DTA	MW-187	11/13/2001	PROFILE	300.00	300.00	194.40	194.40	OC21V	ACETONE	
G187DTA	MW-187	11/13/2001	PROFILE	300.00	300.00	194.40	194.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G187DUA	MW-187	11/13/2001	PROFILE	310.00	310.00	204.40	204.40	8330N	1,3-DINITROBENZENE	NO
G187DUA	MW-187	11/13/2001	PROFILE	310.00	310.00	204.40	204.40	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G187DUA	MW-187	11/13/2001	PROFILE	310.00	310.00	204.40	204.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	NO*
G187DUA	MW-187	11/13/2001	PROFILE	310.00	310.00	204.40	204.40	8330N	NITROGLYCERIN	NO
G187DUA	MW-187	11/13/2001	PROFILE	310.00	310.00	204.40	204.40	8330N	PICRIC ACID	NO
G187DUA	MW-187	11/13/2001	PROFILE	310.00	310.00	204.40	204.40	8330N	TETRYL	NO
G187DUA	MW-187	11/13/2001	PROFILE	310.00	310.00	204.40	204.40	OC21V	ACETONE	
G187DUA	MW-187	11/13/2001	PROFILE	310.00	310.00	204.40	204.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G187DVA	MW-187	11/13/2001	PROFILE	320.00	320.00	214.40	214.40	8330N	1,3,5-TRINITROBENZENE	NO
G187DVA	MW-187	11/13/2001	PROFILE	320.00	320.00	214.40	214.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	NO*
G187DVA	MW-187	11/13/2001	PROFILE	320.00	320.00	214.40	214.40	8330N	PICRIC ACID	NO
G187DVA	MW-187	11/13/2001	PROFILE	320.00	320.00	214.40	214.40	OC21V	ACETONE	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G187DVA	MW-187	11/13/2001	PROFILE	320.00	320.00	214.40	214.40	OC21V	METHYL ETHYL KETONE (2-BUTANOL)	
G188DAA	MW-188	11/07/2001	PROFILE	120.00	120.00	9.50	9.50	8330N	1,3,5-TRINITROBENZENE	NO
G188DAA	MW-188	11/07/2001	PROFILE	120.00	120.00	9.50	9.50	8330N	1,3-DINITROBENZENE	NO
G188DAA	MW-188	11/07/2001	PROFILE	120.00	120.00	9.50	9.50	8330N	4-NITROTOLUENE	NO
G188DAA	MW-188	11/07/2001	PROFILE	120.00	120.00	9.50	9.50	8330N	NITROGLYCERIN	NO
G188DAA	MW-188	11/07/2001	PROFILE	120.00	120.00	9.50	9.50	8330N	PICRIC ACID	NO
G188DAA	MW-188	11/07/2001	PROFILE	120.00	120.00	9.50	9.50	OC21V	ACETONE	
G188DAA	MW-188	11/07/2001	PROFILE	120.00	120.00	9.50	9.50	OC21V	CHLOROFORM	
G188DAA	MW-188	11/07/2001	PROFILE	120.00	120.00	9.50	9.50	OC21V	METHYL ETHYL KETONE (2-BUTANOL)	
G188DBA	MW-188	11/07/2001	PROFILE	130.00	130.00	19.50	19.50	8330N	NITROGLYCERIN	NO
G188DBA	MW-188	11/07/2001	PROFILE	130.00	130.00	19.50	19.50	OC21V	ACETONE	
G188DBA	MW-188	11/07/2001	PROFILE	130.00	130.00	19.50	19.50	OC21V	METHYL ETHYL KETONE (2-BUTANOL)	
G188DCA	MW-188	11/07/2001	PROFILE	140.00	140.00	29.50	29.50	8330N	NITROGLYCERIN	NO
G188DCA	MW-188	11/07/2001	PROFILE	140.00	140.00	29.50	29.50	8330N	PICRIC ACID	NO
G188DCA	MW-188	11/07/2001	PROFILE	140.00	140.00	29.50	29.50	OC21V	ACETONE	
G188DDA	MW-188	11/07/2001	PROFILE	150.00	150.00	39.50	39.50	8330N	NITROGLYCERIN	NO
G188DDA	MW-188	11/07/2001	PROFILE	150.00	150.00	39.50	39.50	OC21V	ACETONE	
G188DEA	MW-188	11/07/2001	PROFILE	160.00	160.00	49.50	49.50	8330N	NITROGLYCERIN	NO
G188DEA	MW-188	11/07/2001	PROFILE	160.00	160.00	49.50	49.50	OC21V	ACETONE	
G188DFA	MW-188	11/07/2001	PROFILE	170.00	170.00	59.50	59.50	8330N	NITROGLYCERIN	NO
G188DGA	MW-188	11/07/2001	PROFILE	180.00	180.00	69.50	69.50	8330N	NITROGLYCERIN	NO
G188DHA	MW-188	11/07/2001	PROFILE	190.00	190.00	79.50	79.50	8330N	1,3,5-TRINITROBENZENE	NO
G188DHA	MW-188	11/07/2001	PROFILE	190.00	190.00	79.50	79.50	8330N	2,6-DINITROTOLUENE	NO
G188DHA	MW-188	11/07/2001	PROFILE	190.00	190.00	79.50	79.50	8330N	4-NITROTOLUENE	NO
G188DHA	MW-188	11/07/2001	PROFILE	190.00	190.00	79.50	79.50	8330N	NITROGLYCERIN	NO
G188DHA	MW-188	11/07/2001	PROFILE	190.00	190.00	79.50	79.50	OC21V	CHLOROFORM	
G188DIA	MW-188	11/07/2001	PROFILE	200.00	200.00	89.50	89.50	OC21V	CHLOROFORM	
G188DLA	MW-188	11/07/2001	PROFILE	230.00	230.00	119.50	119.50	8330N	NITROGLYCERIN	NO
G188DND	MW-188	11/07/2001	PROFILE	250.00	250.00	139.50	139.50	8330N	NITROGLYCERIN	NO
G188DOA	MW-188	11/08/2001	PROFILE	260.00	260.00	149.50	149.50	OC21V	CHLOROFORM	
G188DOD	MW-188	11/08/2001	PROFILE	260.00	260.00	149.50	149.50	OC21V	CHLOROFORM	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G188DPA	MW-188	11/08/2001	PROFILE	270.00	270.00	159.50	159.50	8330N	NITROGLYCERIN	NO
G188DPA	MW-188	11/08/2001	PROFILE	270.00	270.00	159.50	159.50	OC21V	CHLOROFORM	
G188DQA	MW-188	11/08/2001	PROFILE	280.00	280.00	169.50	169.50	OC21V	CHLOROFORM	
G188DRA	MW-188	11/08/2001	PROFILE	290.00	290.00	179.50	179.50	OC21V	CHLOROFORM	
G188DSA	MW-188	11/08/2001	PROFILE	300.00	300.00	189.50	189.50	OC21V	CHLOROFORM	
G188DUA	MW-188	11/08/2001	PROFILE	320.00	320.00	209.50	209.50	OC21V	CHLOROFORM	
G188DVA	MW-188	11/08/2001	PROFILE	327.00	327.00	216.50	216.50	8330N	PICRIC ACID	NO
G188DVA	MW-188	11/08/2001	PROFILE	327.00	327.00	216.50	216.50	OC21V	ACETONE	
G188DVA	MW-188	11/08/2001	PROFILE	327.00	327.00	216.50	216.50	OC21V	CHLOROFORM	
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40	8330N	1,3,5-TRINITROBENZENE	YES
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40	8330N	1,3-DINITROBENZENE	NO
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40	8330N	2,6-DINITROTOLUENE	NO*
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40	8330N	4-NITROTOLUENE	NO
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40	8330N	NITROGLYCERIN	NO
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40	8330N	PICRIC ACID	NO
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40	OC21V	ACETONE	
G189DAA	MW-189	11/09/2001	PROFILE	105.00	105.00	11.40	11.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G189DBA	MW-189	11/09/2001	PROFILE	110.00	110.00	16.40	16.40	8330N	NITROGLYCERIN	NO
G189DBA	MW-189	11/09/2001	PROFILE	110.00	110.00	16.40	16.40	OC21V	ACETONE	
G189DBA	MW-189	11/09/2001	PROFILE	110.00	110.00	16.40	16.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G189DCA	MW-189	11/09/2001	PROFILE	120.00	120.00	26.40	26.40	8330N	NITROGLYCERIN	NO
G189DCA	MW-189	11/09/2001	PROFILE	120.00	120.00	26.40	26.40	OC21V	ACETONE	
G189DCA	MW-189	11/09/2001	PROFILE	120.00	120.00	26.40	26.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G189DDA	MW-189	11/09/2001	PROFILE	130.00	130.00	36.40	36.40	8330N	NITROGLYCERIN	NO
G189DDA	MW-189	11/09/2001	PROFILE	130.00	130.00	36.40	36.40	OC21V	ACETONE	
G189DDA	MW-189	11/09/2001	PROFILE	130.00	130.00	36.40	36.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G189DEA	MW-189	11/09/2001	PROFILE	140.00	140.00	46.40	46.40	OC21V	ACETONE	
G189DEA	MW-189	11/09/2001	PROFILE	140.00	140.00	46.40	46.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G189DFA	MW-189	11/09/2001	PROFILE	150.00	150.00	56.40	56.40	8330N	NITROGLYCERIN	NO
G189DFA	MW-189	11/09/2001	PROFILE	150.00	150.00	56.40	56.40	OC21V	ACETONE	

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TABLE 4
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SAMPLES COLLECTED 10/16/01-11/30/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G189DFA	MW-189	11/09/2001	PROFILE	150.00	150.00	56.40	56.40	OC21V	METHYL ETHYL KETONE (2-BUTANOL)	
G189DGA	MW-189	11/09/2001	PROFILE	160.00	160.00	66.40	66.40	8330N	NITROGLYCERIN	NO
G189DGA	MW-189	11/09/2001	PROFILE	160.00	160.00	66.40	66.40	OC21V	ACETONE	
G189DGA	MW-189	11/09/2001	PROFILE	160.00	160.00	66.40	66.40	OC21V	CHLOROFORM	
G189DGA	MW-189	11/09/2001	PROFILE	160.00	160.00	66.40	66.40	OC21V	METHYL ETHYL KETONE (2-BUTANOL)	
G189DHA	MW-189	11/09/2001	PROFILE	170.00	170.00	76.40	76.40	8330N	NITROGLYCERIN	NO
G189DHA	MW-189	11/09/2001	PROFILE	170.00	170.00	76.40	76.40	OC21V	2-HEXANONE	
G189DHA	MW-189	11/09/2001	PROFILE	170.00	170.00	76.40	76.40	OC21V	ACETONE	
G189DHA	MW-189	11/09/2001	PROFILE	170.00	170.00	76.40	76.40	OC21V	METHYL ETHYL KETONE (2-BUTANOL)	
G189DIA	MW-189	11/09/2001	PROFILE	180.00	180.00	86.40	86.40	8330N	NITROGLYCERIN	NO
G189DIA	MW-189	11/09/2001	PROFILE	180.00	180.00	86.40	86.40	OC21V	ACETONE	
G189DIA	MW-189	11/09/2001	PROFILE	180.00	180.00	86.40	86.40	OC21V	CHLOROFORM	
G189DIA	MW-189	11/09/2001	PROFILE	180.00	180.00	86.40	86.40	OC21V	METHYL ETHYL KETONE (2-BUTANOL)	
G189DJA	MW-189	11/09/2001	PROFILE	190.00	190.00	96.40	96.40	OC21V	ACETONE	
G189DJA	MW-189	11/09/2001	PROFILE	190.00	190.00	96.40	96.40	OC21V	CHLOROFORM	
G189DJA	MW-189	11/09/2001	PROFILE	190.00	190.00	96.40	96.40	OC21V	METHYL ETHYL KETONE (2-BUTANOL)	
G189DKA	MW-189	11/09/2001	PROFILE	200.00	200.00	106.40	106.40	OC21V	ACETONE	
G189DKA	MW-189	11/09/2001	PROFILE	200.00	200.00	106.40	106.40	OC21V	METHYL ETHYL KETONE (2-BUTANOL)	
G189DMA	MW-189	11/13/2001	PROFILE	220.00	220.00	126.40	126.40	OC21V	ACETONE	
G189DMA	MW-189	11/13/2001	PROFILE	220.00	220.00	126.40	126.40	OC21V	METHYL ETHYL KETONE (2-BUTANOL)	
G189DOA	MW-189	11/13/2001	PROFILE	240.00	240.00	146.40	146.40	OC21V	CHLOROFORM	
G189DPA	MW-189	11/13/2001	PROFILE	250.00	250.00	156.40	156.40	OC21V	ACETONE	
G189DPA	MW-189	11/13/2001	PROFILE	250.00	250.00	156.40	156.40	OC21V	CHLOROFORM	
G189DPA	MW-189	11/13/2001	PROFILE	250.00	250.00	156.40	156.40	OC21V	METHYL ETHYL KETONE (2-BUTANOL)	
G189DPD	MW-189	11/13/2001	PROFILE	250.00	250.00	156.40	156.40	OC21V	ACETONE	
G189DPD	MW-189	11/13/2001	PROFILE	250.00	250.00	156.40	156.40	OC21V	METHYL ETHYL KETONE (2-BUTANOL)	
G189DQA	MW-189	11/13/2001	PROFILE	260.00	260.00	166.40	166.40	OC21V	ACETONE	
G189DQA	MW-189	11/13/2001	PROFILE	260.00	260.00	166.40	166.40	OC21V	CHLOROFORM	
G189DRA	MW-189	11/13/2001	PROFILE	270.00	270.00	176.40	176.40	OC21V	CHLOROFORM	
G189DSA	MW-189	11/13/2001	PROFILE	280.00	280.00	186.40	186.40	OC21V	CHLOROFORM	
G189DTA	MW-189	11/14/2001	PROFILE	290.00	290.00	196.40	196.40	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO

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DETECTED COMPOUNDS IN RUSH DATA
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SAMPLES COLLECTED 10/16/01-11/30/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G189DTA	MW-189	11/14/2001	PROFILE	290.00	290.00	196.40	196.40	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G189DTA	MW-189	11/14/2001	PROFILE	290.00	290.00	196.40	196.40	8330N	3-NITROTOLUENE	NO
G189DTA	MW-189	11/14/2001	PROFILE	290.00	290.00	196.40	196.40	8330N	4-NITROTOLUENE	NO
G189DTA	MW-189	11/14/2001	PROFILE	290.00	290.00	196.40	196.40	8330N	NITROGLYCERIN	NO
G189DTA	MW-189	11/14/2001	PROFILE	290.00	290.00	196.40	196.40	OC21V	ACETONE	
G189DTA	MW-189	11/14/2001	PROFILE	290.00	290.00	196.40	196.40	OC21V	METHYL ETHYL KETONE (2-BUTA	
G190DAA	MW-190	11/09/2001	PROFILE	110.00	110.00	9.90	9.90	8330N	NITROGLYCERIN	NO
G190DAA	MW-190	11/09/2001	PROFILE	110.00	110.00	9.90	9.90	OC21V	ACETONE	
G190DAA	MW-190	11/09/2001	PROFILE	110.00	110.00	9.90	9.90	OC21V	CHLOROFORM	
G190DAA	MW-190	11/09/2001	PROFILE	110.00	110.00	9.90	9.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G190DBA	MW-190	11/09/2001	PROFILE	120.00	120.00	19.90	19.90	8330N	NITROGLYCERIN	NO
G190DBA	MW-190	11/09/2001	PROFILE	120.00	120.00	19.90	19.90	OC21V	ACETONE	
G190DBA	MW-190	11/09/2001	PROFILE	120.00	120.00	19.90	19.90	OC21V	CHLOROFORM	
G190DBA	MW-190	11/09/2001	PROFILE	120.00	120.00	19.90	19.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G190DBD	MW-190	11/09/2001	PROFILE	120.00	120.00	19.90	19.90	8330N	NITROGLYCERIN	NO
G190DBD	MW-190	11/09/2001	PROFILE	120.00	120.00	19.90	19.90	OC21V	ACETONE	
G190DBD	MW-190	11/09/2001	PROFILE	120.00	120.00	19.90	19.90	OC21V	CHLOROFORM	
G190DBD	MW-190	11/09/2001	PROFILE	120.00	120.00	19.90	19.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G190DCA	MW-190	11/09/2001	PROFILE	130.00	130.00	29.90	29.90	OC21V	ACETONE	
G190DCA	MW-190	11/09/2001	PROFILE	130.00	130.00	29.90	29.90	OC21V	CHLOROFORM	
G190DCA	MW-190	11/09/2001	PROFILE	130.00	130.00	29.90	29.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G190DDA	MW-190	11/09/2001	PROFILE	140.00	140.00	39.90	39.90	OC21V	ACETONE	
G190DDA	MW-190	11/09/2001	PROFILE	140.00	140.00	39.90	39.90	OC21V	CHLOROFORM	
G190DDA	MW-190	11/09/2001	PROFILE	140.00	140.00	39.90	39.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	8330N	1,3-DINITROBENZENE	NO
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	8330N	NITROGLYCERIN	NO
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	8330N	PICRIC ACID	NO
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	8330N	TETRYL	NO
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	OC21V	ACETONE	
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	OC21V	CHLOROETHANE	

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SAMPLES COLLECTED 10/16/01-11/30/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	OC21V	CHLOROFORM	
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	OC21V	CHLOROMETHANE	
G190DEA	MW-190	11/13/2001	PROFILE	150.00	150.00	49.90	49.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G190DFA	MW-190	11/13/2001	PROFILE	160.00	160.00	59.90	59.90	OC21V	ACETONE	
G190DFA	MW-190	11/13/2001	PROFILE	160.00	160.00	59.90	59.90	OC21V	CHLOROFORM	
G190DFA	MW-190	11/13/2001	PROFILE	160.00	160.00	59.90	59.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G190DGA	MW-190	11/13/2001	PROFILE	170.00	170.00	69.90	69.90	OC21V	ACETONE	
G190DGA	MW-190	11/13/2001	PROFILE	170.00	170.00	69.90	69.90	OC21V	CHLOROFORM	
G190DGA	MW-190	11/13/2001	PROFILE	170.00	170.00	69.90	69.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G190DHA	MW-190	11/13/2001	PROFILE	180.00	180.00	79.90	79.90	OC21V	ACETONE	
G190DHA	MW-190	11/13/2001	PROFILE	180.00	180.00	79.90	79.90	OC21V	CHLOROFORM	
G190DIA	MW-190	11/13/2001	PROFILE	190.00	190.00	89.90	89.90	OC21V	ACETONE	
G190DIA	MW-190	11/13/2001	PROFILE	190.00	190.00	89.90	89.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G190DJA	MW-190	11/13/2001	PROFILE	200.00	200.00	99.90	99.90	OC21V	ACETONE	
G190DJA	MW-190	11/13/2001	PROFILE	200.00	200.00	99.90	99.90	OC21V	CHLOROFORM	
G190DJA	MW-190	11/13/2001	PROFILE	200.00	200.00	99.90	99.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G190DKA	MW-190	11/13/2001	PROFILE	210.00	210.00	109.90	109.90	OC21V	ACETONE	
G190DKA	MW-190	11/13/2001	PROFILE	210.00	210.00	109.90	109.90	OC21V	CHLOROFORM	
G190DKA	MW-190	11/13/2001	PROFILE	210.00	210.00	109.90	109.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G190DLA	MW-190	11/13/2001	PROFILE	220.00	220.00	119.90	119.90	OC21V	ACETONE	
G190DLA	MW-190	11/13/2001	PROFILE	220.00	220.00	119.90	119.90	OC21V	CHLOROFORM	
G190DLA	MW-190	11/13/2001	PROFILE	220.00	220.00	119.90	119.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G190DMA	MW-190	11/13/2001	PROFILE	230.00	230.00	129.90	129.90	OC21V	ACETONE	
G190DMA	MW-190	11/13/2001	PROFILE	230.00	230.00	129.90	129.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G190DNA	MW-190	11/14/2001	PROFILE	240.00	240.00	139.90	139.90	OC21V	ACETONE	
G190DNA	MW-190	11/14/2001	PROFILE	240.00	240.00	139.90	139.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G190DND	MW-190	11/14/2001	PROFILE	240.00	240.00	139.90	139.90	OC21V	ACETONE	
G190DND	MW-190	11/14/2001	PROFILE	240.00	240.00	139.90	139.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G190DOA	MW-190	11/14/2001	PROFILE	250.00	250.00	149.90	149.90	OC21V	ACETONE	
G190DOA	MW-190	11/14/2001	PROFILE	250.00	250.00	149.90	149.90	OC21V	METHYL ETHYL KETONE (2-BUTA	
G190DOD	MW-190	11/14/2001	PROFILE	250.00	250.00	149.90	149.90	OC21V	ACETONE	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G191DBA	MW-191	11/19/2001	PROFILE	120.00	120.00	11.20	11.20	8330N	NITROGLYCERIN	NO
G191DBA	MW-191	11/19/2001	PROFILE	120.00	120.00	11.20	11.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G191DBA	MW-191	11/19/2001	PROFILE	120.00	120.00	11.20	11.20	8330N	PICRIC ACID	NO
G191DBA	MW-191	11/19/2001	PROFILE	120.00	120.00	11.20	11.20	OC21V	ACETONE	
G191DBA	MW-191	11/19/2001	PROFILE	120.00	120.00	11.20	11.20	OC21V	BENZENE	
G191DBA	MW-191	11/19/2001	PROFILE	120.00	120.00	11.20	11.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G191DCA	MW-191	11/19/2001	PROFILE	130.00	130.00	21.20	21.20	8330N	3-NITROTOLUENE	NO
G191DCA	MW-191	11/19/2001	PROFILE	130.00	130.00	21.20	21.20	8330N	4-NITROTOLUENE	NO
G191DCA	MW-191	11/19/2001	PROFILE	130.00	130.00	21.20	21.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES+
G191DCA	MW-191	11/19/2001	PROFILE	130.00	130.00	21.20	21.20	8330N	NITROGLYCERIN	NO
G191DCA	MW-191	11/19/2001	PROFILE	130.00	130.00	21.20	21.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G191DCD	MW-191	11/19/2001	PROFILE	130.00	130.00	21.20	21.20	8330N	1,3,5-TRINITROBENZENE	YES+
G191DCD	MW-191	11/19/2001	PROFILE	130.00	130.00	21.20	21.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
G191DCD	MW-191	11/19/2001	PROFILE	130.00	130.00	21.20	21.20	8330N	NITROGLYCERIN	NO
G191DCD	MW-191	11/19/2001	PROFILE	130.00	130.00	21.20	21.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G191DDA	MW-191	11/19/2001	PROFILE	140.00	140.00	31.20	31.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
G191DDA	MW-191	11/19/2001	PROFILE	140.00	140.00	31.20	31.20	8330N	NITROGLYCERIN	NO
G191DDA	MW-191	11/19/2001	PROFILE	140.00	140.00	31.20	31.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G191DDA	MW-191	11/19/2001	PROFILE	140.00	140.00	31.20	31.20	OC21V	ACETONE	
G191DEA	MW-191	11/19/2001	PROFILE	150.00	150.00	41.20	41.20	8330N	1,3,5-TRINITROBENZENE	YES+
G191DEA	MW-191	11/19/2001	PROFILE	150.00	150.00	41.20	41.20	8330N	1,3-DINITROBENZENE	NO
G191DEA	MW-191	11/19/2001	PROFILE	150.00	150.00	41.20	41.20	8330N	3-NITROTOLUENE	NO
G191DEA	MW-191	11/19/2001	PROFILE	150.00	150.00	41.20	41.20	8330N	4-NITROTOLUENE	NO
G191DEA	MW-191	11/19/2001	PROFILE	150.00	150.00	41.20	41.20	8330N	NITROGLYCERIN	NO
G191DEA	MW-191	11/19/2001	PROFILE	150.00	150.00	41.20	41.20	OC21V	ACETONE	
G191DEA	MW-191	11/19/2001	PROFILE	150.00	150.00	41.20	41.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G191DGA	MW-191	11/19/2001	PROFILE	170.00	170.00	61.20	61.20	8330N	NITROGLYCERIN	NO
G191DIA	MW-191	11/20/2001	PROFILE	190.00	190.00	81.20	81.20	8330N	NITROGLYCERIN	NO
G191DIA	MW-191	11/20/2001	PROFILE	190.00	190.00	81.20	81.20	OC21V	ACETONE	
G191DID	MW-191	11/20/2001	PROFILE	190.00	190.00	81.20	81.20	8330N	1,3-DINITROBENZENE	NO
G191DID	MW-191	11/20/2001	PROFILE	190.00	190.00	81.20	81.20	8330N	NITROGLYCERIN	NO

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 10/16/01-11/30/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G191DID	MW-191	11/20/2001	PROFILE	190.00	190.00	81.20	81.20	OC21V	ACETONE	
G191DJA	MW-191	11/20/2001	PROFILE	200.00	200.00	91.20	91.20	OC21V	ACETONE	
G191DJA	MW-191	11/20/2001	PROFILE	200.00	200.00	91.20	91.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G191DKA	MW-191	11/20/2001	PROFILE	210.00	210.00	101.20	101.20	8330N	NITROGLYCERIN	NO
G191DKA	MW-191	11/20/2001	PROFILE	210.00	210.00	101.20	101.20	OC21V	ACETONE	
G191DKA	MW-191	11/20/2001	PROFILE	210.00	210.00	101.20	101.20	OC21V	CHLOROFORM	
G191DKA	MW-191	11/20/2001	PROFILE	210.00	210.00	101.20	101.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G191DLA	MW-191	11/20/2001	PROFILE	220.00	220.00	111.20	111.20	OC21V	CHLOROFORM	
G191DMA	MW-191	11/20/2001	PROFILE	230.00	230.00	121.20	121.20	OC21V	CHLOROFORM	
G191DNA	MW-191	11/20/2001	PROFILE	240.00	240.00	131.20	131.20	OC21V	CHLOROFORM	
G191DNA	MW-191	11/20/2001	PROFILE	240.00	240.00	131.20	131.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G191DOA	MW-191	11/20/2001	PROFILE	250.00	250.00	141.20	141.20	OC21V	ACETONE	
G191DOA	MW-191	11/20/2001	PROFILE	250.00	250.00	141.20	141.20	OC21V	CHLOROFORM	
G191DOA	MW-191	11/20/2001	PROFILE	250.00	250.00	141.20	141.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G191DPA	MW-191	11/20/2001	PROFILE	260.00	260.00	151.20	151.20	OC21V	CHLOROFORM	
G191DPA	MW-191	11/20/2001	PROFILE	260.00	260.00	151.20	151.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G191DPD	MW-191	11/20/2001	PROFILE	260.00	260.00	151.20	151.20	OC21V	CHLOROFORM	
G191DPD	MW-191	11/20/2001	PROFILE	260.00	260.00	151.20	151.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G191DRA	MW-191	11/20/2001	PROFILE	280.00	280.00	171.20	171.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G191DSA	MW-191	11/20/2001	PROFILE	290.00	290.00	181.20	181.20	8330N	NITROGLYCERIN	NO
G191DSA	MW-191	11/20/2001	PROFILE	290.00	290.00	181.20	181.20	OC21V	ACETONE	
G191DSA	MW-191	11/20/2001	PROFILE	290.00	290.00	181.20	181.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G191DTA	MW-191	11/20/2001	PROFILE	300.00	300.00	191.20	191.20	OC21V	ACETONE	
G191DTA	MW-191	11/20/2001	PROFILE	300.00	300.00	191.20	191.20	OC21V	CHLOROFORM	
G191DUA	MW-191	11/20/2001	PROFILE	310.00	310.00	201.20	201.20	OC21V	ACETONE	
G191DVA	MW-191	11/20/2001	PROFILE	318.00	318.00	209.20	209.20	8330N	NITROGLYCERIN	NO
G191DVA	MW-191	11/20/2001	PROFILE	318.00	318.00	209.20	209.20	OC21V	ACETONE	
G191DVA	MW-191	11/20/2001	PROFILE	318.00	318.00	209.20	209.20	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DAA	MW-192	11/26/2001	PROFILE	120.00	120.00	10.30	10.30	8330N	1,3,5-TRINITROBENZENE	NO
G192DAA	MW-192	11/26/2001	PROFILE	120.00	120.00	10.30	10.30	8330N	1,3-DINITROBENZENE	NO
G192DAA	MW-192	11/26/2001	PROFILE	120.00	120.00	10.30	10.30	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
G192DAA	MW-192	11/26/2001	PROFILE	120.00	120.00	10.30	10.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO
G192DAA	MW-192	11/26/2001	PROFILE	120.00	120.00	10.30	10.30	8330N	NITROBENZENE	NO
G192DAA	MW-192	11/26/2001	PROFILE	120.00	120.00	10.30	10.30	8330N	NITROGLYCERIN	NO
G192DAA	MW-192	11/26/2001	PROFILE	120.00	120.00	10.30	10.30	OC21V	2-CHLOROETHYL VINYL ETHER	
G192DAA	MW-192	11/26/2001	PROFILE	120.00	120.00	10.30	10.30	OC21V	2-HEXANONE	
G192DAA	MW-192	11/26/2001	PROFILE	120.00	120.00	10.30	10.30	OC21V	ACETONE	
G192DAA	MW-192	11/26/2001	PROFILE	120.00	120.00	10.30	10.30	OC21V	BROMOMETHANE	
G192DAA	MW-192	11/26/2001	PROFILE	120.00	120.00	10.30	10.30	OC21V	CARBON DISULFIDE	
G192DAA	MW-192	11/26/2001	PROFILE	120.00	120.00	10.30	10.30	OC21V	CHLOROMETHANE	
G192DAA	MW-192	11/26/2001	PROFILE	120.00	120.00	10.30	10.30	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G192DAA	MW-192	11/26/2001	PROFILE	120.00	120.00	10.30	10.30	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	
G192DAA	MW-192	11/26/2001	PROFILE	120.00	120.00	10.30	10.30	OC21V	VINYL CHLORIDE	
G192DBA	MW-192	11/26/2001	PROFILE	130.00	130.00	20.30	20.30	8330N	1,3,5-TRINITROBENZENE	NO
G192DBA	MW-192	11/26/2001	PROFILE	130.00	130.00	20.30	20.30	8330N	1,3-DINITROBENZENE	NO
G192DBA	MW-192	11/26/2001	PROFILE	130.00	130.00	20.30	20.30	8330N	2,4-DINITROTOLUENE	NO
G192DBA	MW-192	11/26/2001	PROFILE	130.00	130.00	20.30	20.30	8330N	2,6-DINITROTOLUENE	NO
G192DBA	MW-192	11/26/2001	PROFILE	130.00	130.00	20.30	20.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO
G192DBA	MW-192	11/26/2001	PROFILE	130.00	130.00	20.30	20.30	8330N	NITROBENZENE	NO
G192DBA	MW-192	11/26/2001	PROFILE	130.00	130.00	20.30	20.30	8330N	NITROGLYCERIN	NO
G192DBA	MW-192	11/26/2001	PROFILE	130.00	130.00	20.30	20.30	8330N	PICRIC ACID	NO
G192DBA	MW-192	11/26/2001	PROFILE	130.00	130.00	20.30	20.30	OC21V	2-HEXANONE	
G192DBA	MW-192	11/26/2001	PROFILE	130.00	130.00	20.30	20.30	OC21V	ACETONE	
G192DBA	MW-192	11/26/2001	PROFILE	130.00	130.00	20.30	20.30	OC21V	CHLOROETHANE	
G192DBA	MW-192	11/26/2001	PROFILE	130.00	130.00	20.30	20.30	OC21V	CHLOROFORM	
G192DBA	MW-192	11/26/2001	PROFILE	130.00	130.00	20.30	20.30	OC21V	CHLOROMETHANE	
G192DBA	MW-192	11/26/2001	PROFILE	130.00	130.00	20.30	20.30	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G192DBA	MW-192	11/26/2001	PROFILE	130.00	130.00	20.30	20.30	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	
G192DBA	MW-192	11/26/2001	PROFILE	130.00	130.00	20.30	20.30	OC21V	VINYL CHLORIDE	
G192DCA	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	8330N	2,4,6-TRINITROTOLUENE	NO
G192DCA	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	8330N	2,4-DIAMINO-6-NITROTOLUENE	YES
G192DCA	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	8330N	2,4-DINITROTOLUENE	NO

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G192DCA	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO
G192DCA	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	8330N	NITROBENZENE	NO
G192DCA	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	8330N	NITROGLYCERIN	NO
G192DCA	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	8330N	PICRIC ACID	NO
G192DCA	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	OC21V	2-HEXANONE	
G192DCA	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	OC21V	ACETONE	
G192DCA	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	OC21V	BENZENE	
G192DCA	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	OC21V	CHLOROETHANE	
G192DCA	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	OC21V	CHLOROFORM	
G192DCA	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G192DCA	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	OC21V	TOLUENE	
G192DCA	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	OC21V	VINYL CHLORIDE	
G192DCD	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	8330N	2,4,6-TRINITROTOLUENE	NO
G192DCD	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G192DCD	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	8330N	2,4-DINITROTOLUENE	NO
G192DCD	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	8330N	2,6-DINITROTOLUENE	NO
G192DCD	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO
G192DCD	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	8330N	NITROBENZENE	NO
G192DCD	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	8330N	NITROGLYCERIN	NO
G192DCD	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	8330N	PENTAERYTHRITOL TETRANITRATE	NO
G192DCD	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	8330N	PICRIC ACID	NO
G192DCD	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	OC21V	2-HEXANONE	
G192DCD	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	OC21V	ACETONE	
G192DCD	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	OC21V	BENZENE	
G192DCD	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	OC21V	CHLOROFORM	
G192DCD	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	
G192DCD	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	
G192DCD	MW-192	11/26/2001	PROFILE	140.00	140.00	30.30	30.30	OC21V	TOLUENE	
G192DDA	MW-192	11/26/2001	PROFILE	150.00	150.00	40.30	40.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	NO
G192DDA	MW-192	11/26/2001	PROFILE	150.00	150.00	40.30	40.30	8330N	NITROGLYCERIN	NO
G192DDA	MW-192	11/26/2001	PROFILE	150.00	150.00	40.30	40.30	OC21V	2-HEXANONE	

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G192DDA	MW-192	11/26/2001	PROFILE	150.00	150.00	40.30	40.30	OC21V	ACETONE	
G192DDA	MW-192	11/26/2001	PROFILE	150.00	150.00	40.30	40.30	OC21V	CHLOROFORM	
G192DDA	MW-192	11/26/2001	PROFILE	150.00	150.00	40.30	40.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DEA	MW-192	11/26/2001	PROFILE	160.00	160.00	50.30	50.30	OC21V	ACETONE	
G192DEA	MW-192	11/26/2001	PROFILE	160.00	160.00	50.30	50.30	OC21V	CHLOROFORM	
G192DEA	MW-192	11/26/2001	PROFILE	160.00	160.00	50.30	50.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DFA	MW-192	11/26/2001	PROFILE	170.00	170.00	60.30	60.30	8330N	2,6-DINITROTOLUENE	NO
G192DFA	MW-192	11/26/2001	PROFILE	170.00	170.00	60.30	60.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	NO
G192DFA	MW-192	11/26/2001	PROFILE	170.00	170.00	60.30	60.30	8330N	NITROGLYCERIN	NO
G192DFA	MW-192	11/26/2001	PROFILE	170.00	170.00	60.30	60.30	OC21V	2-HEXANONE	
G192DFA	MW-192	11/26/2001	PROFILE	170.00	170.00	60.30	60.30	OC21V	ACETONE	
G192DFA	MW-192	11/26/2001	PROFILE	170.00	170.00	60.30	60.30	OC21V	CHLOROETHANE	
G192DFA	MW-192	11/26/2001	PROFILE	170.00	170.00	60.30	60.30	OC21V	CHLOROFORM	
G192DFA	MW-192	11/26/2001	PROFILE	170.00	170.00	60.30	60.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DFD	MW-192	11/26/2001	PROFILE	170.00	170.00	60.30	60.30	8330N	2,6-DINITROTOLUENE	NO
G192DFD	MW-192	11/26/2001	PROFILE	170.00	170.00	60.30	60.30	8330N	NITROGLYCERIN	NO
G192DFD	MW-192	11/26/2001	PROFILE	170.00	170.00	60.30	60.30	8330N	PICRIC ACID	NO
G192DFD	MW-192	11/26/2001	PROFILE	170.00	170.00	60.30	60.30	OC21V	2-HEXANONE	
G192DFD	MW-192	11/26/2001	PROFILE	170.00	170.00	60.30	60.30	OC21V	ACETONE	
G192DFD	MW-192	11/26/2001	PROFILE	170.00	170.00	60.30	60.30	OC21V	CHLOROFORM	
G192DFD	MW-192	11/26/2001	PROFILE	170.00	170.00	60.30	60.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DGA	MW-192	11/26/2001	PROFILE	180.00	180.00	70.30	70.30	8330N	NITROGLYCERIN	NO
G192DGA	MW-192	11/26/2001	PROFILE	180.00	180.00	70.30	70.30	OC21V	2-HEXANONE	
G192DGA	MW-192	11/26/2001	PROFILE	180.00	180.00	70.30	70.30	OC21V	ACETONE	
G192DGA	MW-192	11/26/2001	PROFILE	180.00	180.00	70.30	70.30	OC21V	CHLOROFORM	
G192DGA	MW-192	11/26/2001	PROFILE	180.00	180.00	70.30	70.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DHA	MW-192	11/26/2001	PROFILE	190.00	190.00	80.30	80.30	8330N	2,4-DIAMINO-6-NITROTOLUENE	YES
G192DHA	MW-192	11/26/2001	PROFILE	190.00	190.00	80.30	80.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	NO
G192DHA	MW-192	11/26/2001	PROFILE	190.00	190.00	80.30	80.30	8330N	NITROGLYCERIN	NO
G192DHA	MW-192	11/26/2001	PROFILE	190.00	190.00	80.30	80.30	OC21V	2-HEXANONE	
G192DHA	MW-192	11/26/2001	PROFILE	190.00	190.00	80.30	80.30	OC21V	ACETONE	

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G192DHA	MW-192	11/26/2001	PROFILE	190.00	190.00	80.30	80.30	OC21V	CHLOROETHANE	
G192DHA	MW-192	11/26/2001	PROFILE	190.00	190.00	80.30	80.30	OC21V	CHLOROFORM	
G192DHA	MW-192	11/26/2001	PROFILE	190.00	190.00	80.30	80.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DHA	MW-192	11/26/2001	PROFILE	190.00	190.00	80.30	80.30	OC21V	METHYL ISOBUTYL KETONE (4-M	
G192DIA	MW-192	11/26/2001	PROFILE	200.00	200.00	90.30	90.30	8330N	1,3-DINITROBENZENE	NO
G192DIA	MW-192	11/26/2001	PROFILE	200.00	200.00	90.30	90.30	8330N	2,6-DINITROTOLUENE	NO
G192DIA	MW-192	11/26/2001	PROFILE	200.00	200.00	90.30	90.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	NO
G192DIA	MW-192	11/26/2001	PROFILE	200.00	200.00	90.30	90.30	8330N	NITROGLYCERIN	NO
G192DIA	MW-192	11/26/2001	PROFILE	200.00	200.00	90.30	90.30	8330N	PICRIC ACID	NO
G192DIA	MW-192	11/26/2001	PROFILE	200.00	200.00	90.30	90.30	OC21V	2-HEXANONE	
G192DIA	MW-192	11/26/2001	PROFILE	200.00	200.00	90.30	90.30	OC21V	ACETONE	
G192DIA	MW-192	11/26/2001	PROFILE	200.00	200.00	90.30	90.30	OC21V	CHLOROETHANE	
G192DIA	MW-192	11/26/2001	PROFILE	200.00	200.00	90.30	90.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DIA	MW-192	11/26/2001	PROFILE	200.00	200.00	90.30	90.30	OC21V	METHYL ISOBUTYL KETONE (4-M	
G192DJA	MW-192	11/26/2001	PROFILE	210.00	210.00	100.30	100.30	8330N	2,6-DINITROTOLUENE	NO
G192DJA	MW-192	11/26/2001	PROFILE	210.00	210.00	100.30	100.30	8330N	NITROGLYCERIN	NO
G192DJA	MW-192	11/26/2001	PROFILE	210.00	210.00	100.30	100.30	OC21V	2-HEXANONE	
G192DJA	MW-192	11/26/2001	PROFILE	210.00	210.00	100.30	100.30	OC21V	ACETONE	
G192DJA	MW-192	11/26/2001	PROFILE	210.00	210.00	100.30	100.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DKA	MW-192	11/26/2001	PROFILE	220.00	220.00	110.30	110.30	OC21V	ACETONE	
G192DKA	MW-192	11/26/2001	PROFILE	220.00	220.00	110.30	110.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DLA	MW-192	11/26/2001	PROFILE	230.00	230.00	120.30	120.30	OC21V	ACETONE	
G192DLA	MW-192	11/26/2001	PROFILE	230.00	230.00	120.30	120.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DMA	MW-192	11/27/2001	PROFILE	240.00	240.00	130.30	130.30	OC21V	ACETONE	
G192DMA	MW-192	11/27/2001	PROFILE	240.00	240.00	130.30	130.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DNA	MW-192	11/27/2001	PROFILE	250.00	250.00	140.30	140.30	OC21V	ACETONE	
G192DNA	MW-192	11/27/2001	PROFILE	250.00	250.00	140.30	140.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DND	MW-192	11/27/2001	PROFILE	250.00	250.00	140.30	140.30	OC21V	ACETONE	
G192DND	MW-192	11/27/2001	PROFILE	250.00	250.00	140.30	140.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DOA	MW-192	11/27/2001	PROFILE	260.00	260.00	150.30	150.30	OC21V	2-HEXANONE	
G192DOA	MW-192	11/27/2001	PROFILE	260.00	260.00	150.30	150.30	OC21V	ACETONE	

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BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET

PDA/YES = Photo Diode Array, Detect Confirmed

PDA/NO = Photo Diode Array, Detect Not Confirmed

* = Interference in sample

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 10/16/01-11/30/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G192DOA	MW-192	11/27/2001	PROFILE	260.00	260.00	150.30	150.30	OC21V	CHLOROETHANE	
G192DOA	MW-192	11/27/2001	PROFILE	260.00	260.00	150.30	150.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DPA	MW-192	11/27/2001	PROFILE	270.00	270.00	160.30	160.30	8330N	NITROGLYCERIN	NO
G192DPA	MW-192	11/27/2001	PROFILE	270.00	270.00	160.30	160.30	OC21V	ACETONE	
G192DPA	MW-192	11/27/2001	PROFILE	270.00	270.00	160.30	160.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DPD	MW-192	11/27/2001	PROFILE	270.00	270.00	160.30	160.30	OC21V	ACETONE	
G192DPD	MW-192	11/27/2001	PROFILE	270.00	270.00	160.30	160.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DQA	MW-192	11/27/2001	PROFILE	280.00	280.00	170.30	170.30	OC21V	ACETONE	
G192DQA	MW-192	11/27/2001	PROFILE	280.00	280.00	170.30	170.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DRA	MW-192	11/27/2001	PROFILE	290.00	290.00	180.30	180.30	8330N	NITROGLYCERIN	NO
G192DRA	MW-192	11/27/2001	PROFILE	290.00	290.00	180.30	180.30	OC21V	1,2,4-TRICHLOROBENZENE	
G192DRA	MW-192	11/27/2001	PROFILE	290.00	290.00	180.30	180.30	OC21V	ACETONE	
G192DRA	MW-192	11/27/2001	PROFILE	290.00	290.00	180.30	180.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DSA	MW-192	11/27/2001	PROFILE	300.00	300.00	190.30	190.30	OC21V	ACETONE	
G192DSA	MW-192	11/27/2001	PROFILE	300.00	300.00	190.30	190.30	OC21V	CHLOROFORM	
G192DSA	MW-192	11/27/2001	PROFILE	300.00	300.00	190.30	190.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DTA	MW-192	11/27/2001	PROFILE	310.00	310.00	200.30	200.30	OC21V	ACETONE	
G192DTA	MW-192	11/27/2001	PROFILE	310.00	310.00	200.30	200.30	OC21V	CHLOROFORM	
G192DTA	MW-192	11/27/2001	PROFILE	310.00	310.00	200.30	200.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DTD	MW-192	11/27/2001	PROFILE	310.00	310.00	200.30	200.30	OC21V	ACETONE	
G192DTD	MW-192	11/27/2001	PROFILE	310.00	310.00	200.30	200.30	OC21V	CHLOROFORM	
G192DTD	MW-192	11/27/2001	PROFILE	310.00	310.00	200.30	200.30	OC21V	METHYL ETHYL KETONE (2-BUTA	
G192DUA	MW-192	11/27/2001	PROFILE	320.00	320.00	210.30	210.30	8330N	NITROGLYCERIN	NO
G192DUA	MW-192	11/27/2001	PROFILE	320.00	320.00	210.30	210.30	OC21V	ACETONE	
G196DAA	MW-196	11/26/2001	PROFILE	35.00	40.00	2.20	7.20	8330N	2,4,6-TRINITROTOLUENE	YES
G196DAA	MW-196	11/26/2001	PROFILE	35.00	40.00	2.20	7.20	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
G196DAA	MW-196	11/26/2001	PROFILE	35.00	40.00	2.20	7.20	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
G196DAA	MW-196	11/26/2001	PROFILE	35.00	40.00	2.20	7.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G196DAA	MW-196	11/26/2001	PROFILE	35.00	40.00	2.20	7.20	OC21V	1,1,1-TRICHLOROETHANE	
G196DAA	MW-196	11/26/2001	PROFILE	35.00	40.00	2.20	7.20	OC21V	ACETONE	
G196DAA	MW-196	11/26/2001	PROFILE	35.00	40.00	2.20	7.20	OC21V	CARBON DISULFIDE	

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PDA/NO = Photo Diode Array, Detect Not Confirmed

* = Interference in sample

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 10/16/01-11/30/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G196DAA	MW-196	11/26/2001	PROFILE	35.00	40.00	2.20	7.20	OC21V	CHLOROFORM	
G196DAA	MW-196	11/26/2001	PROFILE	35.00	40.00	2.20	7.20	OC21V	TOLUENE	
G196DBA	MW-196	11/26/2001	PROFILE	45.00	50.00	12.20	17.20	8330N	2,4,6-TRINITROTOLUENE	YES
G196DBA	MW-196	11/26/2001	PROFILE	45.00	50.00	12.20	17.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G196DBA	MW-196	11/26/2001	PROFILE	45.00	50.00	12.20	17.20	OC21V	1,1,1-TRICHLOROETHANE	
G196DBA	MW-196	11/26/2001	PROFILE	45.00	50.00	12.20	17.20	OC21V	CHLOROFORM	
G196DDA	MW-196	11/26/2001	PROFILE	65.00	70.00	32.20	37.20	OC21V	1,1,1-TRICHLOROETHANE	
G196DEA	MW-196	11/26/2001	PROFILE	75.00	80.00	42.20	47.20	OC21V	1,1,1-TRICHLOROETHANE	
G196DGA	MW-196	11/26/2001	PROFILE	95.00	100.00	72.20	77.20	OC21V	1,1,1-TRICHLOROETHANE	
G196DHA	MW-196	11/26/2001	PROFILE	105.00	110.00	82.20	87.20	OC21V	1,1,1-TRICHLOROETHANE	
G196DHA	MW-196	11/26/2001	PROFILE	105.00	110.00	82.20	87.20	OC21V	CHLOROFORM	
G196DIA	MW-196	11/27/2001	PROFILE	115.00	120.00	92.20	97.20	OC21V	CHLOROFORM	
G196DJA	MW-196	11/27/2001	PROFILE	125.00	130.00	102.20	107.20	OC21V	CHLOROFORM	
G196DKA	MW-196	11/27/2001	PROFILE	135.00	140.00	112.20	117.20	OC21V	CHLOROFORM	
G197DAA	MW-197	11/27/2001	PROFILE	20.00	25.00	0.00	4.60	8330N	NITROGLYCERIN	NO
G197DAA	MW-197	11/27/2001	PROFILE	20.00	25.00	0.00	4.60	OC21V	CHLOROFORM	
G197DBA	MW-197	11/27/2001	PROFILE	30.00	35.00	9.60	14.60	8330N	NITROGLYCERIN	NO
G197DBA	MW-197	11/27/2001	PROFILE	30.00	35.00	9.60	14.60	OC21V	ACETONE	
G197DBA	MW-197	11/27/2001	PROFILE	30.00	35.00	9.60	14.60	OC21V	CHLOROFORM	
G197DCA	MW-197	11/27/2001	PROFILE	40.00	45.00	19.60	24.60	8330N	NITROGLYCERIN	NO
G197DCA	MW-197	11/27/2001	PROFILE	40.00	45.00	19.60	24.60	OC21V	CHLOROFORM	
G197DDA	MW-197	11/27/2001	PROFILE	50.00	55.00	29.60	34.60	8330N	NITROGLYCERIN	NO
G197DDA	MW-197	11/27/2001	PROFILE	50.00	55.00	29.60	34.60	OC21V	CHLOROFORM	
G197DEA	MW-197	11/28/2001	PROFILE	60.00	65.00	39.60	44.60	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
G197DEA	MW-197	11/28/2001	PROFILE	60.00	65.00	39.60	44.60	8330N	NITROGLYCERIN	NO
G197DEA	MW-197	11/28/2001	PROFILE	60.00	65.00	39.60	44.60	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G197DEA	MW-197	11/28/2001	PROFILE	60.00	65.00	39.60	44.60	OC21V	CHLOROFORM	
G197DED	MW-197	11/28/2001	PROFILE	60.00	65.00	39.60	44.60	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
G197DED	MW-197	11/28/2001	PROFILE	60.00	65.00	39.60	44.60	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G197DED	MW-197	11/28/2001	PROFILE	60.00	65.00	39.60	44.60	OC21V	CHLOROFORM	
G197DFA	MW-197	11/28/2001	PROFILE	70.00	75.00	49.60	54.60	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES

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PDA/NO = Photo Diode Array, Detect Not Confirmed

* = Interference in sample

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 10/16/01-11/30/01

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G197DFA	MW-197	11/28/2001	PROFILE	70.00	75.00	49.60	54.60	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
G197DGA	MW-197	11/28/2001	PROFILE	80.00	85.00	59.60	64.60	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
G197DGA	MW-197	11/28/2001	PROFILE	80.00	85.00	59.60	64.60	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
G197DHA	MW-197	11/28/2001	PROFILE	90.00	95.00	69.60	74.60	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
G197DHA	MW-197	11/28/2001	PROFILE	90.00	95.00	69.60	74.60	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
G197DIA	MW-197	11/28/2001	PROFILE	100.00	105.00	79.60	84.60	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
G197DIA	MW-197	11/28/2001	PROFILE	100.00	105.00	79.60	84.60	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
G197DJA	MW-197	11/28/2001	PROFILE	110.00	115.00	89.60	94.60	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
G197DJA	MW-197	11/28/2001	PROFILE	110.00	115.00	89.60	94.60	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
G197DKA	MW-197	11/29/2001	PROFILE	120.00	125.00	99.60	104.60	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,	YES
G197DKA	MW-197	11/29/2001	PROFILE	120.00	125.00	99.60	104.60	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO	YES
GAB31AAA	B-31	11/08/2001	PROFILE	112.00	112.00	2.80	2.80	8330N	2,6-DINITROTOLUENE	YES*
GAB31AAA	B-31	11/08/2001	PROFILE	112.00	112.00	2.80	2.80	8330N	NITROGLYCERIN	NO
GAB31AAA	B-31	11/08/2001	PROFILE	112.00	112.00	2.80	2.80	8330N	PICRIC ACID	NO
GAB31BAA	B-31	11/08/2001	PROFILE	121.00	121.00	11.80	11.80	8330N	NITROGLYCERIN	NO
GAB31BAA	B-31	11/08/2001	PROFILE	121.00	121.00	11.80	11.80	8330N	PICRIC ACID	NO
GAB32AAA	B-32	11/16/2001	PROFILE	114.00	114.00	5.00	5.00	8330N	NITROGLYCERIN	NO
GAB32AAA	B-32	11/16/2001	PROFILE	114.00	114.00	5.00	5.00	OC21V	ACETONE	
GAB32AAA	B-32	11/16/2001	PROFILE	114.00	114.00	5.00	5.00	OC21V	CARBON DISULFIDE	
GAB32BAA	B-32	11/16/2001	PROFILE	122.00	122.00	13.00	13.00	8330N	NITROGLYCERIN	NO
GAB32BAA	B-32	11/16/2001	PROFILE	122.00	122.00	13.00	13.00	OC21V	ACETONE	
HCA10220102AA	A10220102A	11/15/2001	SOIL GRID	0.00	0.25			8330N	2-AMINO-4,6-DINITROTOLUENE	YES
HCA10220102AA	A10220102A	11/15/2001	SOIL GRID	0.00	0.25			8330N	4-AMINO-2,6-DINITROTOLUENE	YES

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SED = SAMPLE COLLECTION END DEPTH IN FEET BGS

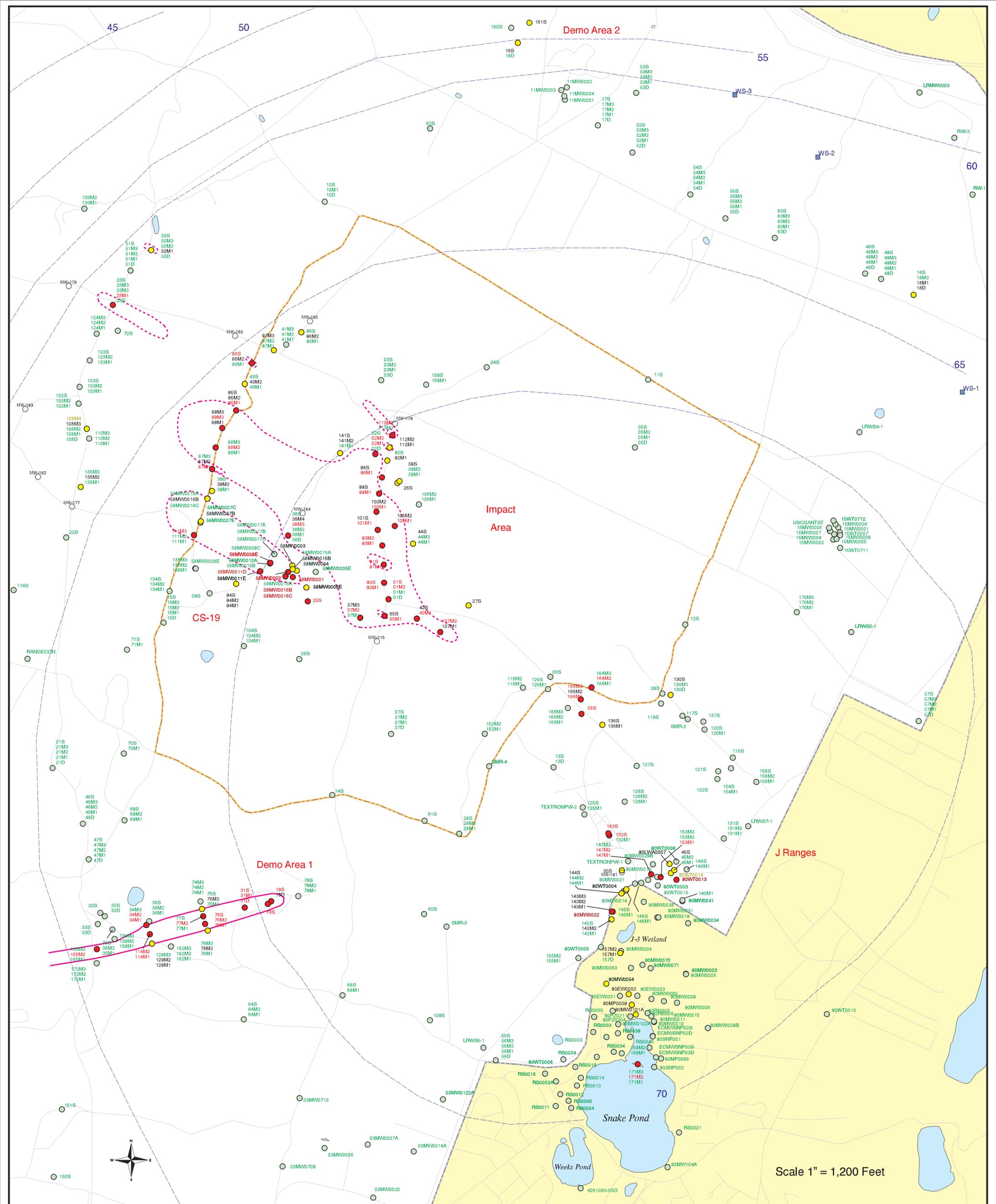
BWTS = DEPTH BELOW WATER TABLE, START DEPTH, MEASURED IN FEET

BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET

PDA/YES = Photo Diode Array, Detect Confirmed

PDA/NO = Photo Diode Array, Detect Not Confirmed

* = Interference in sample



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

amec November 02, 2001 DRAFT

LEGEND

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

Scale 1" = 1,200 Feet

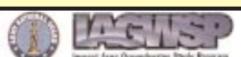
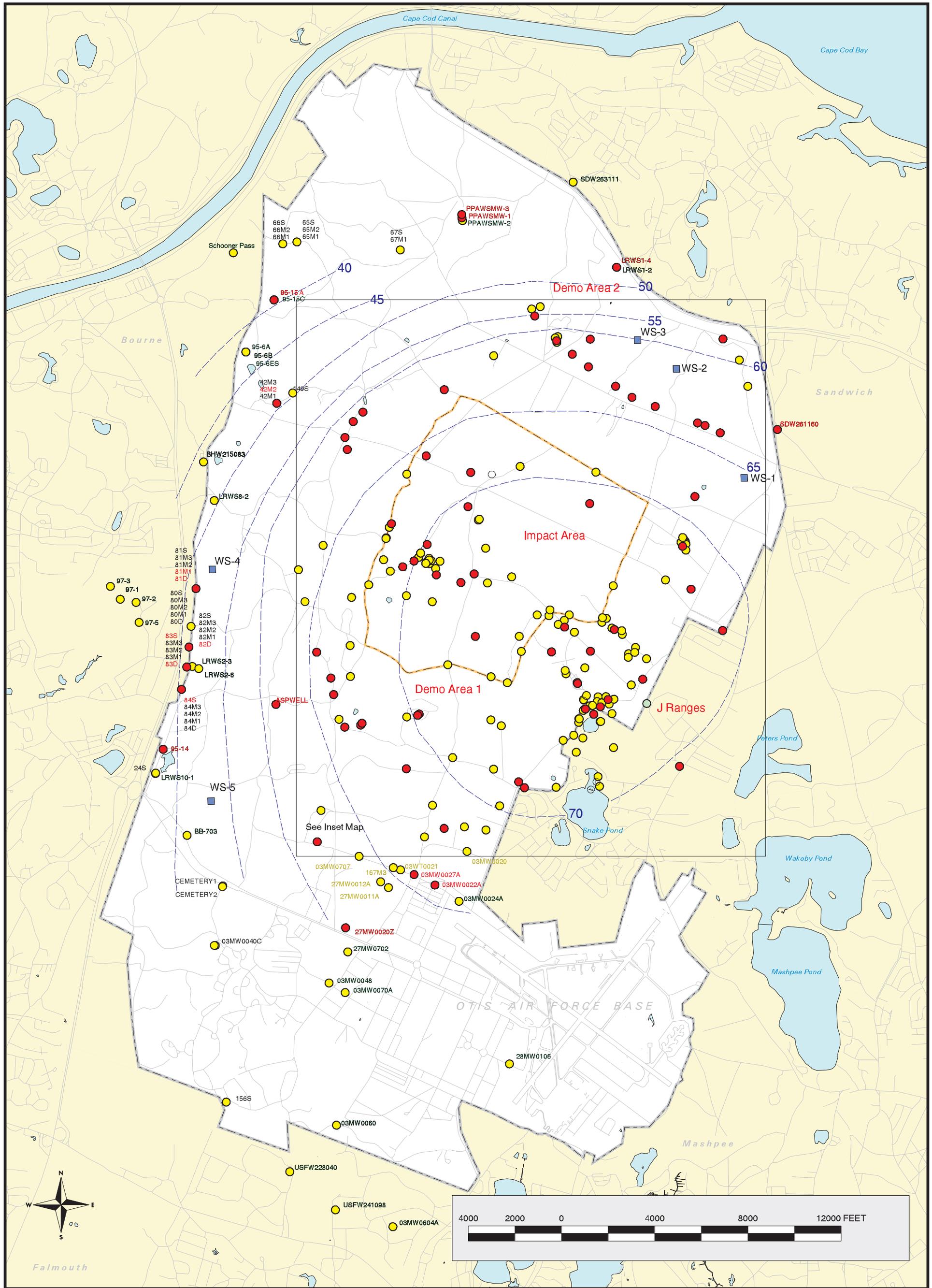


Figure 1
 Explosives in Groundwater
 Compared to MCL/HAs
 Validated Data as of 10/24/01
 Analyte Group 1



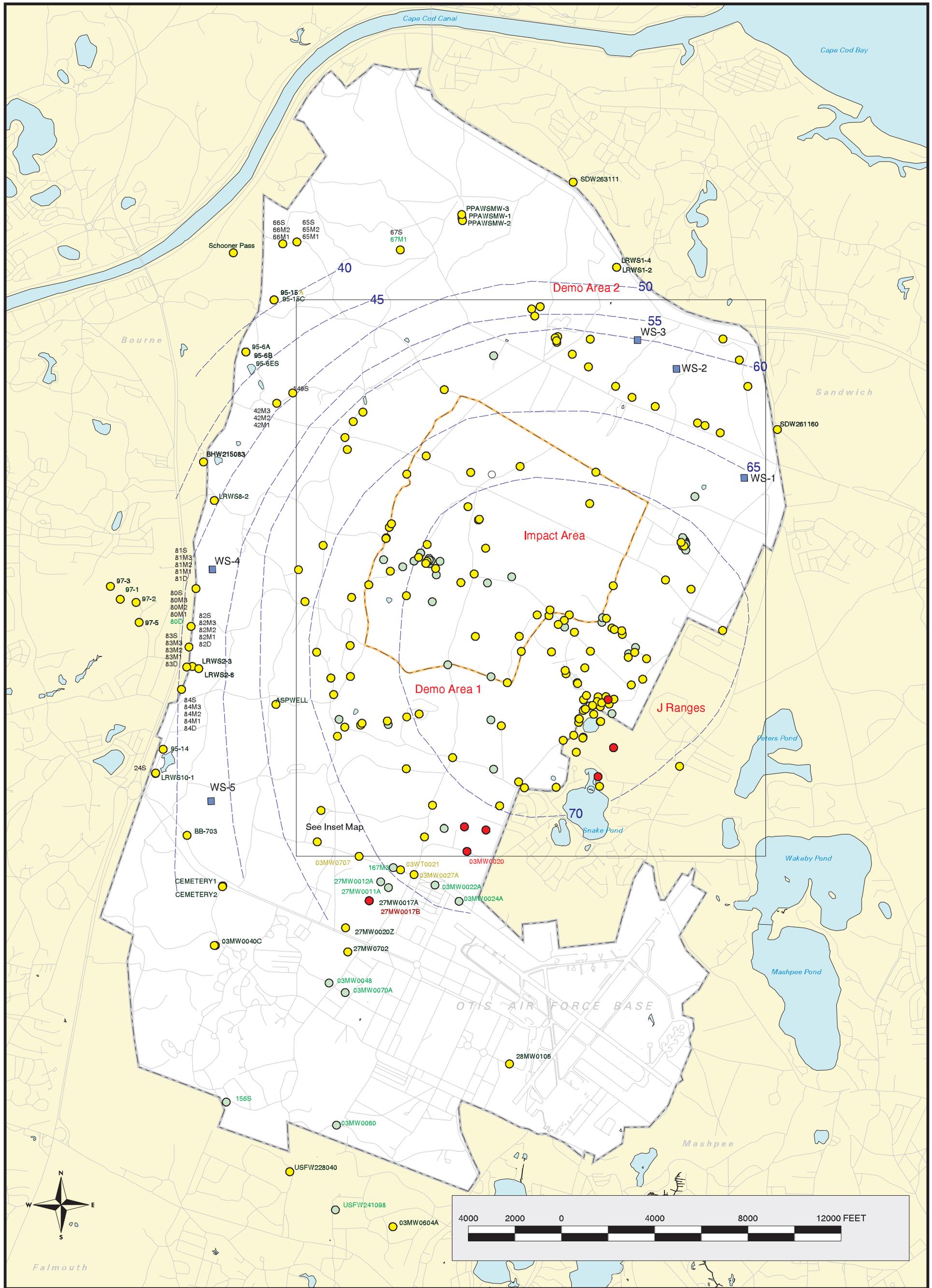
LEGEND

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



Figure 2
**Metals in Groundwater
 Compared to MCL/HAs**
 Validated Data as of 10/24/01
 Analyte Group
 2

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



LEGEND

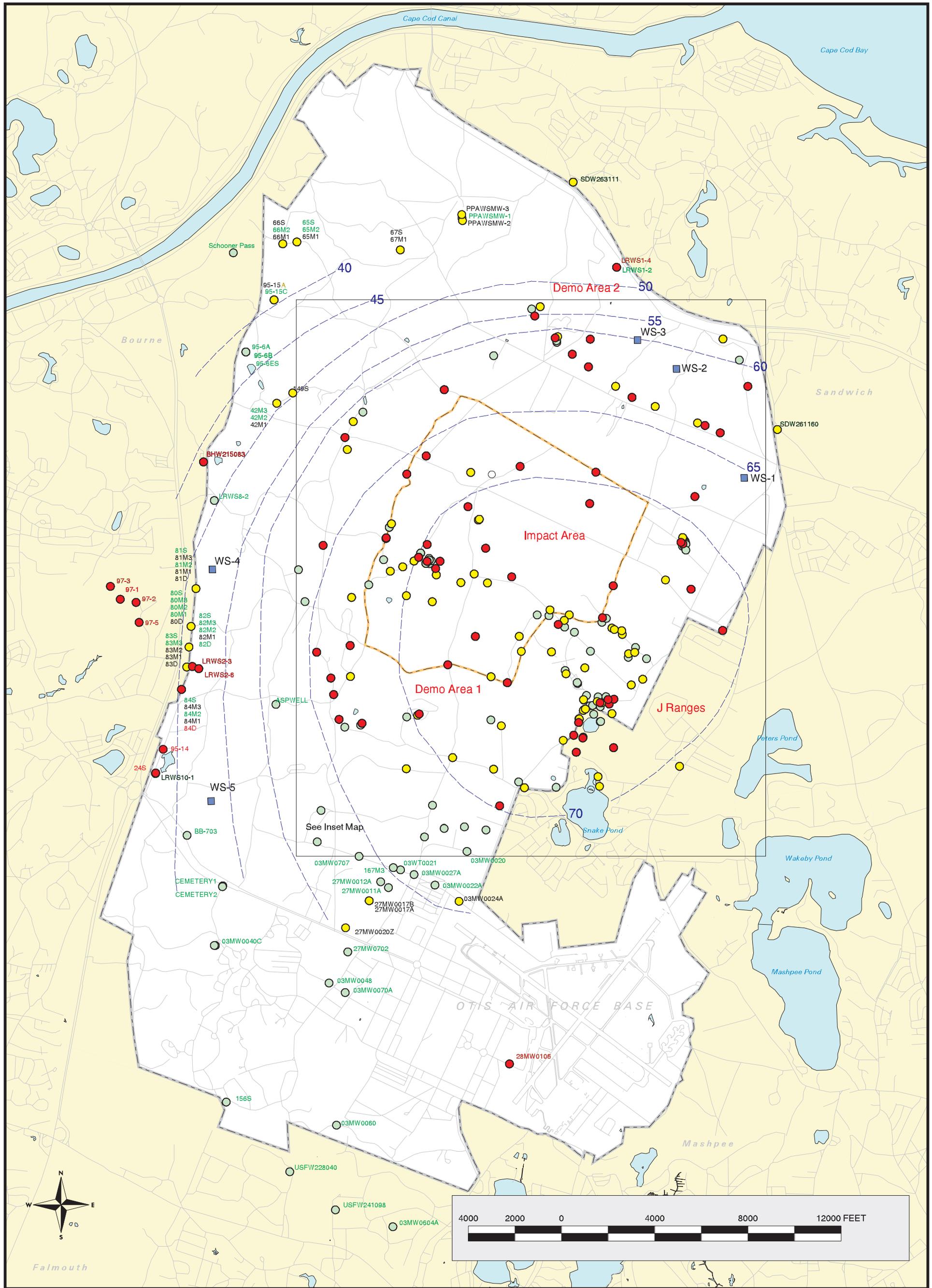
- Validated Detection GTE MCL/HA
- Validated Detection LT MCL/HA
- Validated Non-detect
- No Data Available



Figure 3
**VOCs in Groundwater
 Compared to MCL/HAs**
 Validated Data as of 10/24/01

Analyte Group
 3

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



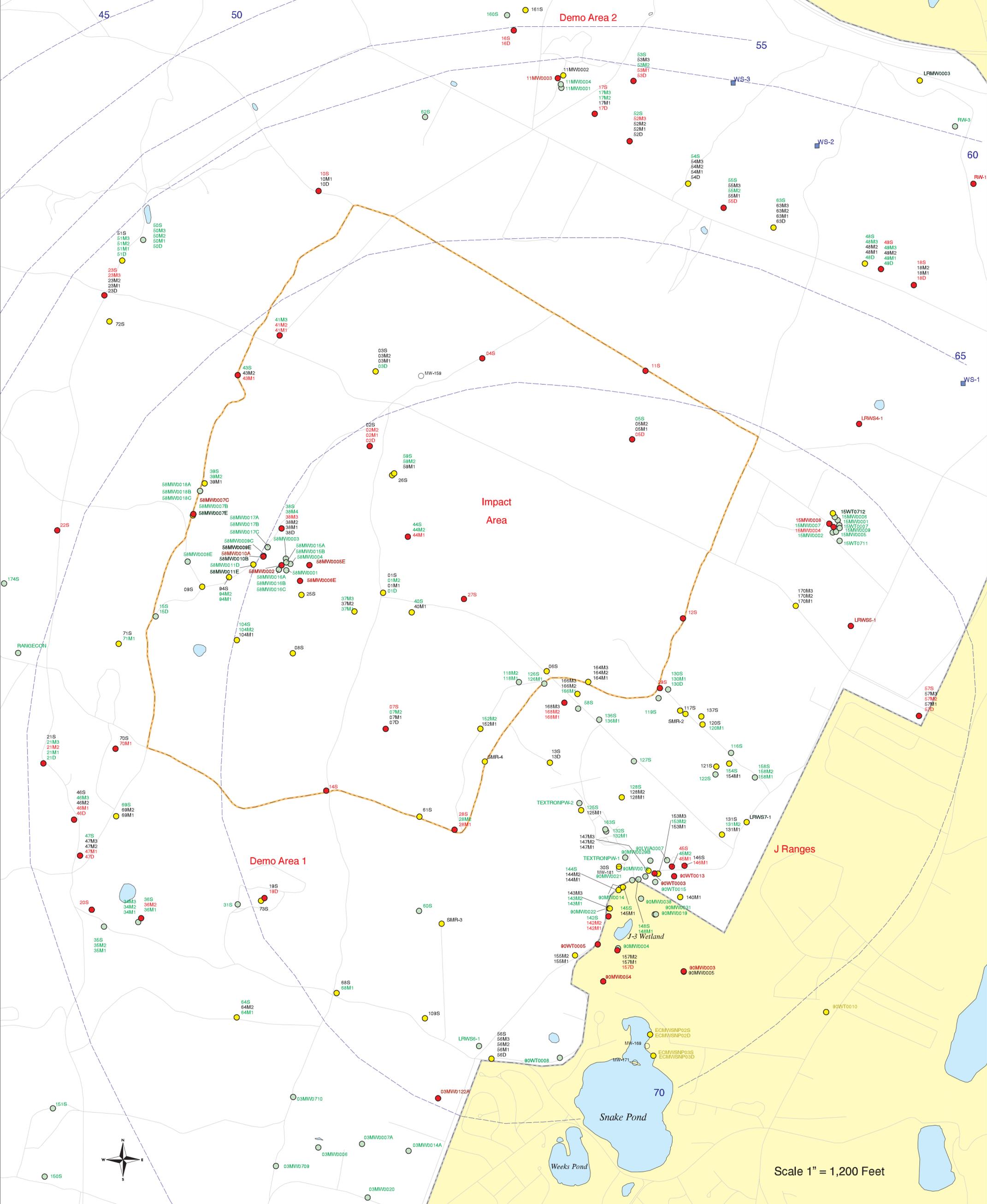
LEGEND

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



Figure 4
**SVOCs in Groundwater
 Compared to MCL/HAs**
 Validated Data as of 10/24/01
 Analyte Group

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



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

amec November 06, 2001 DRAFT

g:\mml\lambert\work\monthly\november2001\svoc

LEGEND

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

Scale 1" = 1,200 Feet

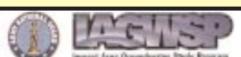
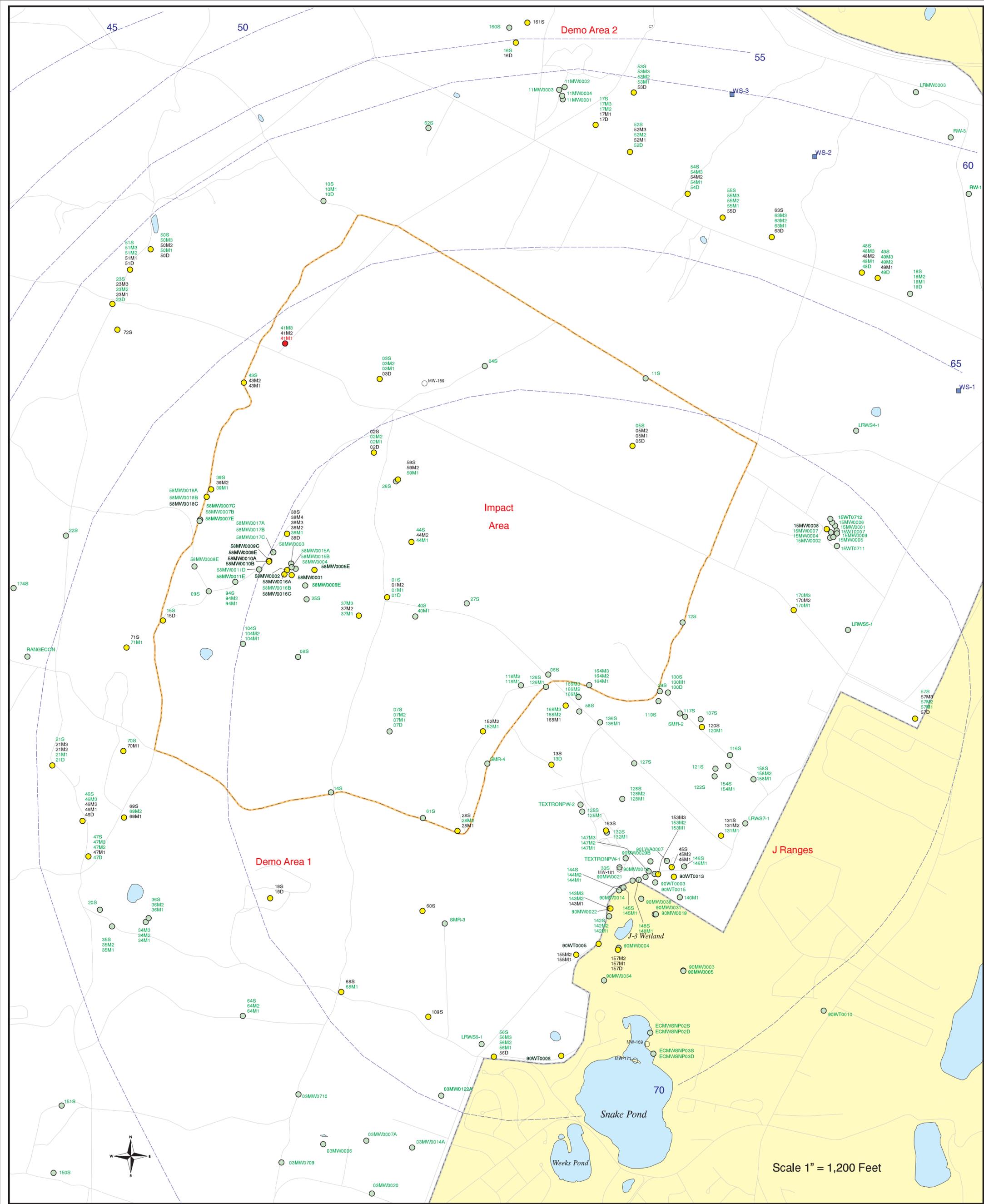


Figure 4 - INSET MAP
 SVOCs in Groundwater
 Compared to MCL/HAs
 Validated Data as of 10/24/01
 Analyte Group
 4



Scale 1" = 1,200 Feet

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

amec November 07, 2001 DRAFT

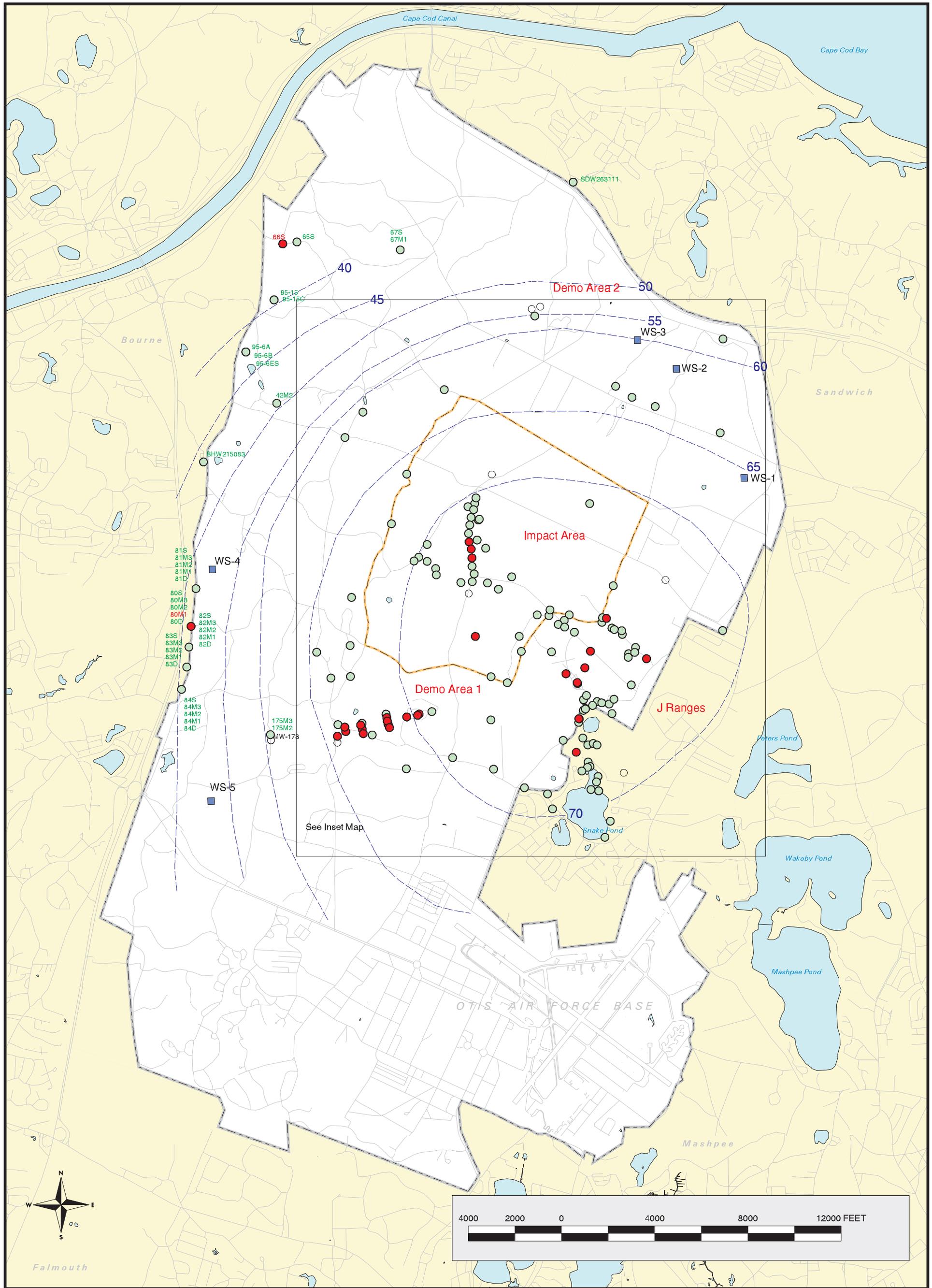
g:\mml\lambert\work\monthly\november2001\pest

LEGEND

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



Figure 5 - INSET MAP
 Herbicides and Pesticides in Groundwater
 Compared to MCL/HAs
 Validated Data as of 10/24/01
 Analyte Group 5



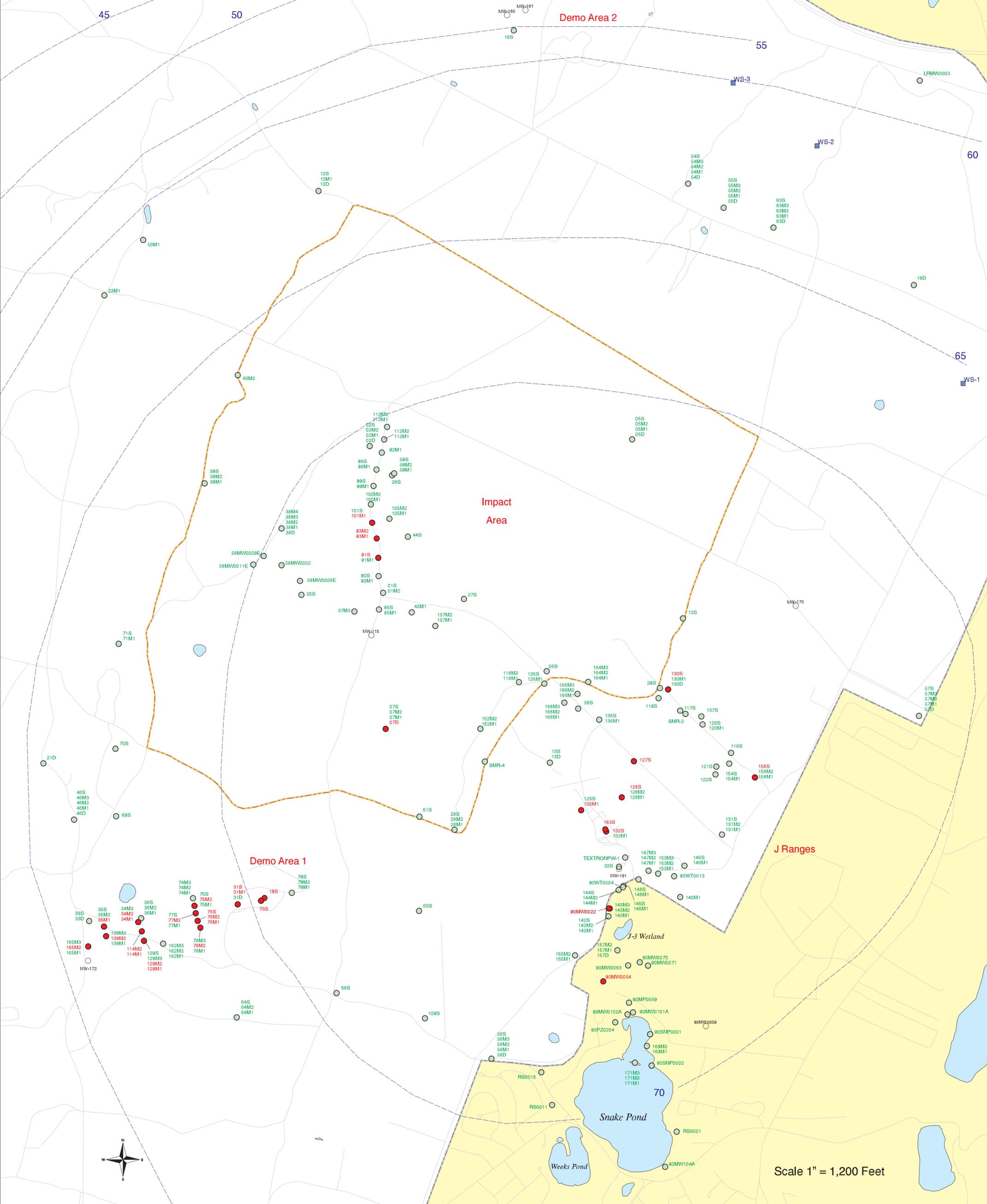
LEGEND

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



Figure 6
**Perchlorate in Groundwater
 Compared to EPA Limit**
 Validated Data as of 10/24/01
 Analyte Group
 6

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



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

amec November 07, 2001 DRAFT

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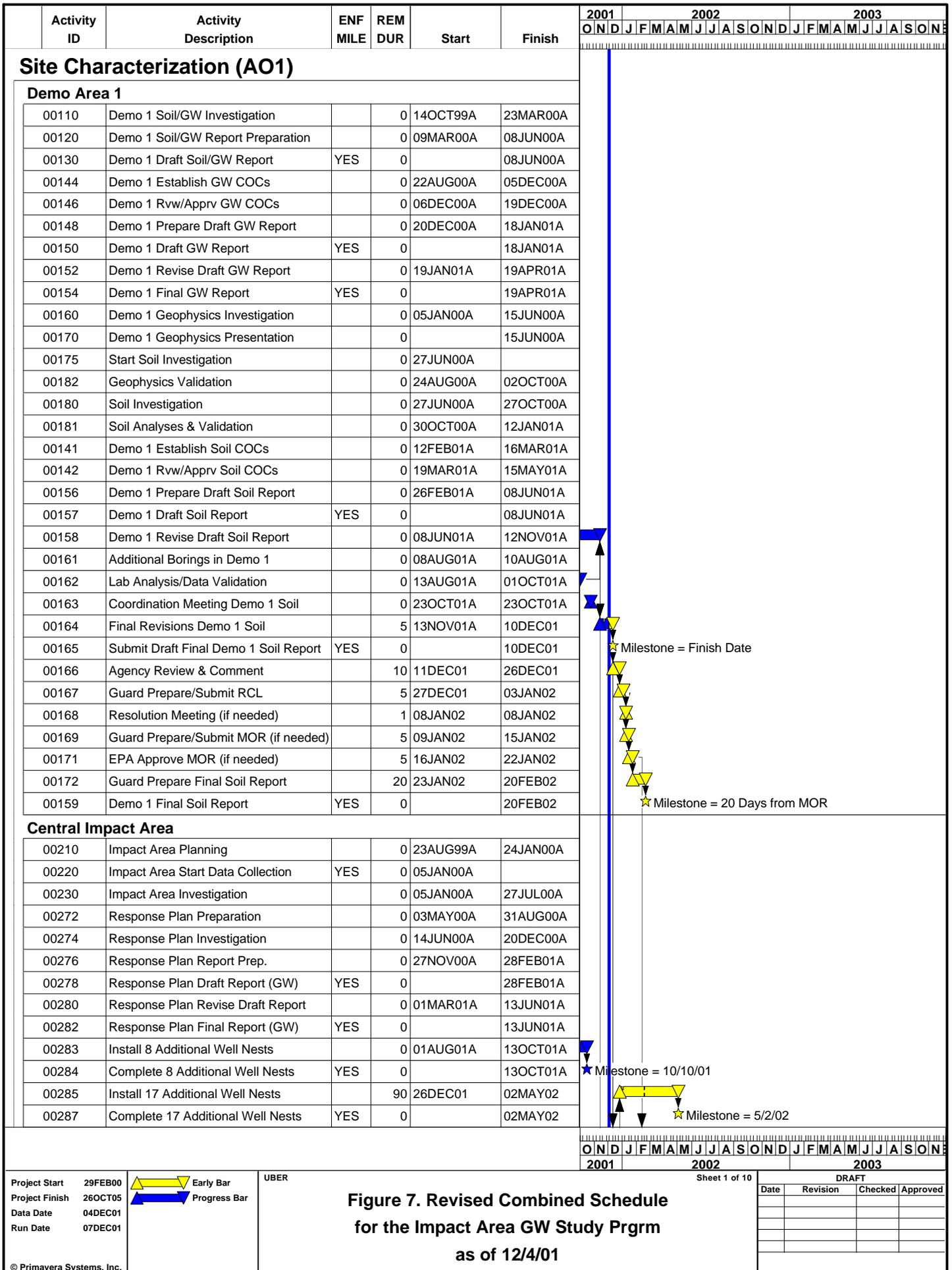
LEGEND

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

Scale 1" = 1,200 Feet



Figure 6 - INSET MAP
 Perchlorate in Groundwater
 Compared to MCL/HAS
 Validated Data as of 10/24/01
 Analyte Group
 6



Project Start 29FEB00
 Project Finish 26OCT05
 Data Date 04DEC01
 Run Date 07DEC01

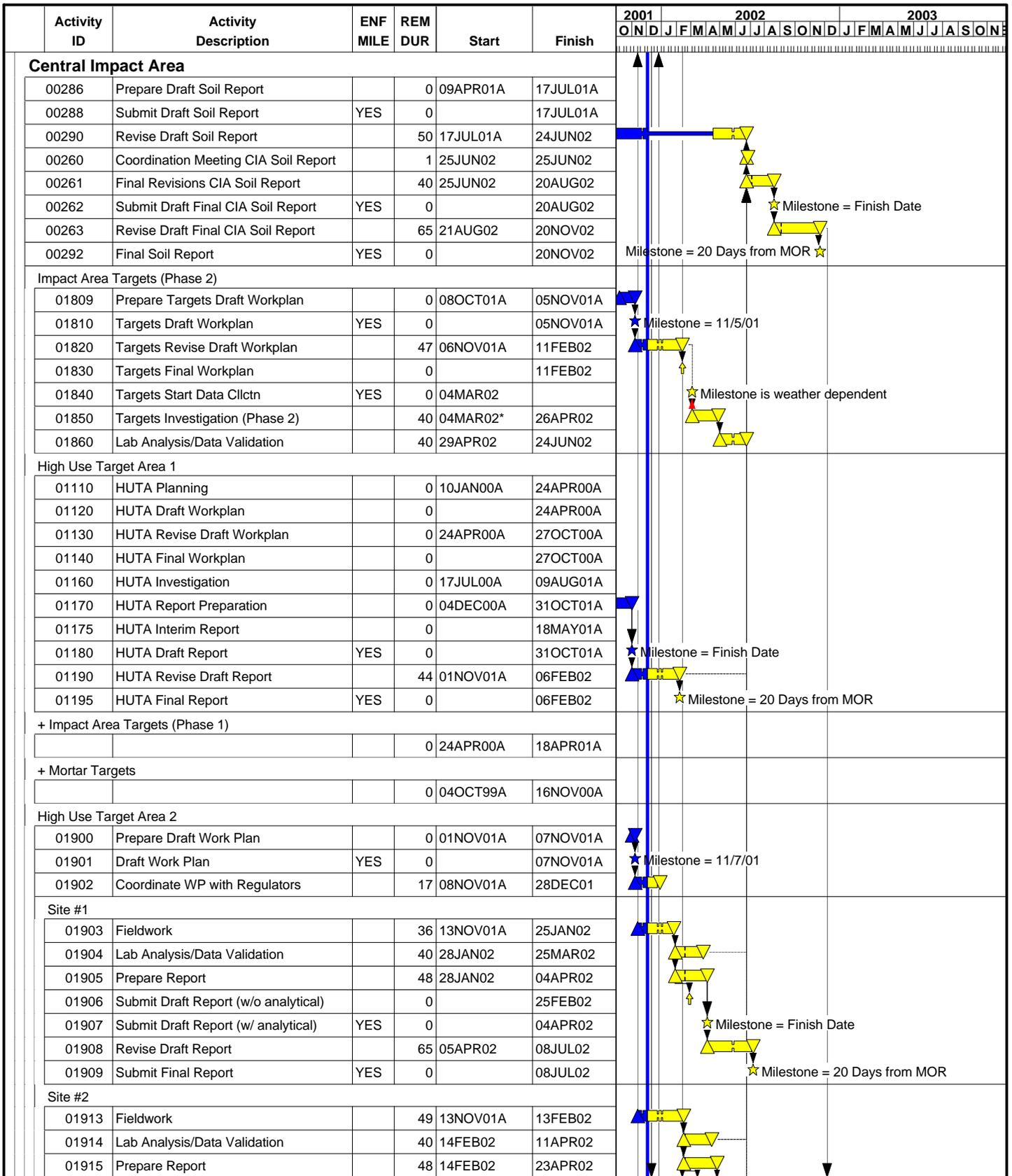


UBER

**Figure 7. Revised Combined Schedule
 for the Impact Area GW Study Prgm
 as of 12/4/01**

Sheet 1 of 10

DRAFT			
Date	Revision	Checked	Approved



Project Start 29FEB00
 Project Finish 26OCT05
 Data Date 04DEC01
 Run Date 07DEC01

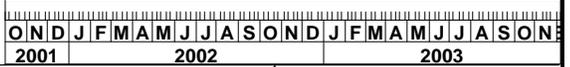
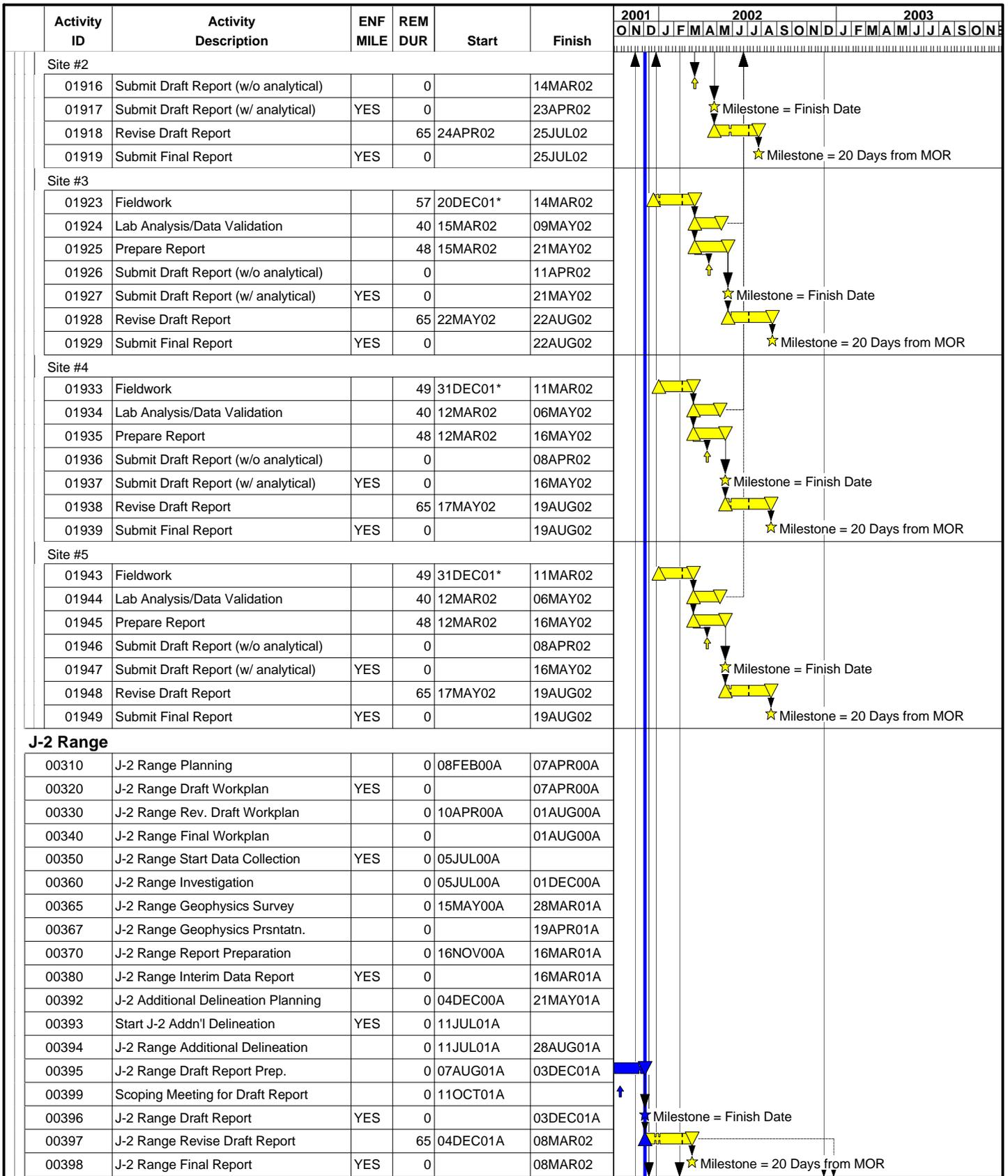


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Figure 7. Revised Combined Schedule for the Impact Area GW Study Prgm as of 12/4/01

Sheet 2 of 10

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Project Start 29FEB00
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 Data Date 04DEC01
 Run Date 07DEC01

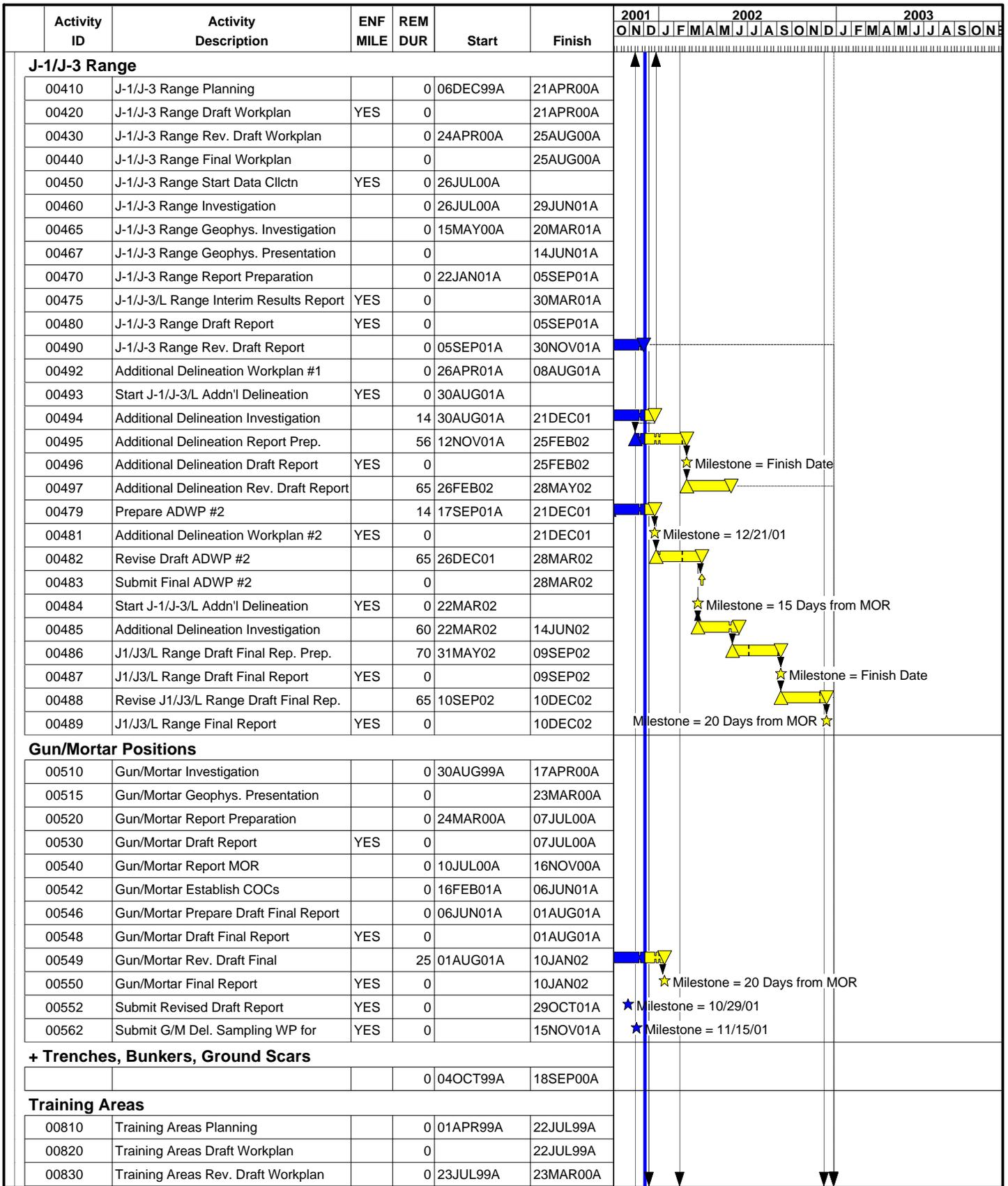


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Figure 7. Revised Combined Schedule for the Impact Area GW Study Prgm as of 12/4/01

Sheet 3 of 10

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Project Start 29FEB00
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 Data Date 04DEC01
 Run Date 07DEC01

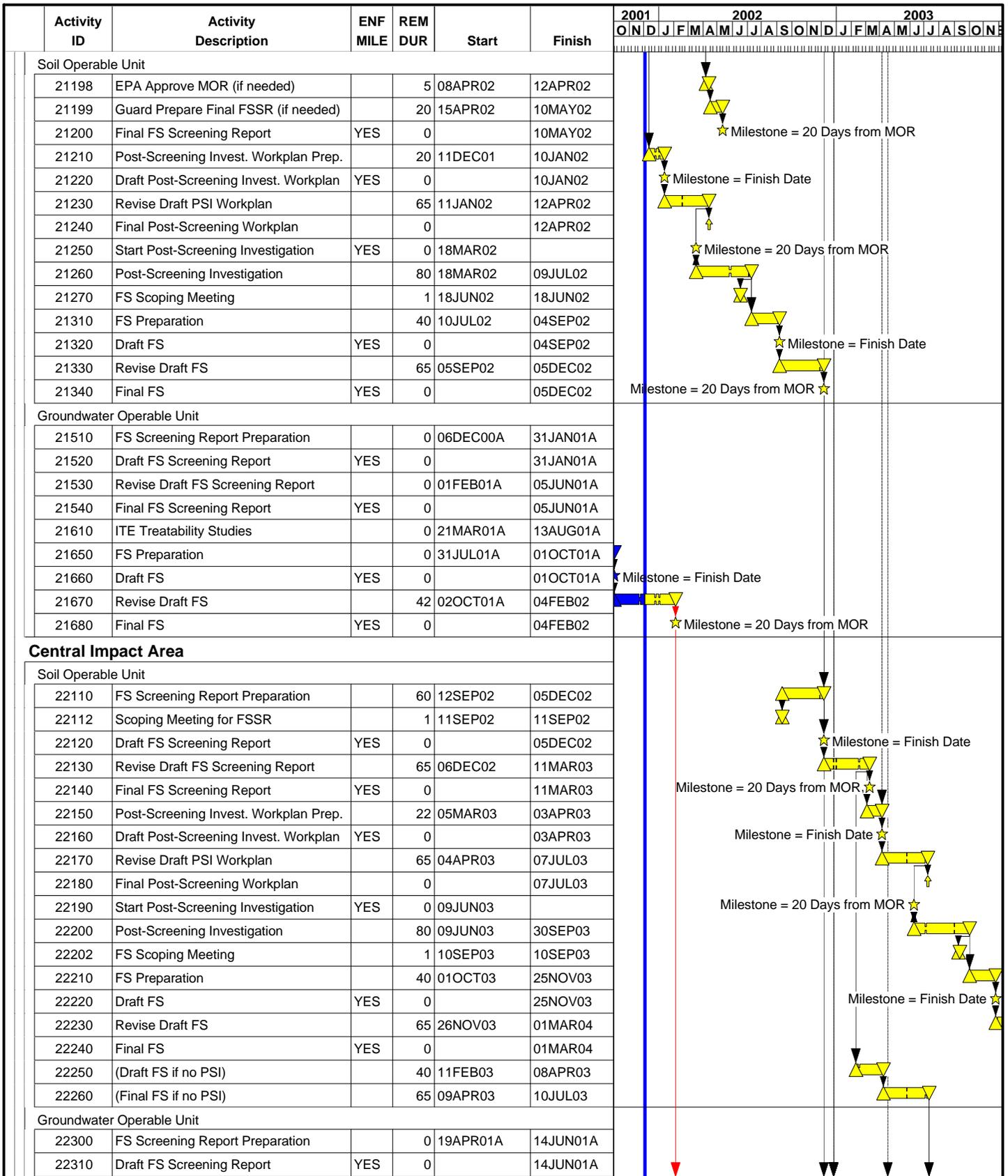


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**Figure 7. Revised Combined Schedule
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 as of 12/4/01**

Sheet 4 of 10

DRAFT			
Date	Revision	Checked	Approved



Project Start 29FEB00
 Project Finish 26OCT05
 Data Date 04DEC01
 Run Date 07DEC01



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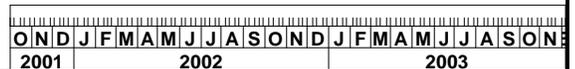
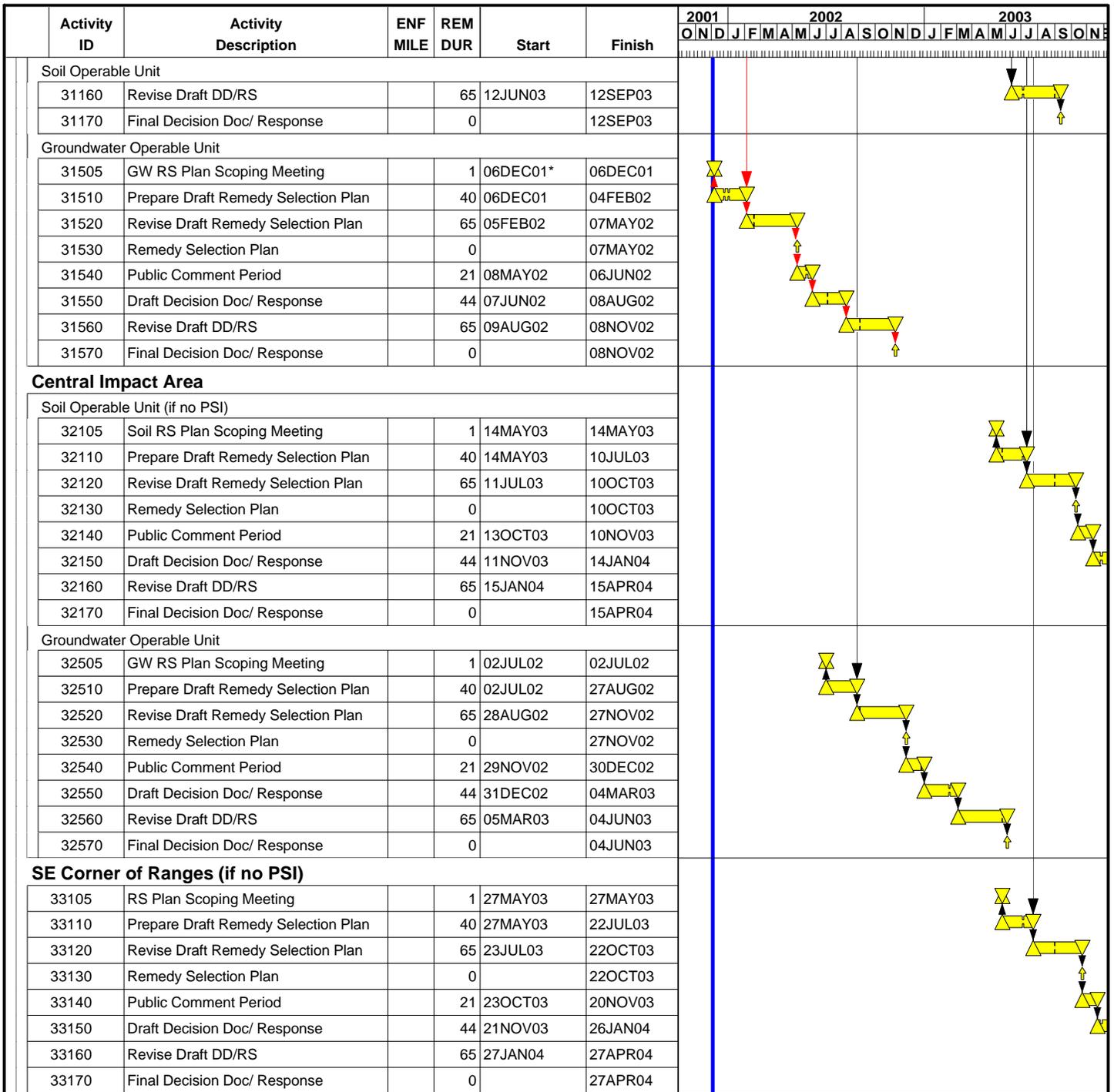
**Figure 7. Revised Combined Schedule
 for the Impact Area GW Study Prgm
 as of 12/4/01**

2001 2002 2003
 O N D J F M A M J J A S O N D J F M A M J J A S O N

Sheet 8 of 10

DRAFT

Date	Revision	Checked	Approved



Sheet 10 of 10

DRAFT

Project Start 29FEB00
 Project Finish 26OCT05
 Data Date 04DEC01
 Run Date 07DEC01



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**Figure 7. Revised Combined Schedule
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 as of 12/4/01**

Date	Revision	Checked	Approved