MONTHLY PROGRESS REPORT #64
FOR JULY 2002

EPA REGION I ADMINISTRATIVE ORDERS SDWA 1-97-1019 & 1-2000-0014
MASSACHUSETTS MILITARY RESERVATION
TRAINING RANGE AND IMPACT AREA

The following summary of progress is for the period from July 1 to July 31, 2002. Scheduled actions are for the six-week period ending September 13, 2002.

1. SUMMARY OF ACTIONS TAKEN

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

Table 1. Drilling progress as of July 2002

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Saturated Depth (ft bwt)	Completed Well Screens (ft bgs)
MW-219	Base WS-4 sentry well (WS4P-1)	370	183	225-235; 315-325; 332-342; 357-367
MW-226	Bourne Upgradient (BP-1)	306	192	285-295, 175-185, 135-145
MW-228	J-2 Range (J2P-15)	320	215	241-251; 126-136; 104-114
MW-229	J-2 Range (J2P-13)	349	236	286-296, 206-216, 141-151, 117-127
MW-230	J-2 Range (J2P-14)	346	239	130-140, 110-120,
MW-231	Demo Area 1 (D1P-14)	300	194	210.5-220.5, 165.5-175.5, 115.5-125.5
MW-232	J-3 Range (J3P-17)	200	158	77.5-82.5, 61-66

bgs = below ground surface
bwt = below water table

Completed well installation of MW-219 (WS4P-1), MW-226 (BP-1), MW-228 (J2P-15), MW-229 (J2P-13), MW-230 (J2P-14), MW-231 (D1P-14) and MW-232 (J3P-17). Continued well development for newly installed wells.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-228, MW-229, MW-230, MW-231 and MW-232. Groundwater samples were collected from Bourne supply wells, test wells, monitoring wells, and spring; as part of the April Long Term Groundwater Monitoring round; and as part of the Site-Wide Perchlorate Characterization. Groundwater samples were also collected from Snake Pond drivepoints and from newly installed wells. Water samples were collected from the GAC treatment system and from the FS-12 treatment system. Surface water samples were collected from Snake Pond.

Soil samples were collected from soil cuttings of recently installed wells, from the MW-228 borehole and from soil grids on the J-2 Range.

As part of the Munitions Survey Project, pre-detonation and post-detonation soil samples were collected from the Eastern Test and Scar Rocket sites. Soil samples were collected beneath UXO located in HUTA2 Transect 2.

The IAGWSP Technical Team meeting was not held for the week of July 1 – 5, 2002 due to the July 4th holiday.

The following are the notes from the July 11, 2002 Technical Team meeting at the IAGWSPO:

Punchlist Items

#2 Provide recent test results of monitoring wells for WS-1, -2, -3 (E&RC). Draft Report with validated results being prepared. Awaiting Jeff Rose's (MADEP Water Supply) return to work.

#3 Provide ARA's Perchlorate method test results for select Bourne wells (Corps). Letter sent July 3. Response expected by July 18.

#4 Provide update on BOMARC solid rocket fuel (Corps). Nick Iaiennaro (Corps) is waiting on BOMARC manual from an identified source, still searching for information.

#5 Provide access update on private Snake Pond property (IAGWSPO). Meeting with Property owner and Mike Minior possibly to be arranged shortly. Ben Gregson (IAGWSPO) to check on status and possibly expediete.

#8 Provide Perchlorate data from J-2 Range, Polygon 2S&2T (Corps). No new data this week. Data as available will continue to be distributed with the weekly updates. Item to be removed from punchlist.

#10 Provide MSP Schedule remaining for J-2 Range through FY02 (Corps). Discussed as agenda item.

#11 Provide detail of modeling items/schedule for Central Impact Area GW FS (AMEC). Schedule to be submitted tomorrow, 7/12.

#12 Provide draft results from Envirogen Fluidized Bed Reactor (AMEC). Results not yet available, expected July 25.

MSP3 Update

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

- AirMag. Visual anomaly inspection for Area 2&4 complete. Area 1 will be completed today. Areas 3 (18 anomalies) & 5 (20 anomalies) will be inspected next. So far only cultural items have been found including scrap items and some 55-gallon drums with bullet holes in Areas 2&4. Area 1 anomalies are likely to be attributed to geologic features. ROA approval for intrusive work is pending; submitted to Natural Heritage and SHPO on June 28.
- Eastern Test Site. Investigation of nine anomalies has been completed. The results are being compiled and will be disseminated soon.
- SCAR Site. Vegetation grubbing is ongoing.
- N Range. Schonstedt survey is completed. EM61 survey will be completed on July 15th. Presentation of the results is scheduled for July 25 Tech meeting.
- BIPs – 12 items from the Eastern Test Site (2 items) and the Scar Site (10 items) are scheduled to be BIPed today, 7/11:
  - 2 – 155MM HE Projectile, M107 with M51 Series PD Fuze
  - 6 – 155MM Practice Projectile, M804 with Unknown Fuze

3 – 155MM HE Projectile, M107 with Unknown Fuze
1 – 5" A.R. Rocket, MK6MOD0/MOD1 with Unknown BD Fuzes

Central Impact Area Update

Bill Gallagher (IAGWSPO) provided information on the status of the Central Impact Area investigation.

- No drilling is currently being conducted in the Central Impact Area.
- UXO clearance at CIAP-24 will likely take an additional six weeks, because of the large amount of UXO fragments in the pad area.
- Pump Test sampling results were received. There were no detections of perchlorate or explosives on any effluent sample.
- A detailed modeling schedule will be forwarded to the agencies tomorrow.

Bourne Area Update

Bill Gallagher (IAGWSPO) provided a brief update on the Bourne area investigation.

- Installation of BP-1 (MW-226) was completed. Perchlorate was detected in profile samples in concentrations as high as 3 ppb.
- Because of detections of perchlorate in 97-2C, the Bourne Water District decided not to turn on PW-6 over the holiday weekend.
- Modeling update is on schedule to be completed in mid August.
- ROA for WS4P-2 was approved.
- The Guard/Corps met with the BWD yesterday afternoon, providing them with updated cross-sections, which will also be provided to the team.
- Regarding the letter request from the Guard to discontinue explosive/VOC sampling for 23 wells and discontinue explosive sampling on 12 other wells, the BWD agreed to most of the Guard's proposals. However, they asked for continued sampling of VOCs, explosives, perchlorate in wells 02-7, 02-8, 02-9, 02-10, and 02-15, three times a year as part of Long Term Groundwater monitoring. They also requested continued weekly sampling of Bourne Production Wells 3 & 4 through mid September. During the summer an emergency situation may arise and the BWD would like as much historic data available as possible to support the use of these wells for water supply, if needed.
- The Guard/Corps and BWD also discussed additional upgradient monitoring wells and the intent to hold off on any further well installation until all outstanding data was in and modeling updated. The BWD concurred with this approach.
- Len Pinaud (MADEP) expressed concern regarding this approach, stressing that the MADEP felt that the Bourne-area investigation needed to remain a priority for the IAGWSP. The MADEP did not find it acceptable to put the investigation on hold for 90 days while modeling was being updated, but would like to see a Workplan from the Guard outlining an approach for additional well installation to define the source of the contamination in the Monument Beach Wellfield.
- Marc Grant (AMEC) explained that the model was scheduled to be completed in mid August; this schedule had been presented in a 5/31/2002 letter to the agencies.
- Mr. Gallagher explained that they already have information on the northern extent the source as the RRAP-1 well (MW-216) profile results, at the containment pad, had been non detect for perchlorate. The only readily accessible location that could be drilled with minimal habitat disturbance and effort to complete an ROA would be on Wheelock Road near this location. In addition, the Site-Wide Perchlorate Sampling Plan was currently being implemented; analysis of this data should assist in assessing possible sources of perchlorate in the Monument Beach Wellfield.
- Ben Gregson (IAGWSPO) pointed out that the Guard's approach to characterization of the

upgradient extent of the perchlorate contamination had been specified in a letter to the agencies sent prior to commencement of drilling at the BP-1 location.

- Mr. Pinaud requested that this issue be discussed further in after meeting pending his review of the 5/31/02 letter (mentioned by Marc Grant) and the letter specified by Mr. Gregson.

J-2 Range /MSP Schedule

Ellen Iorio (ACE) led the discussion on the MSP schedule, drafted without consideration of funding issues. A list of assumptions was distributed with the schedule.

- Dates are provided in the schedule for all sites not just J Range sites. The schedule shows three Tetra Tech crews being utilized through the end of the year.
- As stated 2 weeks prior, Gina Tyo (ACE) reiterated that the MSP priorities were 1) J-2 Polygons, 2) Central Impact Area sites, and 3) Other sites with Workplans approved.
- The J Range polygon work will commence immediately upon completion of the J-2 Range monitoring wells.
- Desiree Moyer (EPA) asked for the status of the J-2 Range drilling. J2P-13 (MW-229), J2P-14 (MW- 230), J2P-15 (MW-228) are currently being drilled. The J2P-12 location needs to recleared. Marc Grant suggested that clearance for J2P-12 could commence while the drill rig at J2P-14 is on standby for well screen settings. J2P-13 (MW-229) and J2P-14 (MW-230) are expected to be completed by July 19th.
- Ms. Iorio indicated that Todd Borci (EPA) had requested the schedule in consideration of establishing enforceable milestones for the MSP field work. It was Ms. Iorio's opinion that enforceable milestones for fieldwork were counter productive for the overall completion of the MSP work, as it tended to limit the flexibility of scheduling. Len Pinaud (MADEP) concurred with this assessment, stating that although enforceable milestones were needed for the project overall, deadlines for completion of field tasks were not effective. Desiree Moyer added that EPA utilizes enforceable milestones for interim work to ensure that the overall project stays on schedule. EPA will review the MSP fieldwork schedule to determine if enforceable milestones are appropriate in this case.
- Schedule to be reviewed by agencies and further discussed at the 7/25 Tech meeting.

Documents and Schedules

Marc Grant (AMEC) led the discussion regarding documents and schedules.

- The Small Arms Ranges Report submittal deadline has been changed to 8/2.
- Demo Area 2 Workplan will be added to the schedule for the end of August.
- HUTA2 Transect #1 comments were received yesterday, 7/10. Desiree Moyer (EPA) indicated that comments for other transects would be coming in the next couple weeks.
- EPA agreed that the individual transect reports could be combined into one comprehensive HUTA2 Report, following receipt of all comments. Based on the disapproval letter for the first Report, this combined revised Draft Report could be resubmitted with all comment responses, instead of the individual site reports being resubmitted separately. Guard to request a modification to the 8/12/02 deadline contained in EPA's letter of 7/10/02.
- The schedule for completion of the ASR will be submitted at the end of the week. Gina Tyo (ACE) to review project note and clarify with Carla Buriks the status of ASR specific to whether additional comments from the agencies are outstanding and whether GIS integration can go forward without the concern that there will be major text changes.
- 1st Priority Remaining HUTA2 Site Reports. EPA will try to provide comments on the majority of transects next week.
- 2nd Priorities MSP2 Reports (Demo 1, ASP, Former A and K, Slit Trench, BA-1). Expecting MOR approval. EPA indicated that this may have to wait to July 22nd.

- 3rd Priority J-1/J-3/L Ranges Additional Delineation Report. Expecting comments shortly. EPA indicated that comments will be forthcoming early next week.
- UXO Screening Report – Comment resolution meeting moved to 8/1. MAJ Meyer (IAGWSPO) requested that comment resolution meeting be combined with a scoping meeting for the OE Characterization Workplan.
- EPA noted that a revised Munitions Management Plan is due on 7/22/02 as indicated in EPA's letter dated 6/11/02.

Miscellaneous

July 18th Tech meeting tentatively canceled pending concurrence by EPA representatives.

The IAGWSP Technical Team meeting was cancelled for the week of July 15 - 19, 2002.

The following are the notes from the July 25, 2002 Technical Team meeting at the IAGWSPO:

Punchlist Items

#2 Provide recent test results of monitoring wells for WS-1, -2, -3 (E&RC). Draft Report with validated results being prepared. Gina Tyo (ACE) to follow-up with COL Fitzpatrick

#4 Provide comments on ARA's Perchlorate method test results for select Bourne wells (EPA/DEP). Todd Borci (EPA) to check on comment status for next week.

#5 Provide update on BOMARC solid rocket fuel (Corps). Nick Iaiennaro (Corps) is waiting on BOMARC manual from an identified source, still searching for information. Possibly information may be forwarded at the beginning of August.

#6 Provide access update on private Snake Pond property (IAGWSPO). Meeting with Property owner and Mike Minior was completed. Property owners have agreement, which may be signed shortly.

#12 Provide draft results from Envirogen Fluidized Bed Reactor (AMEC). Results expected next week.

Miscellaneous

- Marc Grant (AMEC) indicated that as part of the quarterly monitoring of the Sandwich water wells, Dan Mahoney (Sandwich Water Board), requested that concentrations of perchlorate not be reported below the reporting limit of 1 ug/L. Todd Borci (EPA) to contact Mr. Mahoney to discuss.
- Mr. Grant also reported that a Schooner Pass Condo Association employee has refused the Guard's request to sample the Association well for perchlorate. Mark Panni (MADEP) explained that Jeff Rose (MADEP Water Supply) indicated that they could only require the Association to test the water at a MDL of 4 ppb. Tina Dolen (IAGWSPO) to find the name of an appropriate Condo Association official and attempt to arrange a meeting to discuss the Guard's request. This action to be tracked on the PunchList.
- The agencies requested that Dr. Fred Cannon (Penn State University) be asked provide data and scope of work on Bourne treatment tests prior to arranging a meeting to discuss his project. Bill Gallagher (IAGWSPO) to address request.

MSP3 Update & Schedule

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

AirMag. Visual anomaly inspection for 118 anomalies is completed. SHPO approved ROA for anomaly excavation on July 24, with the contingency that the excavations be left open for an

inspection by Dr. Goodfellow.
SCAR Site. Vegetation & grubbing is ongoing, approximately 50% complete.
N Range. Information compiled for an after meeting discussion today.

- The MSP Schedule was distributed on July 11, 2002. Agencies have not had an opportunity to review the schedule. The MSP Schedule to be discussed on next week's agenda.
- Gina Tyo (ACE) indicated that because the J-2 Range Polygon investigation had been under scoped because of unanticipated conditions, Tetra tech's contract to complete this work would require a modification.

J Range Wells

- Karen Wilson (IAGWSPO) and Heather Sullivan (ACE) explained requested modifications to J Range well locations. Maps of the Central Impact Area and J-3 and L Ranges showing proposed wells were distributed.
  - Ms. Wilson was concerned about the amount of roadway that would be needed to site J1P-16 through J1P-18 which were to be located in scrub oak habitat. These wells had originally been scoped along an old roadway in the area, but this road was considerably grown in, such that is contiguous with surrounding habitat . Ms. Wilson proposed that these wells be located along a firebreak that had been proposed as part of the Fire Management Plan for the base. The following options for the fire break and well locations were proposed and considered:
    1) Firebreak oriented northeast starting at MW-220 on Tank Alley to Wood Road; move three proposed wells north along these tracks to coincide with the firebreak. Herb Colby (AMEC) indicated that this would be too far north for J1P-17, which was purposely located in the ZOC for the Base Water Supply wells.
    2) Start firebreak at MW-6 to proposed location of J1P-16 and move J1P-18 south to intersect the firebreak. Mr. Borci thought that this would be good in helping evaluate the area downgradient of MW-187 as well as the J-1 Range interberm area.
    3) Start firebreak more east halfway between MW-6 and MW-220 toward ZOC and then reorient firebreak to the north.
  - Ms. Wilson to discuss possible options for firebreak with Mike Ciaranca (MAARNG) and Natural Heritage.
  - Heather Sullivan (ACE) explained changes in the locations for three J-3/L Range proposed wells.
    1) J3P-27 was moved inside the FUDS boundary, north of the J-3 wetland.
    2) LP-5 moved to 90LWA003 to be along particle track from 90WT0019.
    3) LP-6 moved to particle track from MW-153.
  - MADEP and EPA approved the J-3/L Range well location modifications. Camp Good News is reviewing the LP-6 well location.
  - SHPO reviews are predicted to take the maximum 30 days for review.
  - Maria Pologruto (AMEC) indicated that ROAs will be needed to be approved within two weeks, to maintain the current drilling capacity at the end of August. Ms. Wilson indicated that ROA approvals for LP-8, LP-9, J3P-21 and J1P-1 are expected within two weeks.

Central Impact Area Update

John Rice/Jay Clausen (AMEC) led discussion of Central Impact Area activities and the detailed modeling schedule.

- CIAP-24 well pad is still undergoing UXO clearance. Possibly this may be completed by mid-week next week.
- Sampling crews are still working on the Central Impact Area Perchlorate Response Plan.

Target sampling has been completed. MW-206 was sampled on 7/18 and results are due today/tomorrow.

- Jay Clausen reviewed highlights of July 11 letter to the agencies (MMR-6366) describing the detailed modeling schedule for Central Impact Area plume.
- Todd Borci (EPA) expressed that his principal concern with the schedule was that no allowances had been made for additional monitoring wells. Both the isolated detection of RDX at MW-205 and high detection of RDX at MW-207 have not been fully characterized. Bill Gallagher (IAGWSPO) explained that in order to develop a schedule, assumptions needed to be made. The assumption that no additional wells would be needed to delineate the plume did not mean that the Guard feels no additional wells would be needed. The extent of the perchlorate was one of the unknowns. Mr. Clausen elaborated that it was unlikely that the perchlorate results would significantly affect the modeling effort. The detection of RDX at MW-205 may be addressed by proposed downgradient J Range wells being drilled in the southeast corner of the Impact Area. There was also one remaining funded well that could be used to address data gaps such as the one at MW-207.
- Agencies to review schedule and provide comments next week.

Bourne Area Update

Bill Gallagher (IAGWSPO) provided a brief update on the Bourne area investigation. A preliminary draft map showing updated validated and unvalidated results of groundwater sampling completed for wells in the area upgradient of the Bourne well field was distributed.

- The Bourne subregional model is scheduled to be updated by early August. At this time particle backtracks can be developed originating at the profile detections observed in MW-226 (BP-1).
- The updated map indicates by the lack of detections at immediately upgradient well locations to the north and south, that there is a narrow band of perchlorate containing groundwater migrating off base. This band seems to widen within the Monument Beach well field, potentially due to the fluctuating use of the Production wells.
- At Wednesday's meeting with the Bourne Water District, they reaffirmed that they would not be turning on any wells that had past detections of Perchlorate. Currently they are pumping PW-1. The Town of Bourne has requested that the Guard provide well head treatment, even though MADEP has made no requirement to treat the groundwater. Ben Gregson (IAGWSPO) has taken this request to officials at the Pentagon. Bourne would like the MADEP to advocate their request for well treatment.
- AMEC is currently developing a Bourne Perchlorate Workplan; no submittal date has been established.
- John Rice (AMEC) noted that an error was discovered in the laboratory reporting of data from MW-80M1 and 1-88a; based on historic data the results were likely switched. This will be corrected on the next update of the Bourne data tables.
- MADEP and EPA indicated that their previous approval to sample Priority 1-3 wells listed in the Site-Wide Perchlorate Characterization Plan was meant to include the sampling of all wells identified in the plan (also Priority 4-5). EPA indicated that no additional comments would be forthcoming on the Plan and the Plan was approved with the addition of the AFCEE data that was requested in a previous Tech meeting. MADEP comments were forwarded on 6/17.

MCP Coordination

Bill Gallagher (IAGWSPO) reviewed MCP issues.

- The Small Ranges Report will be submitted shortly. The Final Report will represent a Phase I MCP deliverable for several sites.

- An RCS-1 query will be completed this month to identify MCP exceedances. A letter will be forwarded later this month requesting additional release tracking numbers.
- Mark Panni (MADEP) indicated that previously requested RTNs should have been added to the internal database. These RTNs may not be available on the external web site.
- Len Pinaud (MADEP) to provide the Guard with a print out of all applicable MMR RTNs from the internal database.

IART Action Items

Tina Dolen (IAGWSPO) led the discussion on IART Action items.

Action Item 1. Ed Wise (ACE) was uncertain if the proper response to Ms. Hayes question was to reiterate the response to the previous action item regarding the contract award. Ms. Dolen indicated that it was her recollection that Ms. Hayes wanted this item discussed when other IART members, who were most interested in the contract award, were present at the meeting. The previous Action Item was reiterated to present this as a discussion topic. Ms. Dolen to review the IART meeting minutes to see if further response specific to Ms. Hayes' request is warranted.

Action Item 2. Regarding the request to see information on GAC treatment of Perchlorate from Dr. Frank Cannon. No further comment on response.

Action Item 3. Regarding Perchlorate sampling of CS-19 wells. Method detection limit for analysis of samples to be added to response.

Demo Area 1 Soil RRA/RAM

Heather Sullivan (ACE) reviewed the highlights of the approach and schedule for the proposed soil RRA at Demo 1. A handout describing the scope and approach and a proposed schedule for completion of the RRA was provided.

The RRA/RAM process will consist of the following tasks:

Submission of the Draft Final Soil Report to include incorporation of MCP requirements and characterization of Nature and Extent of Contamination. A supplemental PSI Workplan has been proposed to delineate explosives, perchlorates, and dyes in outer grids in the area. The Guard is looking for comments on the Supplemental PSI by 8/02 to adhere to the proposed schedule.

Environmental Risk Characterization schedule will be dependent on MADEP comments. MADEP may require field sampling, which would take 6-9 months. Because of this uncertainty, the tasks/dates for further activities are TBD for the schedule. An MOR for the characterization is expected by 8/02.

Post Screening Investigations, including data validation, are proposed to be completed by 12/16/02. Supplemental soil PSI is to be funded for FY03, but Ms. Sullivan/Corps to consider speeding up this sampling if the agencies approve the Supplemental PSI.

RRA/RAM Workplan will be submitted to address chemical contamination and geophysical anomalies within the footprint of the chemical contamination at Demo 1. The Guard is still reviewing options regarding EPAs directives to address geophysical anomalies outside the chemical contamination. The goal of the RRA/RAM will be to achieve a "no further action" for the Demo Soil OU that addresses the groundwater migration pathway, IDCI pathways and ecological receptors. The Workplan will have the following components

COC Identification Remediation levels will be developed for the COCs identified by all pathways. Ms. Sullivan to check on whether remediation levels for soil have already been developed using SESOIL.

Evaluation of Remedial Technologies

ITE Field Demonstrations Planning and Design will be initiated in the fall of 2002.

RRA/RAM Fieldwork is currently scheduled to start in 2/03.
RRA/RAM Completion Report will document the remediation and present information to support a "no further action" determination. Len Pinaud (MADEP) expressed concern that the proposed scope is too large for a RAM. Mr. Pinaud to consider and discuss internally with DEP.
Future Activities If the RRA/RAM is not successful in achieving "no further action" then additional characterization and FS/RD/RA or additional RRA/RAM would need to be conducted.

Demo Area 1 Groundwater OU

Joanne Muzzin (AMEC) reviewed the scope and approach of remediation for the Demo 1 Groundwater Operable Unit. An overview of the approach with attached schedule was distributed. The following tasks related to the approach/schedule were noted as follows:

Delineation of the Downgradient Extent of Contamination - Effort is ongoing while the RRA is being scoped/designed. The schedule assumes that delineation will be complete after the installation of D1P-15 and the agencies agree that the plume is adequately characterized.
Fluidized Bed Reactor Study – Study is ongoing to be completed September 02.
GW Modeling – Will be based on perchlorate plume shell, which will be the largest area of capture required. Todd Borci inquired as to the USGS' involvement in modeling activities. Heather Sullivan indicated that since AMEC has developed an updated model, the USGS has not been involved. Ms. Sullivan to talk to Don Walter (USGS) about being involved in the model review.
Coordination – with NStar regarding power supply, state and Guard regarding easements, and SHPO and Natural Heritage regarding sighting limitations.
Comparative Analysis – to evaluate treatment processes and to assess whether one or two treatment systems are appropriate for the two areas.
Conceptual Design – to be presented to the IART to be completed in 10/21/02.
Design Concurrence Project Note.
Draft RRA/RAM Plan to be submitted 3/14/03.
Final RRA/RAM Plan
RRA/RAM Remedy Implementation. Construction to begin by 6/03.
Groundwater Report Addendum
Revised Draft FS Report. The FS process will proceed forward with the implementation of the RRA/RAM.
Final FS Report
Remedy Selection
Remedial Design
Remedial Action
Operation and Maintenance

The Corps is looking for buy in/approval on the RRA/RAM scope from the agencies. Todd Borci indicated that they could provide buy in, but the approval of the schedule could not happen until an agreement is reached on plume delineation. Further discussion on schedule will be put on hold pending the installation/results from D1P-15.

2. SUMMARY OF DATA RECEIVED

Validated data were received during July for Sample Delivery Groups (SDGs) AMR001, AMR002, AMR003, AMR004, AMR005, AMR006, AMR007, AMR008, AMR009, AMR010, CEI111, CEI112, CEI115, CEI135, CEI136, CEI137, CEI138, CEI139, CEI140, CEI141, CEI142,

CEI143, CEI144, CEI145, CEI146, CEI147, CEI148, CEI149, CEI150, CEI151, CEI152, CEI153, CEI155, CEI156, CEI157, CEI158, CEI159, CEI163, CEI171, CEI172, CEI173, CEI174, CEI181, CEI184, CMR035, DMR005, DMR010, GMR001, GMR002, GMR003, GMR004, GMR005, GMR006, MMR753, MMR755, MMR764, MMR765, MMR766, MMR768, MMR777, MMR778, MMR780, MMR782, MMR787, MMR788, MMR793, MMR794, MMR795, MMR796, MMR797, MMR798, MMR799, MMR802, MMR803, MMR805, MMR808, MMR810, MMR811, MMR812, MMR813, MMR815, MMR818, MMR820, MMR823, MMR826, MMR827, MMR828, MMR835, MMR849, MMR859, MMR866, MMR888, MMR891, MMR892, MMR894, MMR932 and MMR936.

These SDGs contain results for two crater grab samples; 268 groundwater samples from residential wells, supply wells, monitoring wells, distribution points, and drivepoints; two process water samples from the FS-12 treatment system; 268 profile samples from monitoring wells 02-01, 02-02, 02-03, 02-05, 02-07, 02-08, 02-09, 02-13, MW-194, MW-200, MW-202, MW-203, MW-205, MW-206, MW-207, MW-208, MW-209, MW-210, MW-211, MW-212, MW-213, MW-215, MW-216, MW-217, MW-218, MW-219, and MW-221; 679 soil grab and grid samples from A, B, C, H, J, K, G, I, J-1, J-2, J-3, KD, U, Skeet, Former D, Former E, and Former F Ranges, Cleared Area 12, the RRA Containment Pad, Central Impact Area Targets 10, 27, 29, 32, 34, 46, 47, 48, 49, and 54, gun positions old GP-1, GP-2, old GP-2, old GP-3, GP-6, GP-7, GP-8, GP-10, GP-11, GP-15, GP-16, GP-17, and GP-24, and mortar positions MP-1 and MP-4; three surface water samples from Snake Pond, one filler sample of well fill material; and two other samples.

Validated Data

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

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

The concentrations from these analyses are depicted in Figures 1-7 compared to Maximum Contaminant Levels (MCLs) or Health Advisories (HAs) published by EPA for drinking water. The concentrations from Perchlorate analyses are depicted in Figure 8 compared to an EPA MMR Relevant Limit. A red circle is used to depict a well where the concentration of one or more analytes was greater than or equal to (GTE) the lowest MCL, HA, or EPA MMR Relevant Limit for the analyte(s). A yellow circle is used to depict a well where the concentration of all analytes was less than (LT) the lowest MCL, HA, or EPA MMR Relevant Limit. A green circle is used to depict a well where the given analytes were not detected. An open circle is used to depict an existing well where the analytes in question (for example, Explosives in Figure 1) have not yet been measured. Table 3 summarizes the detections that exceeded a MCL, HA, or EPA MMR Relevant Limit, sorted by analytical method and analyte, since 1997.

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

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

Figure 1: Explosives in Groundwater Compared to MCLs/HAs

For data validated in July 2002, one well, 19S (Demo Area1) had first time detections of 1,3-dinitrobenzene and nitroglycerin above the HAs. No wells had first time validated detections below the MCLs/HAs.

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

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

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

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

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

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

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

Figure 2: Metals in Groundwater Compared to MCLs/HAs

For data validated in July 2002, no wells had first time validated detections of metals above MCLs/HAs. Two wells, 19S (Demo 1) and 157M1 (Southeast of the Ranges), had first time validated detections below the MCL/HAs.

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

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

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

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

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

Figure 3: VOCs in Groundwater Compared to MCLs/HAs

For data validated in July 2002, no wells had first time validated detections of volatile organic compounds above MCLs/HAs. Thirty-six wells, 1-88A, B, M-6, M-7 (Bourne), 109S (KD Range), 110M1, 170M1, 56D, 7D, 93M2 (Central Impact Area), 114M2, 165M2, 31S (Demo Area 1) 131M2, 132S, 136S, 146M1, 147M1, 152M1, 153M1, 154M1, 157M2, M1, D, 164M1, 166M3, M2, M1, 187M1, D, 188S, M1, 190M1, 192M3, 197M3, 45S (Southeast of Ranges), had first time validated detections of various volatile organic compounds that did not exceed the 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) and in the J-1 Range (MW-187D). CS-10, LF-1, and FS-12 are sites located near the southern extent of the Training Ranges that are currently under investigation by AFCEE under the Superfund program. Exceedances of drinking water criteria were measured for tetrachloroethylene (PCE) at CS-10, for vinyl chloride at LF-1, and for

toluene, 1,2-dichloroethane, and ethylene dibromide (EDB) at FS-12. These compounds are believed to be associated with the sites under investigation by AFCEE. Detections of benzene, tert-butyl methyl ether, and chloromethane at J-1 Range well 187D are currently under investigation.

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

Figure 4: Chloroform in Groundwater Compared to MCLs

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

Figure 5: SVOCs in Groundwater Compared to MCLs/HAs

For data validated in July 2002, no wells had first time validated detections of semi-volatile organic compounds above MCLs/HAs. Twenty-five wells, 27MW0011C, D, 27MW0015A, C, 27MW0016C, 27MW0017A, B, 27MW2084 (LF-1), 152M2, M3, 154S, 163S, M3, M2, 187M1, D, 188S, M1, 191M1, 192M1, 196M1, 197M3, M2 (Southeast of the Ranges), 170M3, 70S (Central Impact Area) had first time validated detections of various semi-volatile organic compounds that did not exceed the MCLs/HAs.

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

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

Figure 6: BEHP in Groundwater Compared to MCLs

Exceedances of drinking water criteria for bis (2-ethylhexyl) phthalate (BEHP) are scattered throughout the study area. BEHP is believed to be largely an artifact of the investigation methods, introduced to the samples during collection or analysis. However, the potential that

some of the detections of BEHP are the result of activities conducted at MMR has not been ruled out.

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

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

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

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

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

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

For data validated in July 2002, six wells, OW-2 (Central Impact Area), 210M2, 211M2 (Demo Area 1), 58MW0009C (CS-19), 27MW0031B (LF-1) and 16MW0001 (CS-18) had first time validated detections of perchlorate that exceeded the EPA MMR Relevant Standard of 1.5 ppb. Seven wells, 00-4D, 02-08M3, 02-09M1, 97-2G (Bourne), 106M1, 38M3 (Central Impact Area), and 32S (Demo Area 1) had first time validated detections of perchlorate that did not exceed the EPA MMR Relevant Standard.

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

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

- Demo Area 1 (wells 19, 31, 32, 33, 34, 35, 73, 75, 76, 77, 78, 114, 129, 139, 162, 165, 172, 210, and 211);
- Central Impact Area and CS-19 (wells 58MW0009C and 58MW0015A and wells 91, 93, 99, 100, 101, 105, OW-1 and OW-2);
- J Ranges and southeast of the J Ranges (wells 125, 127, 128, 130, 132, 158, 163, 166, 193, 197 and 198 and wells 90MW0022 and 90MW0054);
- Northwest of Impact Area (well 66);
- West of Impact Area (well 80);
- LF-1 (well 27MW0031B); and
- CS-18 (well16MW0001).

Rush (Non-Validated) Data

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

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

- Groundwater samples from drivepoint 90SNP002 (Snake Pond) had a detection of RDX that was confirmed by PDA spectra, but with interference. This is the first detection of RDX that has been spectra confirmed at this drivepoint.

- Groundwater samples from wells 58MW0020B (CS-19); MW-75M2; MW-114M1; MW-129M1 (Demo Area 1); MW-161S (Demo Area 2); MW-166M1, M3 (J-1 Range); MW-193S (J-3 Range); MW-176M1 and duplicate; MW-178M1; MW-201M1, M2; MW-204M1 and duplicate, M2; MW-205M1; MW-207M1 and duplicate, M2; and MW-209M1 (Central Impact Area) had detections of RDX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.

- Groundwater samples from MW-206M1 (Former A Range) had detections of RDX and HMX that were confirmed by PDA spectra. This is the first sampling event for this well and the results were consistent with profile results.

- Groundwater samples from wells MW-166M2; MW-187M1; MW-191M1 (J-1 Range); MW-132S; MW-163S; MW-197M3; MW-198M3, M4 (J-3 Range) had detections of RDX and HMX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.

- Groundwater samples from MW-129M2 (Demo Area 1) had detections of RDX, HMX, and MNX that were confirmed by PDA spectra. These are the first detections of HMX and MNX at MW-129M2.

- Groundwater samples from MW-181S; MW-193M1; and MW-197M2 (J-3 Range) had detections of HMX that were confirmed by PDA spectra. The results were similar to previous sampling rounds.

- Groundwater samples from MW-196S (J-3 Range) had detections of 1,3,5-trinitrobenzene, TNT, 2A-DNT, 4A-DNT, RDX, HMX and picric acid. The explosives detections were confirmed by PDA spectra. The detection of RDX was confirmed by PDA spectra, but with interference. This is the first time RDX and picric acid have been detected in this well.

- Groundwater samples from MW-197M1 (J-3 Range) had a detection of nitroglycerin that was not confirmed by PDA spectra. Explosives were not detected in this well in the previous sampling round.

- Groundwater samples from MW-187D (J-1 Range) had detections of 2-nitrotoluene and picric acid that were not confirmed by PDA spectra. These explosives were not detected in previous sampling rounds.

- Groundwater samples from MW-216M2 (Containment Pad) had detections of carbon disulfide and toluene. This is the first sampling event and the results for toluene were consistent with profile results.

- Groundwater samples from Bourne wells 02-03M2, M3; 02-05M2, M3; 02-09M1; 02-13M1, M2; and Far Field wells MW-213M2, M3; and MW-80M1, M2 had detections of perchlorate. The results were similar to previous sampling rounds.

- Groundwater samples from Bourne monitoring well 02-01M1, M2; 02-02S; 02-03M1; 02-07M3; and 02-12M3 had detections of perchlorate. This is the first time perchlorate has been detected in these wells.

- Groundwater samples from 4036000-04G (Bourne supply well) had a detection of perchlorate. This is the first detection of perchlorate since April.

- Groundwater samples from 02-10M3 (Bourne) had a detection of perchlorate. This is the first sampling event and the perchlorate detection was consistent with profile results.

- Groundwater samples from 02-09M2 (Bourne) had detections of perchlorate and acetone. The results were similar to previous sampling rounds except that acetone has never been detected in this well.

- Groundwater samples from Bourne test well 1-88A had detections of perchlorate and toluene. The results were similar to previous sampling rounds.

- Groundwater samples from 02-04M1 (Bourne) had detections of perchlorate, acetone and trichloroethylene (TCE). The results were similar to previous sampling rounds, except that acetone has never been a validated detection in this well.

- Groundwater samples from 02-04M2 (Bourne) had a detection of TCE. The results were similar to previous sampling rounds.

- Groundwater samples from 02-10M2 (Bourne) had a detection of acetone. This is the first detection of acetone in this well.

- Groundwater samples from WS-4 (Base water supply) and 02-09S (Bourne) had detections of acetone. Acetone has never been detected in these wells.

- Groundwater samples collected during the step and aquifer test of PW-1 (Central Impact Area) had detections of RDX and perchlorate. The detection of RDX was confirmed by PDA spectra. These detections are consistent with previous sampling results.

- Forty-six groundwater samples and duplicate samples from Bourne sentry, monitoring, and test wells had detections of chloroform.

- Groundwater profile samples from MW-226 (BP-1) had detections of perchlorate (8 intervals) and nitroglycerin (2 intervals). The detections of nitroglycerin were not confirmed by PDA spectra.

- Groundwater profile samples from MW-228 (J2P-15) had detections of 1,3,5-trinitrobenzene (1 interval), 1,3-dinitrobenzene (4 intervals), 2,4-DNT (1 interval), 2,6-DANT (1 interval), 2,6-DNT (2 intervals), 2-nitrotoluene (5 intervals), 4A-DNT (2 intervals), 4-nitrotoluene (6 intervals), RDX (2 intervals), nitroglycerin (15 intervals), HMX (2 intervals), picric acid (10 intervals), 2-hexanone (3 intervals), acetone (18 intervals), benzene (2 intervals), chlorobenzene (1 interval), chloroethane (2 intervals), chloroform (14 intervals), chloromethane (3 intervals), 2-butanone (16 intervals), methyl isobutyl ketone (3 intervals), and methylene chloride (1 interval). The detections of 2,6-DNT, RDX and HMX were confirmed by PDA spectra. The detection of 2,6-DANT, three detections of 2-nitrotoluene and one detection of nitroglycerin were confirmed by PDA spectra, but with interference. Two detections of 2-nitrotoluene were not confirmed by PDA spectra, but with interference.

- Groundwater profile samples from MW-229 (J2P-13) had detections of 1,3,5-trinitrobenzene (1 interval), 1,3-dinitrobenzene (1 interval), TNT (1 interval), 2,6-DNT (1 interval), 2A-DNT (1 interval), 2-nitrotoluene (2 intervals), 3-nitrotoluene (5 intervals), 4A-DNT (5 intervals), RDX (1 interval), nitroglycerin (18 intervals), PETN (2 intervals), picric acid (8 intervals), perchlorate (4 intervals), 2-hexanone (2 intervals), acetone (24 intervals), chloroethane (1 interval), chloroform (16 intervals), chloromethane (6 intervals), 2-butanone (24 intervals) and methyl isobutyl ketone (6 intervals). The detections of 2,6-DNT and 2-nitrotoluene, one

detection of nitroglycerin, and one detection of picric acid and one detection of 3-nitrotoluene were confirmed by PDA spectra.

- Groundwater profile samples from MW-230 (J2P-14) had detections of TNT (1 interval), 2,4-DANT (2 intervals), 2,4-DNT (1 interval), 2,6-DNT (4 intervals), 2A-DNT (4 intervals), 2-nitrotoluene (2 intervals), 3-nitrotoluene (3 intervals), 4A-DNT (10 intervals), 4-nitrotoluene (7 intervals), RDX (8 intervals), nitrobenzene (5 intervals), nitroglycerin (24 intervals), HMX (1 interval), picric acid (6 intervals), perchlorate (3 intervals), 2-hexanone (11 intervals), acetone (25 intervals), benzene (3 intervals), carbon disulfide (2 intervals), chloroethane (6 intervals), chloroform (13 intervals), chloromethane (14 intervals), 2-butanone (24 intervals), methyl isobutyl ketone (7 intervals), and toluene (6 intervals). Two detections of 2,6-DNT and the detection of HMX were confirmed by PDA spectra. One detection of 2,6-DNT and one detection of RDX were confirmed by PDA spectra, but with interference.

- Groundwater profile samples from MW-231 (D1P-14) had detections of 1,3,5-trinitrobenzene (10 intervals), 1,3-dinitrobenzene (4 intervals), TNT (5 intervals), 2,4-DANT (11 intervals), 2A-DNT (1 interval), 2-nitrotoluene (7 intervals), 3-nitrotoluene (1 interval), 4A-DNT (14 intervals), 4-nitrotoluene (2 intervals), RDX (6 intervals), nitroglycerin (18 intervals), PETN (1 interval), picric acid (14 intervals) and perchlorate (6 intervals). None of the detections of explosives were confirmed by PDA spectra.

- Groundwater profile samples from MW-232 (J3P-17) had detections of 1,3,5-trinitrobenzene (1 interval), 1,3-dinitrobenzene (1 interval), 2-nitrotoluene (2 intervals), 4-nitrotoluene (1 interval), RDX (1 interval), nitroglycerin (6 intervals), picric acid (5 intervals), perchlorate (4 intervals), acetone (13 intervals), chloroform (3 intervals), 2-butanone (12 intervals). None of the detections of explosives were confirmed by PDA spectra.

3. DELIVERABLES SUBMITTED

Deliverables submitted during the reporting period include the following:

Weekly Progress Update for June 24 – June 28, 2002	07/05/2002
June 2002 Monthly Progress Report	07/09/2002
Weekly Progress Update for July 1 – July 5, 2002	07/11/2002
Final IAGWSP Technical Memo 02-1 Former A, Former K, and Demo Area 2 Report	07/12/2002
Weekly Progress Update for July 8 – July 12, 2002	07/17/2002
Draft Summary Report October – December 2001 UXO Detonations	07/22/2002
Weekly Progress Update for July 14 – July 19, 2002	07/25/2002

4. SCHEDULED ACTIONS

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

- Start Demolition Area 1 Groundwater Report Addendum preparation
- Start Demolition Area 1 Soil Draft Report revision
- Finish HUTA 1 Revised Draft Final Report
- Continue HUTA 2 Site #1 Draft Report revision
- Continue HUTA 2 Site #2 Draft Report revision

- Continue HUTA 2 Site #3 Draft Report revision
- Continue HUTA 2 Site #4 Draft Report
- Continue HUTA 2 Site #5 Draft Report
- Continue J-1/J-3/L Range Additional Delineation Draft Report revision
- Finish Gun and Mortar Firing Positions Draft Additional Delineation Workplan Report
- Finish Phase II(b) Draft Final Report
- Finish Phase II(b) Draft SAR Report
- Continue Revised MSP Phase I Draft Report revision
- Finish MSP2 Demo Area 1 Validation Final Report
- Finish MSP2 Slit Trench Validation Final Report
- Finish MSP2 ASP Geophysics Final Report
- Finish MSP2 Former K Range Final Report
- Finish MSP2 Former A Range Final Report
- Continue MSP3 Eastern Test Site Draft Report preparation
- Continue Demo Area 1 Soil Feasibility Study Screening Draft Report revision
- Continue Demo Area 1 Groundwater Feasibility Study Draft Report revision
- Finish Central Impact Area Draft Pump Test Report
- Continue UXO Feasibility Study Screening Draft Report revision

5. SUMMARY OF ACTIVITIES FOR DEMO 1

Additional delineation of the downgradient portion of the groundwater plume is being conducted prior to finalizing the Feasibility Study for the Groundwater Operable Unit and as the Interim Action for groundwater remediation is being designed. Pumping and treating groundwater at the toe of the Demo 1 plume and at Frank Perkins Road has been selected as an Interim Action to address the Demo 1 Area Groundwater Operable Unit. A Rapid Response Action/Release Abatement Measure is being planned to address soil contamination at Demo 1. A letter to the agencies detailing a work plan for the Demo Area 1 soil investigations to define the lateral extent of contamination was submitted on July 12, 2002. An approach, scope and schedule for the Soil and Groundwater OUs that integrates the RRA/RAM activities was submitted and discussed at the July 25th weekly Technical Team meeting.

TABLE 2
SAMPLING PROGRESS
7/1/2002 - 7/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
90PZ0201E	FIELDQC	07/10/2002	FIELDQC	0.00	0.00		
97-1	FIELDQC	07/05/2002	FIELDQC	0.00	0.00		
97-1T	FIELDQC	07/05/2002	FIELDQC	0.00	0.00		
97-2FE	FIELDQC	07/22/2002	FIELDQC	0.00	0.00		
DW070902B	FIELDQC	07/09/2002	FIELDQC	0.00	0.00		
G228DCE	FIELDQC	07/08/2002	FIELDQC	0.00	0.00		
G229DAE	FIELDQC	07/09/2002	FIELDQC	0.00	0.00		
G229DBT	FIELDQC	07/09/2002	FIELDQC	0.00	0.00		
G229DKE	FIELDQC	07/11/2002	FIELDQC	0.00	0.00		
G229DQE	FIELDQC	07/12/2002	FIELDQC	0.00	0.00		
G229DXT	FIELDQC	07/15/2002	FIELDQC	0.00	0.00		
G230DCE	FIELDQC	07/10/2002	FIELDQC	0.00	0.00		
G230DPE	FIELDQC	07/15/2002	FIELDQC	0.00	0.00		
G230DVE	FIELDQC	07/16/2002	FIELDQC	0.00	0.00		
G230DWT	FIELDQC	07/17/2002	FIELDQC	0.00	0.00		
G230DXE	FIELDQC	07/17/2002	FIELDQC	0.00	0.00		
G231DBE	FIELDQC	07/23/2002	FIELDQC	0.00	0.00		
G231DHE	FIELDQC	07/24/2002	FIELDQC	0.00	0.00		
G231METHAE	FIELDQC	07/23/2002	FIELDQC	0.00	0.00		
G231METHHE	FIELDQC	07/24/2002	FIELDQC	0.00	0.00		
G232DNE	FIELDQC	07/25/2002	FIELDQC	0.00	0.00		
HC101PQ1AAE	FIELDQC	07/16/2002	FIELDQC	0.00	0.00		
HC101PQ1BAE	FIELDQC	07/01/2002	FIELDQC	0.00	0.00		
M-1CAE	FIELDQC	07/19/2002	FIELDQC	0.00	0.00		
M-7BAE	FIELDQC	07/20/2002	FIELDQC	0.00	0.00		
S228DAE	FIELDQC	07/17/2002	FIELDQC	0.00	0.00		
S228DJE	FIELDQC	07/18/2002	FIELDQC	0.00	0.00		
SYRINGE-ER	FIELDQC	07/02/2002	FIELDQC	0.00	0.00		
SYRINGE-TB	FIELDQC	07/02/2002	FIELDQC	0.00	0.00		
TW01-88BE	FIELDQC	07/23/2002	FIELDQC	0.00	0.00		
TW1-88AE	FIELDQC	07/11/2002	FIELDQC	0.00	0.00		
TW1-88BE	FIELDQC	07/31/2002	FIELDQC	0.00	0.00		
W02-02SSE	FIELDQC	07/08/2002	FIELDQC	0.00	0.00		
W02-02SST	FIELDQC	07/08/2002	FIELDQC	0.00	0.00		
W02-07M1T	FIELDQC	07/30/2002	FIELDQC	0.00	0.00		
W02-13M2T	FIELDQC	07/11/2002	FIELDQC	0.00	0.00		
W02-13M3E	FIELDQC	07/24/2002	FIELDQC	0.00	0.00		
W120M1F	FIELDQC	07/08/2002	FIELDQC	0.00	0.00		
W120M1F	FIELDQC	07/09/2002	FIELDQC	0.00	0.00		
W177M1T	FIELDQC	07/26/2002	FIELDQC	0.00	0.00		
W186M2T	FIELDQC	07/29/2002	FIELDQC	0.00	0.00		
W190M1T	FIELDQC	07/18/2002	FIELDQC	0.00	0.00		
W191M1T	FIELDQC	07/25/2002	FIELDQC	0.00	0.00		
W193SSE	FIELDQC	07/11/2002	FIELDQC	0.00	0.00		
W195SST	FIELDQC	07/12/2002	FIELDQC	0.00	0.00		
W196M1E	FIELDQC	07/15/2002	FIELDQC	0.00	0.00		
W196SSE	FIELDQC	07/12/2002	FIELDQC	0.00	0.00		
W197M1E	FIELDQC	07/16/2002	FIELDQC	0.00	0.00		
W197M1T	FIELDQC	07/16/2002	FIELDQC	0.00	0.00		
W197M2E	FIELDQC	07/17/2002	FIELDQC	0.00	0.00		

Profiling methods include: Volatiles and Explosives
Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, and Wet Chemistry
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TABLE 2
SAMPLING PROGRESS
7/1/2002 - 7/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W197M2E	FIELDQC	07/19/2002	FIELDQC	0.00	0.00		
W197M3E	FIELDQC	07/18/2002	FIELDQC	0.00	0.00		
W198M1E	FIELDQC	07/23/2002	FIELDQC	0.00	0.00		
W198M1T	FIELDQC	07/23/2002	FIELDQC	0.00	0.00		
W198M2E	FIELDQC	07/24/2002	FIELDQC	0.00	0.00		
W198M2T	FIELDQC	07/24/2002	FIELDQC	0.00	0.00		
W198M3E	FIELDQC	07/22/2002	FIELDQC	0.00	0.00		
W198M3T	FIELDQC	07/22/2002	FIELDQC	0.00	0.00		
W198M4E	FIELDQC	07/19/2002	FIELDQC	0.00	0.00		
W198M4T	FIELDQC	07/19/2002	FIELDQC	0.00	0.00		
W216M2T	FIELDQC	07/31/2002	FIELDQC	0.00	0.00		
W55SST	FIELDQC	07/10/2002	FIELDQC	0.00	0.00		
W57M2T	FIELDQC	07/01/2002	FIELDQC	0.00	0.00		
WS-4ASE	FIELDQC	07/25/2002	FIELDQC	0.00	0.00		
4036000-01G	4036000-01G	07/03/2002	GROUNDWATER	0.00	0.00	6.00	12.00
4036000-01G	4036000-01G	07/10/2002	GROUNDWATER	0.00	0.00	6.00	12.00
4036000-01G	4036000-01G	07/17/2002	GROUNDWATER	0.00	0.00	6.00	12.00
4036000-01G	4036000-01G	07/24/2002	GROUNDWATER				
4036000-01G	4036000-01G	07/31/2002	GROUNDWATER				
4036000-03G	4036000-03G	07/03/2002	GROUNDWATER	0.00	0.00	6.00	12.00
4036000-03G	4036000-03G	07/10/2002	GROUNDWATER	0.00	0.00	6.00	12.00
4036000-03G	4036000-03G	07/17/2002	GROUNDWATER	0.00	0.00	6.00	12.00
4036000-03G	4036000-03G	07/24/2002	GROUNDWATER				
4036000-03G	4036000-03G	07/31/2002	GROUNDWATER				
4036000-04G	4036000-04G	07/03/2002	GROUNDWATER	0.00	0.00	6.00	12.00
4036000-04G	4036000-04G	07/10/2002	GROUNDWATER	0.00	0.00	6.00	12.00
4036000-04G	4036000-04G	07/17/2002	GROUNDWATER	0.00	0.00	6.00	12.00
4036000-04G	4036000-04G	07/24/2002	GROUNDWATER				
4036000-04G	4036000-04G	07/31/2002	GROUNDWATER				
4036000-06G	4036000-06G	07/03/2002	GROUNDWATER	0.00	0.00	6.00	12.00
4036000-06G	4036000-06G	07/10/2002	GROUNDWATER	0.00	0.00	6.00	12.00
4036000-06G	4036000-06G	07/17/2002	GROUNDWATER	0.00	0.00	6.00	12.00
4036000-06G	4036000-06G	07/24/2002	GROUNDWATER				
4036000-06G	4036000-06G	07/31/2002	GROUNDWATER				
4036000-06GD	4036000-06G	07/17/2002	GROUNDWATER	0.00	0.00	6.00	12.00
4036000-06GD	4036000-06G	07/31/2002	GROUNDWATER				
90PZ0201	90PZ0201	07/10/2002	GROUNDWATER	78.20	107.10	65.30	94.20
90SNP0001	90SNP001	07/15/2002	GROUNDWATER	0.00	0.00	1.00	1.00
90SNP0001	90SNP001	07/30/2002	GROUNDWATER				
90SNP0002	90SNP002	07/15/2002	GROUNDWATER	0.00	0.00	1.00	1.00
90SNP0002	90SNP002	07/30/2002	GROUNDWATER				
97-1	97-1	07/05/2002	GROUNDWATER	83.00	93.00	62.00	72.00
97-2	97-2	07/05/2002	GROUNDWATER	75.00	85.00	53.00	63.00
97-2BA	97-2B	07/22/2002	GROUNDWATER		121.70		75.40
97-2CA	97-2C	07/22/2002	GROUNDWATER		132.00		68.00
97-2DA	97-2D	07/22/2002	GROUNDWATER		115.40		82.90
97-2EA	97-2E	07/22/2002	GROUNDWATER		94.50		49.80
97-2ED	97-2E	07/22/2002	GROUNDWATER		94.50		49.80
97-2FA	97-2F	07/22/2002	GROUNDWATER		120.00		76.70
97-2GA	97-2G	07/22/2002	GROUNDWATER		115.40		73.70

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TABLE 2
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7/1/2002 - 7/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
97-3	97-3	07/05/2002	GROUNDWATER	75.00	85.00	36.00	46.00
97-5	97-5	07/08/2002	GROUNDWATER	88.00	94.00	76.00	86.00
M-1BAA	M-1	07/19/2002	GROUNDWATER		45.00		2.15
M-1CAA	M-1	07/19/2002	GROUNDWATER		55.00		12.15
M-1DAA	M-1	07/19/2002	GROUNDWATER		65.00		22.15
M-2BAA	M-2	07/19/2002	GROUNDWATER		65.00		1.50
M-2CAA	M-2	07/19/2002	GROUNDWATER		75.00		11.50
M-2DAA	M-2	07/19/2002	GROUNDWATER		85.00		21.50
M-2DAD	M-2	07/19/2002	GROUNDWATER		85.00		21.50
M-3BAA	M-3	07/19/2002	GROUNDWATER		65.00		6.80
M-3CAA	M-3	07/19/2002	GROUNDWATER		75.00		16.80
M-3DAA	M-3	07/19/2002	GROUNDWATER		85.00		26.80
M-4BAA	M-4	07/20/2002	GROUNDWATER		69.00		8.20
M-4BAD	M-4	07/20/2002	GROUNDWATER		69.00		8.20
M-4CAA	M-4	07/20/2002	GROUNDWATER		79.00		18.20
M-4DAA	M-4	07/20/2002	GROUNDWATER		89.00		28.20
M-5BAA	M-5	07/20/2002	GROUNDWATER		65.00		7.20
M-5CAA	M-5	07/20/2002	GROUNDWATER		75.00		17.20
M-5DAA	M-5	07/20/2002	GROUNDWATER		85.00		27.20
M-6BAA	M-6	07/20/2002	GROUNDWATER		59.00		7.30
M-6CAA	M-6	07/20/2002	GROUNDWATER		69.00		17.30
M-6DAA	M-6	07/20/2002	GROUNDWATER		79.00		27.30
M-7BAA	M-7	07/20/2002	GROUNDWATER		59.00		2.99
M-7CAA	M-7	07/20/2002	GROUNDWATER		65.00		8.99
M-7DAA	M-7	07/20/2002	GROUNDWATER		75.00		18.99
MW00-4A	00-4	07/23/2002	GROUNDWATER	64.00	70.00	38.00	44.00
OW00-1DA	00-1D	07/25/2002	GROUNDWATER	91.00	97.00	48.30	54.30
RANGECON	RANGECON	07/16/2002	GROUNDWATER	230.00	240.00	30.00	40.00
SPRING1A	SPRING1	07/18/2002	GROUNDWATER				
TW00-4DAA	00-4D	07/25/2002	GROUNDWATER		75.00	45.00	45.00
TW00-4DBA	00-4D	07/25/2002	GROUNDWATER		85.00	55.00	55.00
TW00-5A	00-5	07/23/2002	GROUNDWATER	50.00	56.00	15.50	21.50
TW00-6A	00-6	07/23/2002	GROUNDWATER	36.00	42.00	9.60	15.60
TW00-7A	00-7	07/23/2002	GROUNDWATER	57.00	63.00	25.50	31.50
TW01-1A	01-1	07/23/2002	GROUNDWATER	62.00	67.00	55.21	60.21
TW01-2A	01-2	07/23/2002	GROUNDWATER	50.00	56.00	24.50	30.50
TW1-88AA	1-88	07/03/2002	GROUNDWATER				67.40
TW1-88AA	1-88	07/11/2002	GROUNDWATER				67.40
TW1-88AA	1-88	07/17/2002	GROUNDWATER				67.40
TW1-88AA	1-88	07/24/2002	GROUNDWATER				67.40
TW1-88AA	1-88	07/31/2002	GROUNDWATER				67.40
TW1-88AD	1-88	07/17/2002	GROUNDWATER				67.40
TW1-88BA	1-88	07/23/2002	GROUNDWATER				69.60
TW1-88BA	1-88	07/31/2002	GROUNDWATER				69.60
USCGANTST	USCGANTST	07/29/2002	GROUNDWATER				
W02-01M1A	02-01	07/27/2002	GROUNDWATER	95.00	105.00	42.90	52.90
W02-01M2A	02-01	07/27/2002	GROUNDWATER	83.00	93.00	30.90	40.90
W02-01M2D	02-01	07/27/2002	GROUNDWATER	83.00	93.00	30.90	40.90
W02-02M1A	02-02	07/05/2002	GROUNDWATER	114.50	124.50	63.50	73.50
W02-02M2A	02-02	07/05/2002	GROUNDWATER	94.50	104.50	42.65	52.65

Profiling methods include: Volatiles and Explosives
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TABLE 2
SAMPLING PROGRESS
7/1/2002 - 7/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W02-02M2A	02-02	07/12/2002	GROUNDWATER	94.50	104.50	42.65	52.65
W02-02SSA	02-02	07/08/2002	GROUNDWATER	49.50	59.50	0.00	10.00
W02-02SSA	02-02	07/12/2002	GROUNDWATER	49.50	59.50	0.00	10.00
W02-03M1A	02-03	07/27/2002	GROUNDWATER	130.00	140.00	86.10	96.10
W02-03M2A	02-03	07/27/2002	GROUNDWATER	92.00	102.00	48.15	58.15
W02-03M3A	02-03	07/27/2002	GROUNDWATER	75.00	85.00	31.05	41.05
W02-04M1A	02-04	07/27/2002	GROUNDWATER	123.00	133.00	73.97	83.97
W02-04M2A	02-04	07/27/2002	GROUNDWATER	98.00	108.00	48.93	58.93
W02-04M3A	02-04	07/27/2002	GROUNDWATER	83.00	93.00	34.01	44.01
W02-05M1A	02-05	07/25/2002	GROUNDWATER	110.00	120.00	81.44	91.44
W02-05M2A	02-05	07/24/2002	GROUNDWATER	92.00	102.00	63.41	73.41
W02-05M3A	02-05	07/25/2002	GROUNDWATER	70.00	80.00	41.37	51.37
W02-07M1A	02-07	07/30/2002	GROUNDWATER	135.00	145.00	101.14	111.14
W02-07M2A	02-07	07/29/2002	GROUNDWATER	107.00	117.00	72.86	82.86
W02-07M3A	02-07	07/30/2002	GROUNDWATER	47.00	57.00	13.00	23.00
W02-07M3D	02-07	07/30/2002	GROUNDWATER	47.00	57.00	13.00	23.00
W02-08M1A	02-08	07/27/2002	GROUNDWATER	108.00	113.00	86.56	91.56
W02-08M2A	02-08	07/27/2002	GROUNDWATER	82.00	87.00	60.65	65.65
W02-08M3A	02-08	07/27/2002	GROUNDWATER	62.00	67.00	40.58	45.58
W02-09M1A	02-09	07/30/2002	GROUNDWATER	74.00	84.00	65.26	75.26
W02-09M2A	02-09	07/30/2002	GROUNDWATER	59.00	69.00	50.30	60.30
W02-09SSA	02-09	07/29/2002	GROUNDWATER	7.00	17.00	0.00	10.00
W02-10M1A	02-10	07/30/2002	GROUNDWATER	135.00	145.00	94.00	104.00
W02-10M2A	02-10	07/29/2002	GROUNDWATER	110.00	120.00	68.61	78.61
W02-10M3A	02-10	07/29/2002	GROUNDWATER	85.00	95.00	43.65	53.65
W02-12M1A	02-12	07/03/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M1A	02-12	07/10/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M1A	02-12	07/17/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M1A	02-12	07/24/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M1D	02-12	07/03/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M1D	02-12	07/24/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M2A	02-12	07/03/2002	GROUNDWATER	94.00	104.00	43.21	53.21
W02-12M2A	02-12	07/10/2002	GROUNDWATER	94.00	104.00	43.21	53.21
W02-12M2A	02-12	07/17/2002	GROUNDWATER	94.00	104.00	43.21	53.21
W02-12M2A	02-12	07/24/2002	GROUNDWATER	94.00	104.00	43.21	53.21
W02-12M2A	02-12	07/31/2002	GROUNDWATER	94.00	104.00	42.71	52.71
W02-12M3A	02-12	07/03/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-12M3A	02-12	07/10/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-12M3A	02-12	07/17/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-12M3A	02-12	07/24/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-12M3A	02-12	07/31/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-12M3D	02-12	07/10/2002	GROUNDWATER	79.00	89.00	28.22	38.22
W02-13M1A	02-13	07/03/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M1A	02-13	07/11/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M1A	02-13	07/17/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M1A	02-13	07/24/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M1A	02-13	07/31/2002	GROUNDWATER	98.00	108.00	57.05	67.05
W02-13M2A	02-13	07/03/2002	GROUNDWATER	94.00	104.00	44.20	54.20
W02-13M2A	02-13	07/05/2002	GROUNDWATER	94.00	104.00	44.20	54.20
W02-13M2A	02-13	07/11/2002	GROUNDWATER	83.00	93.00	44.20	54.20

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7/1/2002 - 7/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W02-13M2A	02-13	07/17/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M2A	02-13	07/24/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M2A	02-13	07/31/2002	GROUNDWATER	83.00	93.00	42.02	52.02
W02-13M3A	02-13	07/05/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-13M3A	02-13	07/11/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-13M3A	02-13	07/12/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-13M3A	02-13	07/17/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-13M3A	02-13	07/24/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-13M3A	02-13	07/31/2002	GROUNDWATER	68.00	78.00	27.10	37.10
W02-15M1A	02-15	07/05/2002	GROUNDWATER	125.00	135.00	75.63	85.63
W02-15M1A	02-15	07/12/2002	GROUNDWATER	125.00	135.00	75.63	85.63
W02-15M2A	02-15	07/05/2002	GROUNDWATER	101.00	111.00	51.50	61.50
W02-15M3A	02-15	07/05/2002	GROUNDWATER	81.00	91.00	31.40	41.40
W02-15M3A	02-15	07/12/2002	GROUNDWATER	81.00	91.00	31.40	41.40
W02-15M3D	02-15	07/05/2002	GROUNDWATER	81.00	91.00	31.40	41.40
W104M2A	MW-104	07/02/2002	GROUNDWATER	135.00	145.00	17.00	27.00
W104SSA	MW-104	07/02/2002	GROUNDWATER	118.00	128.00	0.00	10.00
W111M1A	MW-111	07/01/2002	GROUNDWATER	224.00	234.00	92.00	102.00
W111M2A	MW-111	07/01/2002	GROUNDWATER	182.00	192.00	50.00	60.00
W111M3A	MW-111	07/02/2002	GROUNDWATER	165.00	175.00	33.00	43.00
W120M1A	MW-120	07/08/2002	GROUNDWATER	260.00	270.00	152.00	167.00
W120M1D	MW-120	07/08/2002	GROUNDWATER	260.00	270.00	152.00	167.00
W129M1A	MW-129	07/10/2002	GROUNDWATER	136.00	146.00	66.00	76.00
W129M2A	MW-129	07/10/2002	GROUNDWATER	116.00	126.00	46.00	56.00
W130M1A	MW-130	07/10/2002	GROUNDWATER	160.00	170.00	57.00	67.00
W134M1A	MW-134	07/01/2002	GROUNDWATER	250.00	260.00	105.00	115.00
W134M2A	MW-134	07/05/2002	GROUNDWATER	135.00	145.00	25.00	35.00
W134SSA	MW-134	07/05/2002	GROUNDWATER	133.00	143.00	0.00	10.00
W135M3A	MW-135	07/02/2002	GROUNDWATER	239.00	249.00	53.00	63.00
W137SSA	MW-137	07/08/2002	GROUNDWATER	105.40	115.40	1.00	11.00
W138M1A	MW-138	07/02/2002	GROUNDWATER	253.00	263.00	132.00	142.00
W138M2A	MW-138	07/02/2002	GROUNDWATER	151.00	161.00	30.00	40.00
W138M3A	MW-138	07/02/2002	GROUNDWATER	135.00	145.00	25.00	35.00
W138M3D	MW-138	07/02/2002	GROUNDWATER	135.00	145.00	25.00	35.00
W13DDA	MW-13	07/01/2002	GROUNDWATER	220.00	225.00	145.00	150.00
W13SSA	MW-13	07/01/2002	GROUNDWATER	73.00	83.00	0.00	10.00
W142SSA	MW-142	07/08/2002	GROUNDWATER	42.00	52.00	2.00	12.00
W144M2A	MW-144	07/10/2002	GROUNDWATER	130.00	140.00	109.00	119.00
W144M2D	MW-144	07/10/2002	GROUNDWATER	130.00	140.00	109.00	119.00
W146M1A	MW-146	07/09/2002	GROUNDWATER	166.00	171.00	75.00	80.00
W146M1D	MW-146	07/09/2002	GROUNDWATER	166.00	171.00	75.00	80.00
W146SSA	MW-146	07/09/2002	GROUNDWATER	92.00	102.00	1.00	11.00
W147M1A	MW-147	07/09/2002	GROUNDWATER	167.00	177.00	94.00	104.00
W148SSA	MW-148	07/01/2002	GROUNDWATER	61.00	71.00	0.00	10.00
W149M1A	MW-149	07/08/2002	GROUNDWATER	237.50	247.50	136.00	146.00
W149SSA	MW-149	07/08/2002	GROUNDWATER	105.50	115.50	4.00	14.00
W153M1A	MW-153	07/09/2002	GROUNDWATER	199.00	209.00	108.00	118.00
W153M2A	MW-153	07/09/2002	GROUNDWATER	144.00	154.00	53.00	63.00
W153M3A	MW-153	07/09/2002	GROUNDWATER	124.00	134.00	33.00	43.00
W153M3D	MW-153	07/09/2002	GROUNDWATER	124.00	134.00	33.00	43.00

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TABLE 2
SAMPLING PROGRESS
7/1/2002 - 7/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W155M1A	MW-155	07/16/2002	GROUNDWATER	124.00	134.00	99.00	109.00
W155M2A	MW-155	07/16/2002	GROUNDWATER	45.00	55.00	20.00	30.00
W155M2D	MW-155	07/16/2002	GROUNDWATER	45.00	55.00	20.00	30.00
W15DDA	MW-15	07/02/2002	GROUNDWATER	324.00	334.00	217.00	227.00
W15M1A	MW-15	07/02/2002	GROUNDWATER	163.00	173.00	55.00	65.00
W15M2A	MW-15	07/02/2002	GROUNDWATER	144.00	154.00	36.00	46.00
W15M3A	MW-15	07/02/2002	GROUNDWATER	124.00	134.00	16.00	26.00
W161SSA	MW-161	07/02/2002	GROUNDWATER	145.50	155.50	6.00	16.00
W163SSA	MW-163	07/02/2002	GROUNDWATER	38.00	48.00	0.00	10.00
W166M3A	MW-166	07/01/2002	GROUNDWATER	125.00	135.00	19.00	29.00
W170M1A	MW-170	07/09/2002	GROUNDWATER	265.00	275.00	162.00	172.00
W170M2A	MW-170	07/10/2002	GROUNDWATER	198.00	208.00	95.00	105.00
W170M3A	MW-170	07/10/2002	GROUNDWATER	123.00	133.00	20.00	30.00
W176M1A	MW-176	07/18/2002	GROUNDWATER	270.00	280.00	158.55	168.55
W176M1D	MW-176	07/18/2002	GROUNDWATER	270.00	280.00	158.55	168.55
W176M2A	MW-176	07/19/2002	GROUNDWATER	229.00	239.00	115.17	125.17
W177M1A	MW-177	07/26/2002	GROUNDWATER	375.00	385.00	186.20	196.20
W177M2A	MW-177	07/26/2002	GROUNDWATER	278.00	288.00	87.30	97.30
W178M1A	MW-178	07/26/2002	GROUNDWATER	257.00	267.00	117.00	127.00
W178M2A	MW-178	07/25/2002	GROUNDWATER	167.00	177.00	27.00	37.00
W179DDA	MW-179	07/26/2002	GROUNDWATER	329.00	339.00	188.10	198.10
W179M1A	MW-179	07/25/2002	GROUNDWATER	187.00	197.00	46.10	56.10
W17DDA	MW-17	07/01/2002	GROUNDWATER	320.00	330.00	196.00	206.00
W181SSA	MW-181	07/26/2002	GROUNDWATER	32.00	42.00	0.00	10.00
W186M1A	MW-186	07/30/2002	GROUNDWATER	202.00	212.00	79.50	89.50
W186M2A	MW-186	07/29/2002	GROUNDWATER	182.00	192.00	59.60	69.60
W187DDA	MW-187	07/10/2002	GROUNDWATER	306.00	316.00	199.50	209.50
W187DDA	MW-187	07/11/2002	GROUNDWATER	306.00	316.00	199.50	209.50
W187M1A	MW-187	07/15/2002	GROUNDWATER	160.00	170.00	51.30	61.30
W187SSA	MW-187	07/15/2002	GROUNDWATER	103.00	113.00	0.00	10.00
W188M1A	MW-188	07/18/2002	GROUNDWATER	155.00	165.00	41.10	51.10
W188M1A	MW-188	07/18/2002	GROUNDWATER	155.00	165.00	41.10	51.10
W188SSA	MW-188	07/23/2002	GROUNDWATER	109.00	119.00	0.00	10.00
W189SSA	MW-189	07/18/2002	GROUNDWATER	94.00	104.00	0.00	7.16
W189SSA	MW-189	07/18/2002	GROUNDWATER	94.00	104.00	0.00	7.16
W18DDA	MW-18	07/01/2002	GROUNDWATER	265.00	275.00	222.00	232.00
W18M1A	MW-18	07/01/2002	GROUNDWATER	171.00	176.00	128.00	133.00
W18M1D	MW-18	07/01/2002	GROUNDWATER	171.00	176.00	128.00	133.00
W18M2A	MW-18	07/01/2002	GROUNDWATER	107.00	112.00	64.00	69.00
W190M1A	MW-190	07/18/2002	GROUNDWATER	145.00	155.00	44.32	54.32
W190M2A	MW-190	07/18/2002	GROUNDWATER	110.00	120.00	9.30	19.30
W191M1A	MW-191	07/25/2002	GROUNDWATER	137.00	142.00	25.20	30.20
W192M1A	MW-192	07/25/2002	GROUNDWATER	195.00	205.00	94.19	104.19
W193M1A	MW-193	07/11/2002	GROUNDWATER	57.00	62.00	23.80	28.80
W193SSA	MW-193	07/11/2002	GROUNDWATER	31.00	36.00	0.00	10.00
W194M1A	MW-194	07/25/2002	GROUNDWATER	85.00	95.00	39.10	44.10
W196M1A	MW-196	07/15/2002	GROUNDWATER	32.00	37.00	12.00	17.00
W196SSA	MW-196	07/12/2002	GROUNDWATER	32.00	37.00	0.00	5.00
W197M1A	MW-197	07/16/2002	GROUNDWATER	120.00	125.00	99.60	104.60
W197M2A	MW-197	07/17/2002	GROUNDWATER	80.00	85.00	59.30	64.30

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TABLE 2
SAMPLING PROGRESS
7/1/2002 - 7/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W197M3A	MW-197	07/18/2002	GROUNDWATER	60.00	65.00	39.40	44.40
W198M1A	MW-198	07/23/2002	GROUNDWATER	150.00	155.00	127.80	132.80
W198M2A	MW-198	07/24/2002	GROUNDWATER	120.00	125.00	98.40	103.40
W198M3A	MW-198	07/22/2002	GROUNDWATER	100.00	105.00	78.50	83.50
W198M4A	MW-198	07/19/2002	GROUNDWATER	70.00	75.00	48.40	53.40
W200M1A	MW-200	07/17/2002	GROUNDWATER	294.00	304.00	89.80	99.80
W200M2A	MW-200	07/17/2002	GROUNDWATER	255.00	265.00	50.72	60.72
W201M1A	MW-201	07/18/2002	GROUNDWATER	306.00	316.00	106.90	116.90
W201M2A	MW-201	07/18/2002	GROUNDWATER	286.00	296.00	86.90	96.90
W201M3A	MW-201	07/18/2002	GROUNDWATER	266.00	276.00	66.50	76.50
W201M3A	MW-201	07/19/2002	GROUNDWATER	266.00	276.00	66.50	76.50
W202M1A	MW-202	07/29/2002	GROUNDWATER	264.00	274.00	0.00	0.00
W202M2A	MW-202	07/29/2002	GROUNDWATER	215.00	225.00	0.00	0.00
W203M1A	MW-203	07/29/2002	GROUNDWATER	166.00	176.00	17.50	27.50
W204M1A	MW-204	07/29/2002	GROUNDWATER	141.00	151.00	0.00	10.00
W204M1D	MW-204	07/29/2002	GROUNDWATER	141.00	151.00	0.00	10.00
W204M2A	MW-204	07/29/2002	GROUNDWATER	76.00	86.00	17.20	27.20
W205DDA	MW-205	07/29/2002	GROUNDWATER	266.00	276.00	167.60	177.60
W205M1A	MW-205	07/29/2002	GROUNDWATER	167.00	177.00	67.60	77.60
W206M1A	MW-206	07/18/2002	GROUNDWATER	178.50	188.50	19.57	29.57
W206SSA	MW-206	07/17/2002	GROUNDWATER	156.00	166.00		7.06
W207M1A	MW-207	07/26/2002	GROUNDWATER	254.00	264.00	100.52	119.52
W207M1D	MW-207	07/26/2002	GROUNDWATER	254.00	264.00	100.52	119.52
W207M2A	MW-207	07/26/2002	GROUNDWATER	224.00	234.00	79.33	89.33
W208M1A	MW-208	07/26/2002	GROUNDWATER	195.00	205.00	56.18	66.18
W208M2A	MW-208	07/26/2002	GROUNDWATER	158.00	168.00	18.41	28.41
W209M1A	MW-209	07/26/2002	GROUNDWATER	240.00	250.00	121.00	131.00
W209M2A	MW-209	07/26/2002	GROUNDWATER	220.00	230.00	110.00	120.00
W213M1A	MW-213	07/15/2002	GROUNDWATER	133.00	143.00	85.01	95.01
W213M2A	MW-213	07/15/2002	GROUNDWATER	89.00	99.00	41.15	51.15
W213M3A	MW-213	07/15/2002	GROUNDWATER	77.00	82.00	29.38	34.38
W215M1A	MW-215	07/30/2002	GROUNDWATER	240.00	250.00	133.85	143.85
W216M1A	MW-216	07/30/2002	GROUNDWATER	253.00	263.00	51.19	61.19
W216M2A	MW-216	07/31/2002	GROUNDWATER	236.00	246.00	34.17	44.17
W219M1A	MW-219	07/24/2002	GROUNDWATER	357.00	367.00	178.00	188.00
W219M2A	MW-219	07/24/2002	GROUNDWATER	332.00	342.00	153.05	163.05
W219M3A	MW-219	07/24/2002	GROUNDWATER	315.00	325.00	135.80	145.80
W219M3D	MW-219	07/24/2002	GROUNDWATER	315.00	325.00	135.80	145.80
W219M4A	MW-219	07/24/2002	GROUNDWATER	225.00	235.00	45.70	55.70
W221M1A	MW-221	07/30/2002	GROUNDWATER	216.00	226.00	70.79	80.79
W221M2A	MW-221	07/30/2002	GROUNDWATER	178.00	188.00	32.85	42.85
W221M2D	MW-221	07/30/2002	GROUNDWATER	178.00	188.00	32.85	42.85
W221M3A	MW-221	07/30/2002	GROUNDWATER	156.00	166.00	10.86	20.86
W222M1A	MW-222	07/31/2002	GROUNDWATER	240.00	250.00	123.76	133.76
W223DDA	MW-223	07/31/2002	GROUNDWATER	260.00	270.00	167.86	177.86
W223M1A	MW-223	07/30/2002	GROUNDWATER	211.00	221.00	118.79	128.79
W223M2A	MW-223	07/30/2002	GROUNDWATER	185.00	195.00	93.31	103.31
W42M1A	MW-42	07/09/2002	GROUNDWATER	205.00	215.00	137.00	147.00
W42M1D	MW-42	07/09/2002	GROUNDWATER	205.00	215.00	137.00	147.00
W42M2A	MW-42	07/09/2002	GROUNDWATER	185.80	195.80	118.00	128.00

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SAMPLING PROGRESS
7/1/2002 - 7/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
W42M3A	MW-42	07/09/2002	GROUNDWATER	165.80	175.80	98.00	108.00
W46DDA	MW-46	07/11/2002	GROUNDWATER	295.00	305.00	136.00	146.00
W46M1A	MW-46	07/12/2002	GROUNDWATER	262.00	272.00	103.00	113.00
W46M2A	MW-46	07/12/2002	GROUNDWATER	215.00	225.00	56.00	66.00
W46M3A	MW-46	07/10/2002	GROUNDWATER	182.00	192.00	23.00	33.00
W47DDA	MW-47	07/03/2002	GROUNDWATER	194.00	204.00	100.00	110.00
W47M1A	MW-47	07/03/2002	GROUNDWATER	169.00	179.00	75.00	85.00
W47M1D	MW-47	07/03/2002	GROUNDWATER	169.00	179.00	75.00	85.00
W47M2A	MW-47	07/03/2002	GROUNDWATER	131.50	141.50	38.00	48.00
W47M3A	MW-47	07/03/2002	GROUNDWATER	115.00	125.00	21.00	31.00
W57M2A	MW-57	07/01/2002	GROUNDWATER	148.00	158.00	62.00	72.00
W65M1A	MW-65	07/09/2002	GROUNDWATER	210.00	220.00	95.00	105.00
W65M2A	MW-65	07/09/2002	GROUNDWATER	129.00	134.00	14.00	19.00
W66M1A	MW-66	07/09/2002	GROUNDWATER	227.70	237.70	109.00	119.00
W66M2A	MW-66	07/09/2002	GROUNDWATER	140.80	150.80	22.00	32.00
W66SSA	MW-66	07/01/2002	GROUNDWATER	125.70	135.70	7.00	17.00
W69M1A	MW-69	07/08/2002	GROUNDWATER	190.00	200.00	77.00	87.00
W69M2A	MW-69	07/08/2002	GROUNDWATER	153.00	163.00	40.00	50.00
W80DDA	MW-80	07/15/2002	GROUNDWATER	158.00	168.00	114.00	124.00
W80M1A	MW-80	07/15/2002	GROUNDWATER	130.00	140.00	86.00	96.00
W80M2A	MW-80	07/15/2002	GROUNDWATER	100.00	110.00	56.00	66.00
W80M3A	MW-80	07/15/2002	GROUNDWATER	70.00	80.00	26.00	36.00
W80M3D	MW-80	07/15/2002	GROUNDWATER	70.00	80.00	26.00	36.00
W80SSA	MW-80	07/23/2002	GROUNDWATER	43.00	53.00	0.00	10.00
W80SSD	MW-80	07/23/2002	GROUNDWATER	43.00	53.00	0.00	10.00
W81DDA	MW-81	07/16/2002	GROUNDWATER	184.00	194.00	156.00	166.00
W81M1A	MW-81	07/10/2002	GROUNDWATER	128.00	138.00	100.00	110.00
W81M2A	MW-81	07/10/2002	GROUNDWATER	83.00	93.00	55.00	65.00
W81M3A	MW-81	07/16/2002	GROUNDWATER	53.00	58.00	25.00	30.00
W81SSA	MW-81	07/16/2002	GROUNDWATER	25.00	35.00	0.00	10.00
W82DDA	MW-82	07/16/2002	GROUNDWATER	125.00	135.00	97.00	107.00
W82M1A	MW-82	07/16/2002	GROUNDWATER	104.00	114.00	76.00	86.00
W82M1D	MW-82	07/16/2002	GROUNDWATER	104.00	114.00	76.00	86.00
W82M2A	MW-82	07/15/2002	GROUNDWATER	78.00	88.00	50.00	60.00
W82M3A	MW-82	07/15/2002	GROUNDWATER	54.00	64.00	26.00	36.00
W82SSA	MW-82	07/15/2002	GROUNDWATER	25.00	35.00	0.00	10.00
WS-4ADA	WS-4A	07/25/2002	GROUNDWATER	218.00	228.00	148.50	158.50
WS-4ASA	WS-4A	07/25/2002	GROUNDWATER	155.00	165.00	85.50	95.50
WS4-AAA	WS-4	07/24/2002	GROUNDWATER		210.00		139.85
WS4-BAA	WS-4	07/24/2002	GROUNDWATER		220.00		149.85
DW070302	GAC WATER	07/03/2002	IDW	0.00	0.00		
DW070902	GAC WATER	07/09/2002	IDW	0.00	0.00		
DW071002	GAC WATER	07/10/2002	IDW	0.00	0.00		
DW071502	GAC WATER	07/15/2002	IDW	0.00	0.00		
DW071802-NV	GAC WATER	07/18/2002	IDW	0.00	0.00		
DW072202-NV	GAC WATER	07/22/2002	IDW	0.00	0.00		
DW072502-NV	GAC WATER	07/25/2002	IDW	0.00	0.00		
DW072502-NV	GAC WATER	07/29/2002	IDW	0.00	0.00		
DW072902-NV	GAC WATER	07/29/2002	IDW	0.00	0.00		
DW073002-NV	GAC WATER	07/30/2002	IDW	0.00	0.00		

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7/1/2002 - 7/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
SC20901	SOIL CUTTINGS	07/12/2002	IDW	0.00	0.00		
SC21001	SOIL CUTTINGS	07/12/2002	IDW	0.00	0.00		
SC21101	SOIL CUTTINGS	07/12/2002	IDW	0.00	0.00		
SC21201	SOIL CUTTINGS	07/12/2002	IDW	0.00	0.00		
SC21301	SOIL CUTTINGS	07/12/2002	IDW	0.00	0.00		
SC21401	SOIL CUTTINGS	07/12/2002	IDW	0.00	0.00		
SC21501	SOIL CUTTINGS	07/12/2002	IDW	0.00	0.00		
SC21601	SOIL CUTTINGS	07/12/2002	IDW	0.00	0.00		
SC21901	SOIL CUTTINGS	07/13/2002	IDW	0.00	0.00		
SC22001	SOIL CUTTINGS	07/12/2002	IDW	0.00	0.00		
SC22101	SOIL CUTTINGS	07/12/2002	IDW	0.00	0.00		
SC22201	SOIL CUTTINGS	07/12/2002	IDW	0.00	0.00		
SC22301	SOIL CUTTINGS	07/12/2002	IDW	0.00	0.00		
SC22401	SOIL CUTTINGS	07/12/2002	IDW	0.00	0.00		
SC22501	SOIL CUTTINGS	07/12/2002	IDW	0.00	0.00		
SC22601	SOIL CUTTINGS	07/12/2002	IDW	0.00	0.00		
G231METHAA	MW-231	07/23/2002	OTHER	110.00	110.00	3.50	3.50
G231METHBA	MW-231	07/23/2002	OTHER	120.00	120.00	13.50	13.50
G231METHCA	MW-231	07/23/2002	OTHER	130.00	130.00	23.50	23.50
G231METHDA	MW-231	07/23/2002	OTHER	140.00	140.00	33.50	33.50
G231METHEA	MW-231	07/23/2002	OTHER	150.00	150.00	43.50	43.50
G231METHFA	MW-231	07/23/2002	OTHER	160.00	160.00	53.50	53.50
G231METHGA	MW-231	07/24/2002	OTHER	170.00	170.00	63.50	63.50
G231METHGD	MW-231	07/24/2002	OTHER	170.00	170.00	63.50	63.50
G231METHHA	MW-231	07/24/2002	OTHER	180.00	180.00	73.50	73.50
G231METHIA	MW-231	07/24/2002	OTHER	190.00	190.00	83.50	83.50
FS12TSEF	FS12TSEF	07/08/2002	PROCESS WATEF	0.00	0.00		
FS12TSIN	FS12TSIN	07/08/2002	PROCESS WATEF	0.00	0.00		
G228DCA	MW-228	07/08/2002	PROFILE	140.00	140.00	34.50	34.50
G228DDA	MW-228	07/08/2002	PROFILE	150.00	150.00	44.50	44.50
G228DEA	MW-228	07/08/2002	PROFILE	160.00	160.00	54.50	54.50
G228DFA	MW-228	07/08/2002	PROFILE	170.00	170.00	64.50	64.50
G228DGA	MW-228	07/08/2002	PROFILE	180.00	180.00	74.50	74.50
G228DHA	MW-228	07/08/2002	PROFILE	190.00	190.00	84.50	84.50
G228DIA	MW-228	07/08/2002	PROFILE	200.00	200.00	94.50	94.50
G228DJA	MW-228	07/09/2002	PROFILE	210.00	210.00	104.50	104.50
G228DLA	MW-228	07/09/2002	PROFILE	230.00	230.00	124.50	124.50
G228DMA	MW-228	07/09/2002	PROFILE	240.00	240.00	134.50	134.50
G228DNA	MW-228	07/10/2002	PROFILE	250.00	250.00	144.50	144.50
G228DOA	MW-228	07/10/2002	PROFILE	260.00	260.00	154.50	154.50
G228DPA	MW-228	07/10/2002	PROFILE	270.00	270.00	164.50	164.50
G228DQA	MW-228	07/10/2002	PROFILE	280.00	280.00	174.50	174.50
G228DRA	MW-228	07/10/2002	PROFILE	290.00	290.00	184.50	184.50
G228DSA	MW-228	07/10/2002	PROFILE	300.00	300.00	194.50	194.50
G228DTA	MW-228	07/10/2002	PROFILE	310.00	310.00	204.50	204.50
G228DUA	MW-228	07/10/2002	PROFILE	320.00	320.00	214.50	214.50
G229DAA	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50
G229DAD	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50
G229DBA	MW-229	07/09/2002	PROFILE	130.00	130.00	17.50	17.50
G229DCA	MW-229	07/09/2002	PROFILE	140.00	140.00	27.50	27.50

Profiling methods include: Volatiles and Explosives
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TABLE 2
SAMPLING PROGRESS
7/1/2002 - 7/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G229DDA	MW-229	07/09/2002	PROFILE	150.00	150.00	37.50	37.50
G229DEA	MW-229	07/10/2002	PROFILE	160.00	160.00	47.50	47.50
G229DFA	MW-229	07/10/2002	PROFILE	170.00	170.00	57.50	57.50
G229DGA	MW-229	07/10/2002	PROFILE	180.00	180.00	67.50	67.50
G229DHA	MW-229	07/10/2002	PROFILE	190.00	190.00	77.50	77.50
G229DIA	MW-229	07/10/2002	PROFILE	200.00	200.00	87.50	87.50
G229DJA	MW-229	07/10/2002	PROFILE	210.00	210.00	97.50	97.50
G229DKA	MW-229	07/11/2002	PROFILE	220.00	220.00	107.50	107.50
G229DLA	MW-229	07/11/2002	PROFILE	230.00	230.00	117.50	117.50
G229DMA	MW-229	07/11/2002	PROFILE	240.00	240.00	127.50	127.50
G229DNA	MW-229	07/11/2002	PROFILE	250.00	250.00	137.50	137.50
G229DOA	MW-229	07/11/2002	PROFILE	260.00	260.00	147.50	147.50
G229DPA	MW-229	07/11/2002	PROFILE	270.00	270.00	157.50	157.50
G229DQA	MW-229	07/11/2002	PROFILE	280.00	280.00	167.50	167.50
G229DQA	MW-229	07/12/2002	PROFILE	280.00	280.00	167.50	167.50
G229DRA	MW-229	07/11/2002	PROFILE	290.00	290.00	177.50	177.50
G229DRA	MW-229	07/12/2002	PROFILE	290.00	290.00	177.50	177.50
G229DSA	MW-229	07/11/2002	PROFILE	300.00	300.00	187.50	187.50
G229DSA	MW-229	07/12/2002	PROFILE	300.00	300.00	187.50	187.50
G229DTA	MW-229	07/11/2002	PROFILE	310.00	310.00	197.50	197.50
G229DTA	MW-229	07/12/2002	PROFILE	310.00	310.00	197.50	197.50
G229DUA	MW-229	07/15/2002	PROFILE	320.00	320.00	207.50	207.50
G229DVA	MW-229	07/15/2002	PROFILE	330.00	330.00	217.50	217.50
G229DWA	MW-229	07/15/2002	PROFILE	340.00	340.00	227.50	227.50
G229DXA	MW-229	07/15/2002	PROFILE	348.50	348.50	236.00	236.00
G230DAA	MW-230	07/09/2002	PROFILE	110.00	110.00	3.62	3.62
G230DBA	MW-230	07/09/2002	PROFILE	120.00	120.00	13.62	13.62
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62
G230DDA	MW-230	07/10/2002	PROFILE	140.00	140.00	33.62	33.62
G230DEA	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62
G230DED	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62
G230DFA	MW-230	07/10/2002	PROFILE	160.00	160.00	53.62	53.62
G230DGA	MW-230	07/10/2002	PROFILE	170.00	170.00	63.62	63.62
G230DHA	MW-230	07/10/2002	PROFILE	180.00	180.00	73.62	73.62
G230DIA	MW-230	07/10/2002	PROFILE	190.00	190.00	83.62	83.62
G230DJA	MW-230	07/10/2002	PROFILE	200.00	200.00	93.62	93.62
G230DKA	MW-230	07/10/2002	PROFILE	210.00	210.00	103.62	103.62
G230DLA	MW-230	07/10/2002	PROFILE	220.00	220.00	113.62	113.62
G230DMA	MW-230	07/10/2002	PROFILE	230.00	230.00	123.62	123.62
G230DNA	MW-230	07/11/2002	PROFILE	240.00	240.00	133.62	133.62
G230DOA	MW-230	07/11/2002	PROFILE	250.00	250.00	143.62	143.62
G230DPA	MW-230	07/12/2002	PROFILE	260.00	260.00	153.62	153.62
G230DQA	MW-230	07/12/2002	PROFILE	270.00	270.00	163.62	163.62
G230DRA	MW-230	07/15/2002	PROFILE	280.00	280.00	173.62	173.62
G230DSA	MW-230	07/15/2002	PROFILE	290.00	290.00	183.62	183.62
G230DTA	MW-230	07/15/2002	PROFILE	300.00	300.00	193.62	193.62
G230DUA	MW-230	07/15/2002	PROFILE	310.00	310.00	203.62	203.62
G230DVA	MW-230	07/16/2002	PROFILE	320.00	320.00	213.62	213.62
G230DWA	MW-230	07/16/2002	PROFILE	330.00	330.00	223.62	223.62
G230DXA	MW-230	07/17/2002	PROFILE	340.00	340.00	233.62	233.62

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TABLE 2
SAMPLING PROGRESS
7/1/2002 - 7/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
G230DYA	MW-230	07/17/2002	PROFILE	345.60	345.60	239.22	239.22
G231DAA	MW-231	07/23/2002	PROFILE	110.00	110.00	3.50	3.50
G231DBA	MW-231	07/23/2002	PROFILE	120.00	120.00	13.50	13.50
G231DCA	MW-231	07/23/2002	PROFILE	130.00	130.00	23.50	23.50
G231DDA	MW-231	07/23/2002	PROFILE	140.00	140.00	33.50	33.50
G231DEA	MW-231	07/23/2002	PROFILE	150.00	150.00	43.50	43.50
G231DFA	MW-231	07/23/2002	PROFILE	160.00	160.00	53.50	53.50
G231DGA	MW-231	07/24/2002	PROFILE	170.00	170.00	63.50	63.50
G231DHA	MW-231	07/24/2002	PROFILE	180.00	180.00	73.50	73.50
G231DIA	MW-231	07/24/2002	PROFILE	190.00	190.00	83.50	83.50
G231DJA	MW-231	07/24/2002	PROFILE	200.00	200.00	93.50	93.50
G231DKA	MW-231	07/24/2002	PROFILE	210.00	210.00	103.50	103.50
G231DKD	MW-231	07/24/2002	PROFILE	210.00	210.00	103.50	103.50
G231DLA	MW-231	07/24/2002	PROFILE	220.00	220.00	113.50	113.50
G231DMA	MW-231	07/25/2002	PROFILE	230.00	230.00	123.50	123.50
G231DNA	MW-231	07/25/2002	PROFILE	240.00	240.00	133.50	133.50
G231DOA	MW-231	07/25/2002	PROFILE	250.00	250.00	143.50	143.50
G231DPA	MW-231	07/25/2002	PROFILE	260.00	260.00	153.50	153.50
G231DQA	MW-231	07/25/2002	PROFILE	270.00	270.00	163.50	163.50
G231DRA	MW-231	07/25/2002	PROFILE	280.00	280.00	173.50	173.50
G231DSA	MW-231	07/25/2002	PROFILE	290.00	290.00	183.50	183.50
G231DTA	MW-231	07/25/2002	PROFILE	300.00	300.00	193.50	193.50
G232DAA	MW-232	07/23/2002	PROFILE	50.00	50.00	7.50	7.50
G232DBA	MW-232	07/23/2002	PROFILE	60.00	60.00	17.50	17.50
G232DCA	MW-232	07/23/2002	PROFILE	70.00	70.00	27.50	27.50
G232DDA	MW-232	07/23/2002	PROFILE	80.00	80.00	37.50	37.50
G232DEA	MW-232	07/23/2002	PROFILE	90.00	90.00	47.50	47.50
G232DFA	MW-232	07/23/2002	PROFILE	100.00	100.00	57.50	57.50
G232DGA	MW-232	07/23/2002	PROFILE	110.00	110.00	67.50	67.50
G232DHA	MW-232	07/24/2002	PROFILE	120.00	120.00	77.50	77.50
G232DIA	MW-232	07/24/2002	PROFILE	130.00	130.00	87.50	87.50
G232DJA	MW-232	07/24/2002	PROFILE	140.00	140.00	97.50	97.50
G232DKA	MW-232	07/24/2002	PROFILE	150.00	150.00	107.50	107.50
G232DKD	MW-232	07/24/2002	PROFILE	150.00	150.00	107.50	107.50
G232DMA	MW-232	07/24/2002	PROFILE	170.00	170.00	127.50	127.50
G232DNA	MW-232	07/25/2002	PROFILE	180.00	180.00	137.50	137.50
G232DOA	MW-232	07/25/2002	PROFILE	190.00	190.00	147.50	147.50
G232DPA	MW-232	07/25/2002	PROFILE	200.00	200.00	157.50	157.50
S228DAA	MW-228	07/17/2002	SOIL BORING	0.00	0.50		
S228DBA	MW-228	07/17/2002	SOIL BORING	1.50	2.00		
S228DCA	MW-228	07/17/2002	SOIL BORING	5.00	7.00		
S228DDA	MW-228	07/17/2002	SOIL BORING	10.00	12.00		
S228DEA	MW-228	07/18/2002	SOIL BORING	20.00	22.00		
S228DFA	MW-228	07/18/2002	SOIL BORING	30.00	30.00		
S228DGA	MW-228	07/18/2002	SOIL BORING	40.00	42.00		
S228DHA	MW-228	07/18/2002	SOIL BORING	50.00	52.00		
S228DIA	MW-228	07/18/2002	SOIL BORING	60.00	62.00		
S228DJA	MW-228	07/18/2002	SOIL BORING	70.00	72.00		
S228DKA	MW-228	07/18/2002	SOIL BORING	80.00	82.00		
S228DLA	MW-228	07/18/2002	SOIL BORING	90.00	92.00		

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TABLE 2
SAMPLING PROGRESS
7/1/2002 - 7/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
S228DLD	MW-228	07/18/2002	SOIL BORING	90.00	92.00		
S228DMA	MW-228	07/18/2002	SOIL BORING	100.00	102.00		
S228DNA	MW-228	07/18/2002	SOIL BORING	110.00	112.00		
HC101PK1AAA	101PK	07/01/2002	SOIL GRID	0.00	0.25		
HC101PK1BAA	101PK	07/01/2002	SOIL GRID	0.25	0.50		
HC101PK1CAA	101PK	07/01/2002	SOIL GRID	0.50	1.00		
HC101PL1AAA	101PL	07/01/2002	SOIL GRID	0.00	0.25		
HC101PL1AAD	101PL	07/01/2002	SOIL GRID	0.00	0.25		
HC101PL1BAA	101PL	07/01/2002	SOIL GRID	0.25	0.50		
HC101PL1CAA	101PL	07/01/2002	SOIL GRID	0.50	1.00		
HC101PP1AAA	101PP	07/01/2002	SOIL GRID	0.00	0.25		
HC101PP1BAA	101PP	07/01/2002	SOIL GRID	0.25	0.50		
HC101PP1CAA	101PP	07/01/2002	SOIL GRID	0.50	1.00		
HC101PQ1AAA	101PQ	07/16/2002	SOIL GRID	0.00	0.25		
HC101PQ1BAA	101PQ	07/16/2002	SOIL GRID	0.25	0.50		
HC101PQ1CAA	101PQ	07/16/2002	SOIL GRID	0.50	1.00		
HC101UA1AAA	101UA	07/01/2002	SOIL GRID	0.00	0.25		
HC101UA1BAA	101UA	07/01/2002	SOIL GRID	0.25	0.50		
HC101UA1CAA	101UA	07/01/2002	SOIL GRID	0.50	1.00		
HC101UD1AAA	101UD	07/01/2002	SOIL GRID	0.00	0.25		
HC101UD1BAA	101UD	07/01/2002	SOIL GRID	0.25	0.50		
HC101UD1CAA	101UD	07/01/2002	SOIL GRID	0.50	1.00		
HD101NF1BAA	101NF	07/03/2002	SOIL GRID	0.25	0.50		
HD101NF2BAA	101NF	07/03/2002	SOIL GRID	0.25	0.50		
LKSNK0005AAA	LKSNK0005	07/02/2002	SURFACE WATEF	0.00	0.00		
LKSNK0005AAA	LKSNK0005	07/17/2002	SURFACE WATEF	0.00	0.00		
LKSNK0005AAA	LKSNK0005	07/31/2002	SURFACE WATEF				
LKSNK0006AAA	LKSNK0006	07/02/2002	SURFACE WATEF	0.00	0.00		
LKSNK0006AAA	LKSNK0006	07/17/2002	SURFACE WATEF	0.00	0.00		
LKSNK0006AAA	LKSNK0006	07/31/2002	SURFACE WATEF				
LKSNK0007AAA	LKSNK0007	07/02/2002	SURFACE WATEF	0.00	0.00		
LKSNK0007AAA	LKSNK0007	07/17/2002	SURFACE WATEF	0.00	0.00		
LKSNK0007AAA	LKSNK0007	07/31/2002	SURFACE WATEF				
LKSNK0007AAD	LKSNK0007	07/02/2002	SURFACE WATEF	0.00	0.00		
ES.A.J14.010.1.0	ES.J14.010.R	07/09/2002	CRATER GRID	0.00	0.25		
ES.A.J14.010.2.0	ES.J14.010.R	07/11/2002	CRATER GRID	0.00	0.25		
ES.A.J14.010.2.D	ES.J14.010.R	07/11/2002	CRATER GRID	0.00	0.25		
ES.A.J14.010.3.0	ES.J14.010.R	07/11/2002	CRATER GRID	0.00	0.25		
ES.A.K15.005.1.0	ES.K15.005.R	07/09/2002	CRATER GRID	0.00	0.25		
ES.A.K15.005.2.0	ES.K15.005.R	07/11/2002	CRATER GRID	0.00	0.25		
ES.A.K15.005.3.0	ES.K15.005.R	07/11/2002	CRATER GRID	0.00	0.25		
SR.A.C5.001.1.0	SR.C5.001.R	07/09/2002	CRATER GRID	0.25	0.50		
SR.A.C5.001.2.0	SR.C5.001.R	07/11/2002	CRATER GRID	0.25	0.50		
SR.A.C5.001.3.0	SR.C5.001.R	07/11/2002	CRATER GRID	0.25	0.50		
SR.A.C5.001.3.D	SR.C5.001.R	07/11/2002	CRATER GRID	0.25	0.50		
SR.A.C7.013.1.0	SR.C7.013.R	07/09/2002	CRATER GRID	0.00	0.25		
SR.A.C7.013.2.0	SR.C7.013.R	07/11/2002	CRATER GRID	0.00	0.25		
SR.A.C7.013.2.D	SR.C7.013.R	07/11/2002	CRATER GRID	0.00	0.25		
SR.A.C7.013.3.0	SR.C7.013.R	07/11/2002	CRATER GRID	0.00	0.25		
SR.A.C7.036.1.0	SR.C7.036.R	07/09/2002	CRATER GRID	0.25	0.50		

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SAMPLING PROGRESS
7/1/2002 - 7/31/2002

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
SR.A.C7.036.2.0	SR.C7.036.R	07/11/2002	CRATER GRID	0.25	0.50		
SR.A.C7.036.3.0	SR.C7.036.R	07/11/2002	CRATER GRID	0.25	0.50		
SR.A.C8.006.1.0	SR.C8.006.R	07/10/2002	CRATER GRID	0.00	0.25		
SR.A.C8.006.2.0	SR.C8.006.R	07/11/2002	CRATER GRID	0.00	0.25		
SR.A.C8.006.3.0	SR.C8.006.R	07/11/2002	CRATER GRID	0.00	0.25		
SR.A.C8.007.1.0	SR.C8.007.R	07/09/2002	CRATER GRID	0.00	0.25		
SR.A.C8.007.1.D	SR.C8.007.R	07/09/2002	CRATER GRID	0.00	0.25		
SR.A.C8.007.2.0	SR.C8.007.R	07/11/2002	CRATER GRID	0.00	0.25		
SR.A.C8.007.3.0	SR.C8.007.R	07/11/2002	CRATER GRID	0.00	0.25		
SR.A.C8.011.1.0	SR.C8.011.R	07/10/2002	CRATER GRID	0.00	0.25		
SR.A.C8.011.2.0	SR.C8.011.R	07/11/2002	CRATER GRID	0.00	0.25		
SR.A.C8.011.3.0	SR.C8.011.R	07/11/2002	CRATER GRID	0.00	0.25		
SR.A.C8.018.1.0	SR.C8.018.R	07/09/2002	CRATER GRID	0.00	0.25		
SR.A.C8.018.2.0	SR.C8.018.R	07/11/2002	CRATER GRID	0.00	0.25		
SR.A.C8.018.3.0	SR.C8.018.R	07/11/2002	CRATER GRID	0.00	0.25		
SR.A.D7.001.1.0	SR.D7.001.R	07/09/2002	CRATER GRID	0.25	0.50		
SR.A.D7.001.2.0	SR.D7.001.R	07/11/2002	CRATER GRID	0.25	0.50		
SR.A.D7.001.3.0	SR.D7.001.R	07/11/2002	CRATER GRID	0.25	0.50		
SR.A.F9.001.1.0	SR.F9.001.R	07/09/2002	CRATER GRID	0.25	0.50		
SR.A.F9.001.2.0	SR.F9.001.R	07/11/2002	CRATER GRID	0.25	0.50		
SR.A.F9.001.3.0	SR.F9.001.R	07/11/2002	CRATER GRID	0.25	0.50		
SR.A.H9.022.1.0	SR.H9.022.R	07/09/2002	CRATER GRID	0.75	1.00		
SR.A.H9.022.2.0	SR.H9.022.R	07/11/2002	CRATER GRID	0.75	1.00		
SR.A.H9.022.3.0	SR.H9.022.R	07/11/2002	CRATER GRID	0.75	0.25		
T2.B.0H.005.5.0	T2.0H.005.O	07/12/2002	SOIL GRAB	1.00	2.00		
T2.B.0H.005.6.0	T2.0H.005.O	07/12/2002	SOIL GRAB	2.00	3.00		
T2.B.0H.005.7.0	T2.0H.005.O	07/12/2002	SOIL GRAB	3.00	4.00		

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
ECMWSNP02	ECMWSNP02D	09/13/1999	504	1,2-DIBROMOETHANE (ETHYL	0.11		UG/L	4.00	4.00	0.05	X
90MW0003	WF03MA	10/07/1999	OC21V	1,2-DICHLOROETHANE	5.00		UG/L	52.00	57.00	5.00	X
MW-19	W19SSA	06/18/2001	8321NX	1,3-DINITROBENZENE	3.50		UG/L	0.00	10.00	1.00	X
MW-196	W196SSA	02/07/2002	8330N	2,4,6-TRINITROTOLUENE	12.00		UG/L	0.00	5.00	2.00	X
MW-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	03/05/1998	8330N	2,4,6-TRINITROTOLUENE	10.00	J	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-19	W19SSA	06/18/2001	8321NX	2,4,6-TRINITROTOLUENE	5.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	08/24/2001	8330NX	2,4,6-TRINITROTOLUENE	2.40		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	12/27/2001	8330NX	2,4,6-TRINITROTOLUENE	2.20	J	UG/L	0.00	10.00	2.00	X
MW-31	W31DDA	08/09/2000	8330N	2,4,6-TRINITROTOLUENE	3.90	J	UG/L	48.00	53.00	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	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	W31SSA	08/24/2001	8330NX	2,4,6-TRINITROTOLUENE	5.40		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	01/04/2002	8330NX	2,4,6-TRINITROTOLUENE	5.90		UG/L	13.00	18.00	2.00	X
MW-41	W41M1A	08/19/1999	OC21B	2,6-DINITROTOLUENE	5.00	J	UG/L	108.00	118.00	5.00	X
MW-45	W45SSA	08/23/2001	8330N	2,6-DINITROTOLUENE	8.30	J	UG/L	0.00	10.00	5.00	X
PPAWSMW-3	PPAWSMW-3	08/12/1999	IM40MB	ANTIMONY	6.00	J	UG/L	0.00	10.00	6.00	X
MW-1	W01SSA	09/07/1999	IM40MB	ANTIMONY	6.70	J	UG/L	0.00	10.00	6.00	X
MW-3	W03DDL	03/06/1998	IM40MB	ANTIMONY	13.80	J	UG/L	219.00	224.00	6.00	X
MW-187	W187DDX	01/23/2002	IM40MB	ANTIMONY	6.00	J	UG/L	199.00	209.00	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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-36	W36SSA	08/17/1999	IM40MB	ANTIMONY	6.70	J	UG/L	0.00	10.00	6.00	X
MW-38	W38DDA	08/17/1999	IM40MB	ANTIMONY	6.90	J	UG/L	124.00	134.00	6.00	X
MW-38	W38M3A	08/18/1999	IM40MB	ANTIMONY	6.60	J	UG/L	52.00	62.00	6.00	X
MW-38	W38SSA	08/18/1999	IM40MB	ANTIMONY	7.40		UG/L	0.00	10.00	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
MW-7	W07M1A	09/07/1999	IM40MB	ARSENIC	52.80		UG/L	135.00	140.00	50.00	X
MW-187	W187DDA	01/23/2002	OC21V	BENZENE	1,000.00		UG/L	199.00	209.00	5.00	X
MW-187	W187DDA	01/23/2002	VPHMA	BENZENE	760.00	J	UG/L	199.00	209.00	5.00	X
MW-187	W187DDA	02/11/2002	OC21V	BENZENE	1,300.00		UG/L	199.00	209.00	5.00	X
MW-187	W187DDA	02/11/2002	VPHMA	BENZENE	1,300.00		UG/L	199.00	209.00	5.00	X
15MW0004	15MW0004	04/09/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	6.00		UG/L	0.00	10.00	6.00	X
15MW0008	15MW0008D	04/12/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	25.00	J	UG/L	0.00	0.00	6.00	X
27MW0705	27MW0705	01/08/2002	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	7.50	J	UG/L	0.00	0.00	6.00	X
27MW2061	27MW2061	01/09/2002	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	12.00	J	UG/L	0.00	2.00	6.00	X
MW-2	W02DDA	02/02/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	9.00		UG/L	218.00	223.00	6.00	X
MW-2	W02M1A	01/21/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	10.00	J	UG/L	75.00	80.00	6.00	X
MW-2	W02M2A	01/20/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	24.00		UG/L	33.00	38.00	6.00	X
MW-4	W04SSA	11/04/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	30.00		UG/L	0.00	10.00	6.00	X
MW-5	W05DDA	02/13/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	9.00	J	UG/L	223.00	228.00	6.00	X
MW-7	W07SSA	10/31/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	10.00		UG/L	0.00	10.00	6.00	X
MW-10	W10SSA	09/16/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	39.00		UG/L	0.00	10.00	6.00	X
MW-11	W11SSA	11/06/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	33.00	J	UG/L	0.00	10.00	6.00	X
MW-11	W11SSD	11/06/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	23.00	J	UG/L	0.00	10.00	6.00	X
MW-12	W12SSA	11/06/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	28.00		UG/L	0.00	10.00	6.00	X
MW-142	W142M1A	01/29/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	20.00		UG/L	185.00	195.00	6.00	X
MW-142	W142M2A	01/29/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	11.00		UG/L	100.00	110.00	6.00	X
MW-146	W146M1A	02/23/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	8.40		UG/L	75.00	80.00	6.00	X
MW-146	W146M1A	06/19/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	8.20		UG/L	75.00	80.00	6.00	X
MW-14	W14SSA	11/04/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	14.00		UG/L	0.00	10.00	6.00	X
MW-157	W157DDA	05/03/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	8.10		UG/L	199.00	209.00	6.00	X
MW-158	W158M2A	10/15/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	34.00	J	UG/L	37.00	47.00	6.00	X
MW-168	W168M1A	06/04/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	6.70		UG/L	174.00	184.00	6.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-168	W168M2A	06/05/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	9.00		UG/L	116.00	126.00	6.00	X
MW-16	W16DDA	11/17/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	43.00		UG/L	223.00	228.00	6.00	X
MW-16	W16SSA	11/17/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	28.00		UG/L	0.00	10.00	6.00	X
MW-17	W17DDA	11/11/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	42.00		UG/L	196.00	206.00	6.00	X
MW-17	W17SSD	11/10/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	120.00	J	UG/L	0.00	10.00	6.00	X
MW-188	W188M1A	01/30/2002	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	9.40		UG/L	41.00	51.00	6.00	X
MW-18	W18DDA	09/10/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	11.00		UG/L	222.00	232.00	6.00	X
MW-18	W18SSA	10/10/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	36.00		UG/L	0.00	10.00	6.00	X
MW-196	W196M1A	02/06/2002	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	10.00	J	UG/L	12.00	17.00	6.00	X
MW-19	W19DDA	03/04/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	7.00		UG/L	254.00	259.00	6.00	X
MW-20	W20SSA	11/07/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	280.00		UG/L	0.00	10.00	6.00	X
MW-21	W21M2A	04/01/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	8.00		UG/L	58.00	68.00	6.00	X
MW-22	W22SSA	11/24/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	96.00		UG/L	0.00	10.00	6.00	X
MW-22	W22SSA	09/20/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	18.00		UG/L	0.00	10.00	6.00	X
MW-23	W23M3A	11/13/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	10.00		UG/L	34.00	39.00	6.00	X
MW-23	W23M3D	11/13/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	13.00		UG/L	34.00	39.00	6.00	X
MW-23	W23SSA	10/27/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	24.00		UG/L	0.00	10.00	6.00	X
MW-24	W24SSA	11/14/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	8.00		UG/L	0.00	10.00	6.00	X
MW-27	W27SSA	09/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	9.00		UG/L	0.00	10.00	6.00	X
MW-28	W28M1A	01/12/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	9.70		UG/L	173.00	183.00	6.00	X
MW-28	W28SSA	11/03/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	11.00		UG/L	0.00	10.00	6.00	X
MW-28	W28SSA	09/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	150.00	J	UG/L	0.00	10.00	6.00	X
MW-29	W29SSA	11/03/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	16.00		UG/L	0.00	10.00	6.00	X
MW-29	W29SSA	09/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	20.00		UG/L	0.00	10.00	6.00	X
MW-36	W36M2A	08/17/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	8.00		UG/L	54.00	64.00	6.00	X
MW-38	W38M3A	05/06/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	15.00		UG/L	52.00	62.00	6.00	X
MW-41	W41M2A	11/12/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	7.00		UG/L	67.00	77.00	6.00	X
MW-43	W43M1A	05/26/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	6.00		UG/L	90.00	100.00	6.00	X
MW-44	W44M1A	09/20/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	14.00		UG/L	53.00	63.00	6.00	X
MW-45	W45M1A	05/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	37.00		UG/L	98.00	108.00	6.00	X
MW-46	W46DDA	11/02/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	14.00	J	UG/L	136.00	146.00	6.00	X
MW-46	W46M1A	11/01/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	6.00	J	UG/L	103.00	113.00	6.00	X
MW-47	W47DDA	08/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	16.00		UG/L	100.00	110.00	6.00	X

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MW-47	W47M1A	08/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	14.00		UG/L	75.00	85.00	6.00	X
MW-49	W49SSA	03/01/2000	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	290.00		UG/L	0.00	10.00	6.00	X
MW-52	W52M3A	08/27/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	7.00	J	UG/L	59.00	64.00	6.00	X
MW-53	W53DDA	02/18/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	18.00		UG/L	158.00	168.00	6.00	X
MW-53	W53M1A	08/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	31.00		UG/L	99.00	109.00	6.00	X
MW-55	W55DDA	05/13/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	8.00		UG/L	119.00	129.00	6.00	X
MW-55	W55DDA	07/31/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	6.40		UG/L	119.00	129.00	6.00	X
MW-57	W57DDA	12/13/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	95.00		UG/L	127.00	137.00	6.00	X
MW-57	W57M2A	06/30/2000	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	7.00		UG/L	62.00	72.00	6.00	X
MW-57	W57SSA	12/21/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	3,300.00	J	UG/L	0.00	10.00	6.00	X
MW-70	W70M1A	10/27/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	10.00		UG/L	129.00	139.00	6.00	X
MW-82	W82DDA	08/22/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALA	24.00		UG/L	97.00	107.00	6.00	X
MW-84	W84DDA	03/03/2000	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	30.00		UG/L	153.00	163.00	6.00	X
95-14	W9514A	09/28/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	22.00		UG/L	90.00	120.00	6.00	X
97-1	W9701A	11/19/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	54.00	J	UG/L	62.00	72.00	6.00	X
97-1	W9701D	11/19/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	28.00	J	UG/L	62.00	72.00	6.00	X
97-2	W9702A	11/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	7.00		UG/L	53.00	63.00	6.00	X
97-3	W9703A	11/21/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	73.00	J	UG/L	36.00	46.00	6.00	X
97-5	W9705A	11/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	15.00		UG/L	76.00	86.00	6.00	X
58MW0002	WC2XXA	02/26/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	36.00		UG/L	4.00	9.00	6.00	X
58MW0005E	WC5EXA	09/27/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	8.00		UG/L	0.00	10.00	6.00	X
58MW0006E	WC6EXA	10/03/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	59.00		UG/L	0.00	10.00	6.00	X
58MW0006E	WC6EXA	01/29/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	6.00		UG/L	0.00	10.00	6.00	X
58MW0006E	WC6EXD	10/03/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	57.00		UG/L	0.00	10.00	6.00	X
58MW0007C	WC7CXA	09/28/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	13.00		UG/L	24.00	29.00	6.00	X
90WT0003	WF03XA	09/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	58.00		UG/L	0.00	10.00	6.00	X
90WT0005	WF05XA	01/13/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	47.00		UG/L	0.00	10.00	6.00	X
90MW0054	WF12XA	10/04/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	13.00	J	UG/L	91.00	96.00	6.00	X
90WT0013	WF13XA	01/16/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	34.00		UG/L	0.00	10.00	6.00	X
90WT0013	WF13XA	01/14/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	16.00		UG/L	0.00	10.00	6.00	X
11MW0003	WF143A	02/25/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	9.00		UG/L	0.00	0.00	6.00	X
11MW0003	WF143A	09/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	24.00		UG/L	0.00	0.00	6.00	X
BHW215083	WG083A	11/26/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	13.00		UG/L	16.00	26.00	6.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
LRWS1-4	WL14XA	10/06/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	78.00	J	UG/L	107.00	117.00	6.00	X
LRWS2-3	WL23XA	11/21/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	20.00	J	UG/L	68.00	83.00	6.00	X
LRWS2-6	WL26XA	10/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	21.00		UG/L	75.00	90.00	6.00	X
LRWS2-6	WL26XA	10/04/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	9.00	J	UG/L	75.00	90.00	6.00	X
28MW0106	WL28XA	02/19/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	18.00	J	UG/L	0.00	10.00	6.00	X
28MW0106	WL28XA	03/23/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	26.00		UG/L	0.00	10.00	6.00	X
LRWS4-1	WL41XA	11/24/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	100.00		UG/L	66.00	91.00	6.00	X
LRWS5-1	WL51XA	11/25/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	7.00		UG/L	66.00	91.00	6.00	X
RW-1	WRW1XA	02/18/1998	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	59.00		UG/L	0.00	9.00	6.00	X
RW-1	WRW1XD	10/06/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	11.00	J	UG/L	0.00	9.00	6.00	X
03MW0122A	WS122A	09/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALA	12.00		UG/L	1.00	11.00	6.00	X
MW-52	W52M3L	08/27/1999	IM40MB	CADMIUM	12.20		UG/L	59.00	64.00	5.00	X
MW-187	W187DDA	01/23/2002	OC21V	CHLOROMETHANE	75.00	J	UG/L	199.00	209.00	3.00	X
MW-187	W187DDA	02/11/2002	OC21V	CHLOROMETHANE	47.00	J	UG/L	199.00	209.00	3.00	X
MW-7	W07M1A	09/07/1999	IM40MB	CHROMIUM, TOTAL	114.00		UG/L	135.00	140.00	100.00	X
PPAWSMW-1	PPAWSMW-1	06/22/1999	OL21P	DIELDRIN	3.00		UG/L	10.00	20.00	0.50	X
58MW0001	58MW0001	05/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.80		UG/L	3.00	8.00	2.00	X
58MW0001	58MW0001	08/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	4.00	9.00	2.00	X
58MW0001	58MW0001	01/11/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	4.60		UG/L	3.00	8.00	2.00	X
58MW0001	58MW0001-D	08/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	4.00	9.00	2.00	X
58MW0002	58MW0002	05/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	13.00		UG/L	4.00	9.00	2.00	X
58MW0002	58MW0002	09/19/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	15.00		UG/L	4.00	9.00	2.00	X
58MW0002	58MW0002	12/14/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	15.00		UG/L	4.00	9.00	2.00	X
58MW0009E	58MW0009E	05/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.40		UG/L	6.00	11.00	2.00	X
58MW0009E	58MW0009E	08/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	6.00	11.00	2.00	X
58MW0009E	58MW0009E	12/11/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	13.00		UG/L	6.00	11.00	2.00	X
58MW0011D	58MW0011D	05/24/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.30		UG/L	49.00	54.00	2.00	X
58MW0011D	58MW0011D	09/26/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.50		UG/L	49.00	54.00	2.00	X
58MW0011D	58MW0011D	12/11/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	5.10		UG/L	49.00	54.00	2.00	X
58MW0016B	58MW0016B	08/30/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.30		UG/L	28.00	38.00	2.00	X
58MW0016C	58MW0016C	08/30/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.80		UG/L	0.00	10.00	2.00	X
58MW0016C	58MW0016C	12/11/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	4.00		UG/L	0.00	10.00	2.00	X
58MW0018B	58MW0018B	12/13/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	2.20		UG/L	34.00	44.00	2.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
90MW0054	90MW0054	12/08/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.10		UG/L	91.00	96.00	2.00	X
MW-1	W01M2A	03/01/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20		UG/L	44.00	49.00	2.00	X
MW-1	W01M2A	05/10/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.90		UG/L	44.00	49.00	2.00	X
MW-1	W01M2A	07/31/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.40	J	UG/L	44.00	49.00	2.00	X
MW-1	W01M2A	11/18/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.10		UG/L	44.00	49.00	2.00	X
MW-1	W01M2A	05/01/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.80		UG/L	44.00	49.00	2.00	X
MW-1	W01M2A	08/15/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	11.00		UG/L	44.00	49.00	2.00	X
MW-1	W01M2A	11/30/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	8.90		UG/L	44.00	49.00	2.00	X
MW-1	W01M2D	11/18/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.00		UG/L	44.00	49.00	2.00	X
MW-1	W01MMA	09/29/1997	8330	HEXAHYDRO-1,3,5-TRINITRO-1	4.60		UG/L	44.00	49.00	2.00	X
MW-1	W01SSA	09/30/1997	8330	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	02/22/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.80		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	09/07/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	05/31/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.10	J	UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	07/31/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.80	J	UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	11/18/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.20		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	12/12/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.10	J	UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	12/12/2000	CHPPM	HEXAHYDRO-1,3,5-TRINITRO-1	12.00	J	UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	08/16/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	4.30		UG/L	0.00	10.00	2.00	X
MW-1	W01SSA	01/10/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	5.20	J	UG/L	0.00	10.00	2.00	X
MW-1	W01SSD	09/30/1997	8330	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	0.00	10.00	2.00	X
MW-1	W01SSD	12/12/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.40		UG/L	0.00	10.00	2.00	X
MW-1	W01SSD	12/12/2000	CHPPM	HEXAHYDRO-1,3,5-TRINITRO-1	11.00		UG/L	0.00	10.00	2.00	X
MW-2	W02M1A	08/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10		UG/L	75.00	80.00	2.00	X
MW-2	W02M2A	01/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	13.00		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	02/03/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.80		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	09/03/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.80		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	05/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.30	J	UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	08/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	11/27/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	05/03/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.10		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	08/21/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.50		UG/L	33.00	38.00	2.00	X
MW-2	W02M2A	11/19/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.00		UG/L	33.00	38.00	2.00	X

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1997 THROUGH JULY 2002

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-2	W02M2A	05/01/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.00	J	UG/L	33.00	38.00	2.00	X
MW-100	W100M1A	06/06/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.30		UG/L	45.00	55.00	2.00	X
MW-100	W100M1A	10/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.90		UG/L	45.00	55.00	2.00	X
MW-100	W100M1A	01/27/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.90		UG/L	45.00	55.00	2.00	X
MW-100	W100M1A	10/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.90		UG/L	45.00	55.00	2.00	X
MW-100	W100M1A	11/27/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.00		UG/L	45.00	55.00	2.00	X
MW-100	W100M1D	06/06/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.30		UG/L	45.00	55.00	2.00	X
MW-100	W100M1D	10/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.90		UG/L	45.00	55.00	2.00	X
MW-101	W101M1A	06/06/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	27.00	37.00	2.00	X
MW-101	W101M1A	10/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.30		UG/L	27.00	37.00	2.00	X
MW-101	W101M1A	11/27/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.00		UG/L	27.00	37.00	2.00	X
MW-105	W105M1A	06/21/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.90		UG/L	78.00	88.00	2.00	X
MW-105	W105M1A	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.90		UG/L	78.00	88.00	2.00	X
MW-105	W105M1A	01/27/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.30		UG/L	78.00	88.00	2.00	X
MW-105	W105M1A	10/22/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10	J	UG/L	78.00	88.00	2.00	X
MW-105	W105M1A	11/26/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10		UG/L	78.00	88.00	2.00	X
MW-107	W107M2A	06/21/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.00		UG/L	5.00	15.00	2.00	X
MW-107	W107M2A	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.10		UG/L	5.00	15.00	2.00	X
MW-107	W107M2A	10/22/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.40		UG/L	5.00	15.00	2.00	X
MW-107	W107M2A	11/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20	J	UG/L	5.00	15.00	2.00	X
MW-107	W107M2D	11/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20	J	UG/L	5.00	15.00	2.00	X
MW-111	W111M3A	10/10/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20		UG/L	33.00	43.00	2.00	X
MW-113	W113M2A	09/26/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	9.20		UG/L	48.00	58.00	2.00	X
MW-113	W113M2A	01/15/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	11.00		UG/L	48.00	58.00	2.00	X
MW-113	W113M2A	04/30/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	15.00		UG/L	48.00	58.00	2.00	X
MW-113	W113M2A	12/03/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	48.00	58.00	2.00	X
MW-114	W114M1A	03/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.00	J	UG/L	96.00	106.00	2.00	X
MW-114	W114M1A	12/21/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.30		UG/L	96.00	106.00	2.00	X
MW-114	W114M2A	10/24/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	140.00		UG/L	39.00	49.00	2.00	X
MW-114	W114M2A	03/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	120.00	J	UG/L	39.00	49.00	2.00	X
MW-114	W114M2A	06/19/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	140.00		UG/L	39.00	49.00	2.00	X
MW-114	W114M2A	01/07/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	170.00		UG/L	39.00	49.00	2.00	X
MW-114	W114M2D	10/24/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	140.00		UG/L	39.00	49.00	2.00	X

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1997 THROUGH JULY 2002

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MW-129	W129M2A	12/21/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	10.00		UG/L	46.00	56.00	2.00	X
MW-132	W132SSA	11/09/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50	J	UG/L	0.00	10.00	2.00	X
MW-132	W132SSA	02/16/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.40	J	UG/L	0.00	10.00	2.00	X
MW-132	W132SSA	12/12/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.80		UG/L	0.00	10.00	2.00	X
MW-147	W147M1A	02/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.70		UG/L	94.00	104.00	2.00	X
MW-147	W147M1A	06/19/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20		UG/L	94.00	104.00	2.00	X
MW-147	W147M2A	02/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.00		UG/L	77.00	87.00	2.00	X
MW-147	W147M2A	10/24/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.90		UG/L	77.00	87.00	2.00	X
MW-153	W153M1A	03/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	9.20		UG/L	108.00	118.00	2.00	X
MW-153	W153M1A	07/24/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.80		UG/L	108.00	118.00	2.00	X
MW-153	W153M1A	10/24/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.80		UG/L	108.00	118.00	2.00	X
MW-160	W160SSA	01/23/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20	J	UG/L	5.00	15.00	2.00	X
MW-163	W163SSA	06/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.70		UG/L	0.00	10.00	2.00	X
MW-163	W163SSA	10/10/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.80		UG/L	0.00	10.00	2.00	X
MW-163	W163SSA	02/05/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.10		UG/L	0.00	10.00	2.00	X
MW-163	W163SSA	03/07/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.20		UG/L	0.00	10.00	2.00	X
MW-164	W164M2A	05/25/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	119.00	129.00	2.00	X
MW-164	W164M2A	08/21/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.00		UG/L	119.00	129.00	2.00	X
MW-164	W164M2A	01/17/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.60		UG/L	119.00	129.00	2.00	X
MW-165	W165M2A	05/08/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	60.00		UG/L	46.00	56.00	2.00	X
MW-165	W165M2A	08/16/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	50.00		UG/L	46.00	56.00	2.00	X
MW-165	W165M2A	01/07/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	27.00	J	UG/L	46.00	56.00	2.00	X
MW-166	W166M1A	05/31/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.70		UG/L	112.00	117.00	2.00	X
MW-166	W166M1A	10/04/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.40		UG/L	112.00	117.00	2.00	X
MW-166	W166M1A	01/16/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	112.00	117.00	2.00	X
MW-166	W166M3A	06/01/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.30		UG/L	19.00	29.00	2.00	X
MW-166	W166M3A	10/04/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.90		UG/L	19.00	29.00	2.00	X
MW-166	W166M3A	01/17/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10		UG/L	19.00	29.00	2.00	X
MW-16	W16SSA	12/08/2000	CHPPM	HEXAHYDRO-1,3,5-TRINITRO-1	2.50	J	UG/L	0.00	10.00	2.00	X
MW-171	W171M2A	05/31/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10		UG/L	83.00	88.00	2.00	X
MW-171	W171M2A	12/21/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.60		UG/L	83.00	88.00	2.00	X
MW-178	W178M1A	10/31/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.80		UG/L	117.00	127.00	2.00	X
MW-178	W178M1A	03/08/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.60	J	UG/L	117.00	127.00	2.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-184	W184M1A	01/24/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	23.00		UG/L	58.00	68.00	2.00	X
MW-191	W191M2A	01/25/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10	J	UG/L	8.00	18.00	2.00	X
MW-198	W198M3A	02/15/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	15.00		UG/L	78.00	83.00	2.00	X
MW-198	W198M4A	02/21/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	48.00	53.00	2.00	X
MW-19	W19S2A	07/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	260.00		UG/L	0.00	10.00	2.00	X
MW-19	W19S2D	07/20/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	260.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	03/05/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	190.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	02/12/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	250.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	09/10/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	240.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	05/12/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	150.00	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	05/23/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	160.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	08/08/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	290.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	12/08/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	200.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	12/08/2000	CHPPM	HEXAHYDRO-1,3,5-TRINITRO-1	300.00	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	06/18/2001	8321NX	HEXAHYDRO-1,3,5-TRINITRO-1	220.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	06/18/2001	8321NX	HEXAHYDRO-1,3,5-TRINITRO-1	230.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	06/18/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	200.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	06/18/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	210.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	08/24/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	120.00		UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	12/27/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	120.00		UG/L	0.00	10.00	2.00	X
MW-201	W201M2A	03/13/2002	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10	J	UG/L	0.00	0.00	2.00	X
MW-23	W23M1A	11/07/1997	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.30	J	UG/L	103.00	113.00	2.00	X
MW-23	W23M1A	03/18/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.40		UG/L	103.00	113.00	2.00	X
MW-23	W23M1A	09/13/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.10		UG/L	103.00	113.00	2.00	X
MW-23	W23M1A	05/12/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.60	J	UG/L	103.00	113.00	2.00	X
MW-23	W23M1A	08/08/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.30		UG/L	103.00	113.00	2.00	X
MW-23	W23M1A	12/04/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.00		UG/L	103.00	113.00	2.00	X
MW-23	W23M1A	04/27/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.90		UG/L	103.00	113.00	2.00	X
MW-23	W23M1A	07/30/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	5.30		UG/L	103.00	113.00	2.00	X
MW-23	W23M1A	12/06/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	5.30		UG/L	103.00	113.00	2.00	X
MW-23	W23M1D	03/18/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.70		UG/L	103.00	113.00	2.00	X
MW-23	W23M1D	12/04/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.20		UG/L	103.00	113.00	2.00	X
MW-25	W25SSA	10/16/1997	8330	HEXAHYDRO-1,3,5-TRINITRO-1	2.00		UG/L	0.00	10.00	2.00	X

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1997 THROUGH JULY 2002

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-1	4.10		UG/L	0.00	10.00	2.00	X
MW-31	W31DDA	08/09/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	150.00		UG/L	48.00	53.00	2.00	X
MW-31	W31M1A	05/15/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	19.00		UG/L	28.00	38.00	2.00	X
MW-31	W31M1A	08/09/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	14.00		UG/L	28.00	38.00	2.00	X
MW-31	W31MMA	07/15/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	280.00		UG/L	28.00	38.00	2.00	X
MW-31	W31MMA	02/02/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	370.00		UG/L	28.00	38.00	2.00	X
MW-31	W31MMA	09/15/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	29.00		UG/L	28.00	38.00	2.00	X
MW-31	W31MMA	05/23/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	70.00		UG/L	28.00	38.00	2.00	X
MW-31	W31SSA	07/15/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	64.00		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	02/01/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	210.00		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	09/15/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	50.00		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	05/15/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	110.00		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	08/09/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	140.00		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	12/08/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	120.00		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	05/02/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	81.00		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	08/24/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	88.00		UG/L	13.00	18.00	2.00	X
MW-31	W31SSA	01/04/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	31.00		UG/L	13.00	18.00	2.00	X
MW-34	W34M1A	05/17/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20		UG/L	73.00	83.00	2.00	X
MW-34	W34M1A	08/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.00		UG/L	73.00	83.00	2.00	X
MW-34	W34M1A	11/17/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.50		UG/L	73.00	83.00	2.00	X
MW-34	W34M2A	02/19/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.20		UG/L	53.00	63.00	2.00	X
MW-34	W34M2A	05/18/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.70		UG/L	53.00	63.00	2.00	X
MW-34	W34M2A	08/10/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.10		UG/L	53.00	63.00	2.00	X
MW-34	W34M2A	11/17/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	53.00	63.00	2.00	X
MW-37	W37M2A	09/29/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.90		UG/L	26.00	36.00	2.00	X
MW-37	W37M2A	12/29/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.60		UG/L	26.00	36.00	2.00	X
MW-37	W37M2A	03/27/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.10		UG/L	26.00	36.00	2.00	X
MW-37	W37M2A	08/31/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.80	J	UG/L	26.00	36.00	2.00	X
MW-37	W37M2A	11/27/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	26.00	36.00	2.00	X
MW-37	W37M2D	11/27/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	26.00	36.00	2.00	X
MW-38	W38M3A	05/06/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	52.00	62.00	2.00	X
MW-38	W38M3A	08/18/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.60		UG/L	52.00	62.00	2.00	X
MW-38	W38M3A	11/10/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.00		UG/L	52.00	62.00	2.00	X

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MW-38	W38M3A	05/16/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.90	J	UG/L	52.00	62.00	2.00	X
MW-38	W38M3A	08/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.60		UG/L	52.00	62.00	2.00	X
MW-38	W38M3A	11/20/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	52.00	62.00	2.00	X
MW-38	W38M3A	04/30/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.30	J	UG/L	52.00	62.00	2.00	X
MW-38	W38M3A	08/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.00		UG/L	52.00	62.00	2.00	X
MW-38	W38M3A	11/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10	J	UG/L	52.00	62.00	2.00	X
MW-38	W38M3D	11/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.00	J	UG/L	52.00	62.00	2.00	X
MW-40	W40M1A	09/21/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.80		UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	12/30/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.00	J	UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	04/14/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.00	J	UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	09/01/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40	J	UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	11/27/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	06/02/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10		UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	08/16/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.90		UG/L	13.00	23.00	2.00	X
MW-40	W40M1A	11/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10	J	UG/L	13.00	23.00	2.00	X
MW-40	W40M1D	09/21/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.60		UG/L	13.00	23.00	2.00	X
MW-58	W58SSA	11/23/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.70	J	UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	02/15/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.00		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	05/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.40	J	UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	09/05/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.10		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	12/20/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.10		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	06/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.30		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	08/22/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.40		UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	12/12/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.80		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	07/09/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	50.00	J	UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	09/16/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	63.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	11/02/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	57.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	06/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	44.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	09/05/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	29.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	11/14/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	28.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	06/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	22.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSA	01/11/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	79.00		UG/L	0.00	10.00	2.00	X
MW-73	W73SSD	11/14/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	29.00		UG/L	0.00	10.00	2.00	X

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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-76	W76M1A	12/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.30		UG/L	58.00	68.00	2.00	X
MW-76	W76M1A	05/07/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	28.00		UG/L	58.00	68.00	2.00	X
MW-76	W76M1A	08/13/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	90.00		UG/L	58.00	68.00	2.00	X
MW-76	W76M1A	12/28/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	110.00		UG/L	58.00	68.00	2.00	X
MW-76	W76M2A	01/24/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	31.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M2A	05/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	37.00	J	UG/L	38.00	48.00	2.00	X
MW-76	W76M2A	08/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	31.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M2A	12/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	46.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M2A	05/07/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	56.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M2A	08/13/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	51.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M2A	01/07/2002	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	92.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M2D	01/24/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	29.00		UG/L	38.00	48.00	2.00	X
MW-76	W76M2D	08/13/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	48.00		UG/L	38.00	48.00	2.00	X
MW-76	W76SSA	01/20/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	11.00		UG/L	18.00	28.00	2.00	X
MW-76	W76SSA	05/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.50	J	UG/L	18.00	28.00	2.00	X
MW-76	W76SSA	08/01/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10		UG/L	18.00	28.00	2.00	X
MW-76	W76SSA	05/07/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10		UG/L	18.00	28.00	2.00	X
MW-76	W76SSA	08/10/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	4.50		UG/L	18.00	28.00	2.00	X
MW-76	W76SSA	12/28/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	9.90	J	UG/L	18.00	28.00	2.00	X
MW-77	W77M2A	01/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	150.00		UG/L	38.00	48.00	2.00	X
MW-77	W77M2A	05/02/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	100.00	J	UG/L	38.00	48.00	2.00	X
MW-77	W77M2A	08/01/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	97.00	J	UG/L	38.00	48.00	2.00	X
MW-77	W77M2A	12/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	93.00		UG/L	38.00	48.00	2.00	X
MW-77	W77M2A	05/10/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	39.00		UG/L	38.00	48.00	2.00	X
MW-77	W77M2A	08/10/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	29.00		UG/L	38.00	48.00	2.00	X
MW-77	W77M2A	12/26/2001	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1	26.00		UG/L	38.00	48.00	2.00	X
MW-85	W85M1A	05/22/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	29.00		UG/L	22.00	32.00	2.00	X
MW-85	W85M1A	02/10/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	24.00		UG/L	22.00	32.00	2.00	X
MW-85	W85M1A	06/16/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	27.00		UG/L	22.00	32.00	2.00	X
MW-85	W85M1A	09/26/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	13.00		UG/L	22.00	32.00	2.00	X
MW-85	W85M1A	12/15/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	19.00		UG/L	22.00	32.00	2.00	X
MW-86	W86M2A	09/27/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.00		UG/L	16.00	26.00	2.00	X
MW-86	W86M2A	11/30/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.70		UG/L	16.00	26.00	2.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-86	W86SSA	04/28/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50	J	UG/L	1.00	11.00	2.00	X
MW-87	W87M1A	04/28/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.50	J	UG/L	62.00	72.00	2.00	X
MW-87	W87M1A	09/14/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.00		UG/L	62.00	72.00	2.00	X
MW-87	W87M1A	01/10/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.60		UG/L	62.00	72.00	2.00	X
MW-87	W87M1A	09/27/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.00		UG/L	62.00	72.00	2.00	X
MW-87	W87M1A	12/03/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.20		UG/L	62.00	72.00	2.00	X
MW-88	W88M2A	05/24/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.00		UG/L	72.00	82.00	2.00	X
MW-88	W88M2A	09/21/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.70		UG/L	72.00	82.00	2.00	X
MW-88	W88M2A	01/10/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.80		UG/L	72.00	82.00	2.00	X
MW-88	W88M2A	09/28/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.40		UG/L	72.00	82.00	2.00	X
MW-88	W88M2A	12/04/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.50		UG/L	72.00	82.00	2.00	X
MW-89	W89M1A	09/28/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10		UG/L	92.00	102.00	2.00	X
MW-89	W89M1A	12/04/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	92.00	102.00	2.00	X
MW-89	W89M2A	05/26/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.30		UG/L	72.00	82.00	2.00	X
MW-89	W89M2A	09/21/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.30		UG/L	72.00	82.00	2.00	X
MW-89	W89M2A	01/11/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	7.50		UG/L	72.00	82.00	2.00	X
MW-89	W89M2A	10/03/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.80		UG/L	72.00	82.00	2.00	X
MW-89	W89M2A	12/03/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.90		UG/L	72.00	82.00	2.00	X
MW-89	W89M2D	10/03/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.90		UG/L	72.00	82.00	2.00	X
MW-90	W90M1A	10/11/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	27.00	37.00	2.00	X
MW-90	W90SSA	05/19/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.40	J	UG/L	0.00	10.00	2.00	X
MW-91	W91M1A	05/22/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	18.00		UG/L	45.00	55.00	2.00	X
MW-91	W91M1A	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	11.00		UG/L	45.00	55.00	2.00	X
MW-91	W91M1A	01/20/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	45.00	55.00	2.00	X
MW-91	W91M1A	10/03/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	13.00	J	UG/L	45.00	55.00	2.00	X
MW-91	W91M1A	11/29/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	10.00	J	UG/L	45.00	55.00	2.00	X
MW-91	W91M1D	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	11.00		UG/L	45.00	55.00	2.00	X
MW-91	W91SSA	05/19/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	0.00	10.00	2.00	X
MW-91	W91SSA	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	13.00		UG/L	0.00	10.00	2.00	X
MW-91	W91SSA	01/20/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	0.00	10.00	2.00	X
MW-91	W91SSA	10/09/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	14.00		UG/L	0.00	10.00	2.00	X
MW-91	W91SSA	12/20/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	20.00		UG/L	0.00	10.00	2.00	X
MW-93	W93M1A	05/26/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20	J	UG/L	56.00	66.00	2.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-93	W93M1A	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.50		UG/L	56.00	66.00	2.00	X
MW-93	W93M1A	01/22/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40	J	UG/L	56.00	66.00	2.00	X
MW-93	W93M1A	10/03/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.20		UG/L	56.00	66.00	2.00	X
MW-93	W93M1A	11/28/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.80		UG/L	56.00	66.00	2.00	X
MW-93	W93M1D	01/22/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.40		UG/L	56.00	66.00	2.00	X
MW-93	W93M2A	05/26/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.20		UG/L	16.00	26.00	2.00	X
MW-93	W93M2A	11/07/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.20		UG/L	16.00	26.00	2.00	X
MW-93	W93M2A	01/20/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	4.10	J	UG/L	16.00	26.00	2.00	X
MW-93	W93M2A	10/03/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	9.90		UG/L	16.00	26.00	2.00	X
MW-93	W93M2A	11/28/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	12.00		UG/L	16.00	26.00	2.00	X
MW-95	W95M1A	05/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20		UG/L	78.00	88.00	2.00	X
MW-95	W95M1A	10/01/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.20		UG/L	78.00	88.00	2.00	X
MW-95	W95M1A	12/15/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.20		UG/L	78.00	88.00	2.00	X
MW-98	W98M1A	05/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.10		UG/L	26.00	36.00	2.00	X
MW-99	W99M1A	05/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.90		UG/L	60.00	70.00	2.00	X
MW-99	W99M1A	09/29/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.00		UG/L	60.00	70.00	2.00	X
MW-99	W99M1A	01/13/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.20		UG/L	60.00	70.00	2.00	X
MW-99	W99M1D	05/25/2000	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	6.90		UG/L	60.00	70.00	2.00	X
58MW0002	WC2XXA	02/26/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	19.00		UG/L	4.00	9.00	2.00	X
58MW0002	WC2XXA	01/14/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	20.00		UG/L	4.00	9.00	2.00	X
58MW0002	WC2XXA	10/08/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	8.80		UG/L	4.00	9.00	2.00	X
58MW0009E	WC9EXA	10/02/1997	8330	HEXAHYDRO-1,3,5-TRINITRO-1	7.70		UG/L	6.00	11.00	2.00	X
58MW0009E	WC9EXA	01/26/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	17.00		UG/L	6.00	11.00	2.00	X
58MW0009E	WC9EXA	09/28/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	18.00		UG/L	6.00	11.00	2.00	X
58MW0009E	WC9EXD	09/28/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	18.00		UG/L	6.00	11.00	2.00	X
90WT0013	WF13XA	01/16/1998	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.20	J	UG/L	0.00	10.00	2.00	X
90MW0022	WF22XA	01/26/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.80		UG/L	72.00	77.00	2.00	X
90MW0022	WF22XA	02/16/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.40		UG/L	72.00	77.00	2.00	X
90MW0022	WF22XA	09/30/1999	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	5.20		UG/L	72.00	77.00	2.00	X
OW-1	WOW-1A	11/15/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.30		UG/L	0.00	10.00	2.00	X
OW-2	WOW-2A	11/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	3.00		UG/L	48.00	58.00	2.00	X
OW-6	WOW-6A	11/14/2001	8330N	HEXAHYDRO-1,3,5-TRINITRO-1	2.30		UG/L	46.00	56.00	2.00	X
ASPWELL	ASPWELL	07/20/1999	E200.8	LEAD	53.00		UG/L	0.00	0.00	15.00	X

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1997 THROUGH JULY 2002

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ASPWELL	ASPWELL	12/12/2000	IM40PB	LEAD	20.90		UG/L	0.00	0.00	15.00	X
ASPWELL	ASPWELL	05/24/2001	IM40MB	LEAD	30.40		UG/L	0.00	0.00	15.00	X
MW-2	W02SSA	02/23/1998	IM40MB	LEAD	20.10		UG/L	0.00	10.00	15.00	X
MW-7	W07M1A	09/07/1999	IM40MB	LEAD	40.20		UG/L	135.00	140.00	15.00	X
MW-7	W07M1D	09/07/1999	IM40MB	LEAD	18.30		UG/L	135.00	140.00	15.00	X
MW-45	W45SSA	08/23/2001	IM40MB	LEAD	42.20		UG/L	0.00	10.00	15.00	X
MW-45	W45SSA	12/14/2001	IM40MB	LEAD	42.80		UG/L	0.00	10.00	15.00	X
MW-2	W02SSA	02/23/1998	IM40MB	MOLYBDENUM	72.10		UG/L	0.00	10.00	40.00	X
MW-2	W02SSL	02/23/1998	IM40MB	MOLYBDENUM	63.30		UG/L	0.00	10.00	40.00	X
MW-46	W46M2A	03/30/1999	IM40MB	MOLYBDENUM	48.90		UG/L	56.00	66.00	40.00	X
MW-46	W46M2L	03/30/1999	IM40MB	MOLYBDENUM	51.00		UG/L	56.00	66.00	40.00	X
MW-47	W47M3A	03/29/1999	IM40MB	MOLYBDENUM	43.10		UG/L	21.00	31.00	40.00	X
MW-47	W47M3L	03/29/1999	IM40MB	MOLYBDENUM	40.50		UG/L	21.00	31.00	40.00	X
MW-52	W52DDA	04/02/1999	IM40MB	MOLYBDENUM	51.10		UG/L	218.00	228.00	40.00	X
MW-52	W52DDL	04/02/1999	IM40MB	MOLYBDENUM	48.90		UG/L	218.00	228.00	40.00	X
MW-52	W52M3A	04/07/1999	IM40MB	MOLYBDENUM	72.60		UG/L	59.00	64.00	40.00	X
MW-52	W52M3L	04/07/1999	IM40MB	MOLYBDENUM	67.60		UG/L	59.00	64.00	40.00	X
MW-53	W53M1A	05/03/1999	IM40MB	MOLYBDENUM	122.00		UG/L	99.00	109.00	40.00	X
MW-53	W53M1A	08/30/1999	IM40MB	MOLYBDENUM	55.20		UG/L	99.00	109.00	40.00	X
MW-53	W53M1A	11/05/1999	IM40MB	MOLYBDENUM	41.20		UG/L	99.00	109.00	40.00	X
MW-53	W53M1L	05/03/1999	IM40MB	MOLYBDENUM	132.00		UG/L	99.00	109.00	40.00	X
MW-53	W53M1L	08/30/1999	IM40MB	MOLYBDENUM	54.10		UG/L	99.00	109.00	40.00	X
MW-54	W54M2A	08/27/1999	IM40MB	MOLYBDENUM	43.70		UG/L	59.00	69.00	40.00	X
MW-54	W54M2L	08/27/1999	IM40MB	MOLYBDENUM	43.20		UG/L	59.00	69.00	40.00	X
MW-54	W54SSA	04/30/1999	IM40MB	MOLYBDENUM	56.70		UG/L	0.00	10.00	40.00	X
MW-54	W54SSA	08/27/1999	IM40MB	MOLYBDENUM	61.40		UG/L	0.00	10.00	40.00	X
MW-54	W54SSL	04/30/1999	IM40MB	MOLYBDENUM	66.20		UG/L	0.00	10.00	40.00	X
MW-19	W19SSA	06/18/2001	8321NX	NITROGLYCERIN	80.00		UG/L	0.00	10.00	5.00	X
MW-41	W41M1A	05/18/2000	8151	PENTACHLOROPHENOL	1.80	J	UG/L	108.00	118.00	1.00	X
16MW0001	16MW0001-	05/13/2002	E314.0	PERCHLORATE	2.70		UG/L			1.50	X
27MW0031B	27MW0031B-	04/20/2001	E314.0	PERCHLORATE	17.70		UG/L			1.50	X
27MW0031B	27MW0031B-	07/05/2001	E314.0	PERCHLORATE	15.10		UG/L			1.50	X
27MW0031B	27MW0031B-	01/03/2002	E314.0	PERCHLORATE	9.30		UG/L			1.50	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
27MW0031B	27MW0031B-	03/29/2002	E314.0	PERCHLORATE	7.18		UG/L			1.50	X
27MW0031B	27MW0031B-	03/29/2002	E314.0	PERCHLORATE	8.30		UG/L			1.50	X
58MW0009C	58MW0009C	06/04/2002	E314.0	PERCHLORATE	1.50		UG/L	41.00	47.00	1.50	X
58MW0015A	58MW0015A	04/11/2002	E314.0	PERCHLORATE	2.09		UG/L	39.00	51.00	1.50	X
90MW0022	90MW0022	05/19/2001	E314.0	PERCHLORATE	2.00	J	UG/L	72.00	77.00	1.50	X
90MW0022	90MW0022	09/05/2001	E314.0	PERCHLORATE	2.00	J	UG/L	72.00	77.00	1.50	X
90MW0022	90MW0022	01/16/2002	E314.0	PERCHLORATE	1.63	J	UG/L	72.00	77.00	1.50	X
90MW0022	90MW0022	04/15/2002	E314.0	PERCHLORATE	1.90		UG/L	72.00	77.00	1.50	X
90MW0054	90MW0054	10/24/2001	E314.0	PERCHLORATE	27.80		UG/L	91.00	96.00	1.50	X
90MW0054	90MW0054	12/13/2001	E314.0	PERCHLORATE	32.10		UG/L	91.00	96.00	1.50	X
90MW0054	90MW0054	04/20/2002	E314.0	PERCHLORATE	26.30	J	UG/L	91.00	96.00	1.50	X
90MW0054	90MW0054AA	01/30/2001	E314.0	PERCHLORATE	9.00		UG/L	91.00	96.00	1.50	X
90MW0054	90MW0054AD	01/30/2001	E314.0	PERCHLORATE	10.00		UG/L	91.00	96.00	1.50	X
MW-100	W100M1A	10/23/2001	E314.0	PERCHLORATE	1.67	J	UG/L	45.00	55.00	1.50	X
MW-101	W101M1A	01/20/2001	E314.0	PERCHLORATE	3.00	J	UG/L	27.00	37.00	1.50	X
MW-101	W101M1A	10/23/2001	E314.0	PERCHLORATE	1.75	J	UG/L	27.00	37.00	1.50	X
MW-101	W101M1A	11/27/2001	E314.0	PERCHLORATE	1.72	J	UG/L	27.00	37.00	1.50	X
MW-105	W105M1A	11/26/2001	E314.0	PERCHLORATE	1.98	J	UG/L	78.00	88.00	1.50	X
MW-114	W114M1A	12/28/2000	E314.0	PERCHLORATE	11.00		UG/L	96.00	106.00	1.50	X
MW-114	W114M1A	03/14/2001	E314.0	PERCHLORATE	13.00		UG/L	96.00	106.00	1.50	X
MW-114	W114M1A	06/18/2001	E314.0	PERCHLORATE	10.00		UG/L	96.00	106.00	1.50	X
MW-114	W114M1A	12/21/2001	E314.0	PERCHLORATE	22.10		UG/L	96.00	106.00	1.50	X
MW-114	W114M2A	12/29/2000	E314.0	PERCHLORATE	300.00		UG/L	39.00	49.00	1.50	X
MW-114	W114M2A	03/14/2001	E314.0	PERCHLORATE	260.00		UG/L	39.00	49.00	1.50	X
MW-114	W114M2A	06/19/2001	E314.0	PERCHLORATE	207.00		UG/L	39.00	49.00	1.50	X
MW-114	W114M2A	01/10/2002	E314.0	PERCHLORATE	127.00		UG/L	39.00	49.00	1.50	X
MW-114	W114M2A	05/29/2002	E314.0	PERCHLORATE	72.00		UG/L	39.00	49.00	1.50	X
MW-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	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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-129	W129M1A	12/21/2001	E314.0	PERCHLORATE	5.92	J	UG/L	66.00	76.00	1.50	X
MW-129	W129M1A	04/12/2002	E314.0	PERCHLORATE	4.63		UG/L	66.00	76.00	1.50	X
MW-129	W129M2A	03/14/2001	E314.0	PERCHLORATE	6.00		UG/L	46.00	56.00	1.50	X
MW-129	W129M2A	06/20/2001	E314.0	PERCHLORATE	8.00		UG/L	46.00	56.00	1.50	X
MW-129	W129M2A	12/21/2001	E314.0	PERCHLORATE	6.93	J	UG/L	46.00	56.00	1.50	X
MW-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	W130SSA	12/13/2001	E314.0	PERCHLORATE	4.21		UG/L	0.00	10.00	1.50	X
MW-130	W130SSD	06/14/2001	E314.0	PERCHLORATE	3.00	J	UG/L	0.00	10.00	1.50	X
MW-130	W130SSD	12/13/2001	E314.0	PERCHLORATE	4.10		UG/L	0.00	10.00	1.50	X
MW-132	W132SSA	11/09/2000	E314.0	PERCHLORATE	39.00	J	UG/L	0.00	10.00	1.50	X
MW-132	W132SSA	02/16/2001	E314.0	PERCHLORATE	65.00		UG/L	0.00	10.00	1.50	X
MW-132	W132SSA	06/15/2001	E314.0	PERCHLORATE	75.00		UG/L	0.00	10.00	1.50	X
MW-132	W132SSA	12/12/2001	E314.0	PERCHLORATE	27.40		UG/L	0.00	10.00	1.50	X
MW-139	W139M1A	04/17/2002	E314.0	PERCHLORATE	1.86		UG/L	110.00	120.00	1.50	X
MW-139	W139M2A	12/29/2000	E314.0	PERCHLORATE	8.00		UG/L	70.00	80.00	1.50	X
MW-139	W139M2A	03/15/2001	E314.0	PERCHLORATE	11.00	J	UG/L	70.00	80.00	1.50	X
MW-139	W139M2A	06/20/2001	E314.0	PERCHLORATE	3.00	J	UG/L	70.00	80.00	1.50	X
MW-139	W139M2A	04/17/2002	E314.0	PERCHLORATE	2.77		UG/L	70.00	80.00	1.50	X
MW-158	W158M2A	01/16/2002	E314.0	PERCHLORATE	1.61	J	UG/L	37.00	47.00	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-162	W162M2A	01/18/2002	E314.0	PERCHLORATE	1.55	J	UG/L	49.00	59.00	1.50	X
MW-163	W163SSA	06/14/2001	E314.0	PERCHLORATE	67.00		UG/L	0.00	10.00	1.50	X
MW-163	W163SSA	10/10/2001	E314.0	PERCHLORATE	39.60		UG/L	0.00	10.00	1.50	X
MW-163	W163SSA	02/05/2002	E314.0	PERCHLORATE	17.90		UG/L	0.00	10.00	1.50	X
MW-163	W163SSA	03/07/2002	E314.0	PERCHLORATE	33.10		UG/L	0.00	10.00	1.50	X
MW-165	W165M2A	05/08/2001	E314.0	PERCHLORATE	122.00	J	UG/L	46.00	56.00	1.50	X
MW-165	W165M2A	08/16/2001	E314.0	PERCHLORATE	102.00		UG/L	46.00	56.00	1.50	X
MW-165	W165M2A	01/10/2002	E314.0	PERCHLORATE	81.20		UG/L	46.00	56.00	1.50	X
MW-165	W165M2A	04/18/2002	E314.0	PERCHLORATE	83.50		UG/L	46.00	56.00	1.50	X
MW-166	W166M3A	10/04/2001	E314.0	PERCHLORATE	1.50	J	UG/L	19.00	29.00	1.50	X
MW-166	W166M3A	01/17/2002	E314.0	PERCHLORATE	1.82	J	UG/L	19.00	29.00	1.50	X
MW-172	W172M2A	06/21/2001	E314.0	PERCHLORATE	3.00	J	UG/L	104.00	114.00	1.50	X

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1997 THROUGH JULY 2002

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-172	W172M2A	09/21/2001	E314.0	PERCHLORATE	3.94	J	UG/L	104.00	114.00	1.50	X
MW-172	W172M2A	02/08/2002	E314.0	PERCHLORATE	5.45		UG/L	104.00	114.00	1.50	X
MW-193	W193M1A	02/20/2002	E314.0	PERCHLORATE	7.02		UG/L	23.00	28.00	1.50	X
MW-193	W193M1D	02/20/2002	E314.0	PERCHLORATE	7.30		UG/L	0.00	0.00	1.50	X
MW-197	W197M3A	02/12/2002	E314.0	PERCHLORATE	34.10		UG/L	39.00	44.00	1.50	X
MW-198	W198M3A	02/15/2002	E314.0	PERCHLORATE	40.90		UG/L	78.00	83.00	1.50	X
MW-198	W198M4A	02/21/2002	E314.0	PERCHLORATE	311.00		UG/L	48.00	53.00	1.50	X
MW-19	W19SSA	08/08/2000	E314.0	PERCHLORATE	5.00	J	UG/L	0.00	10.00	1.50	X
MW-19	W19SSA	12/08/2000	E314.0	PERCHLORATE	12.00		UG/L	0.00	10.00	1.50	X
MW-19	W19SSA	06/18/2001	E314.0	PERCHLORATE	41.00		UG/L	0.00	10.00	1.50	X
MW-19	W19SSA	08/24/2001	E314.0	PERCHLORATE	8.49		UG/L	0.00	10.00	1.50	X
MW-19	W19SSA	12/27/2001	E314.0	PERCHLORATE	18.60	J	UG/L	0.00	10.00	1.50	X
MW-19	W19SSA	05/29/2002	E314.0	PERCHLORATE	5.20		UG/L	0.00	10.00	1.50	X
MW-210	W210M2A	06/06/2002	E314.0	PERCHLORATE	12.00		UG/L	54.00	64.00	1.50	X
MW-210	W210M2D	06/06/2002	E314.0	PERCHLORATE	11.00		UG/L	54.00	64.00	1.50	X
MW-211	W211M2A	06/06/2002	E314.0	PERCHLORATE	3.00		UG/L	29.00	39.00	1.50	X
MW-31	W31M1A	08/09/2000	E314.0	PERCHLORATE	50.00	J	UG/L	28.00	38.00	1.50	X
MW-31	W31MMA	05/23/2001	E314.0	PERCHLORATE	19.00		UG/L	28.00	38.00	1.50	X
MW-31	W31MMA	01/04/2002	E314.0	PERCHLORATE	1.66	J	UG/L	28.00	38.00	1.50	X
MW-31	W31MMA	04/22/2002	E314.0	PERCHLORATE	2.98	J	UG/L	28.00	38.00	1.50	X
MW-31	W31MMD	04/22/2002	E314.0	PERCHLORATE	3.04	J	UG/L	28.00	38.00	1.50	X
MW-31	W31SSA	08/09/2000	E314.0	PERCHLORATE	40.00	J	UG/L	13.00	18.00	1.50	X
MW-31	W31SSA	12/08/2000	E314.0	PERCHLORATE	30.00		UG/L	13.00	18.00	1.50	X
MW-31	W31SSA	05/02/2001	E314.0	PERCHLORATE	20.00	J	UG/L	13.00	18.00	1.50	X
MW-31	W31SSA	08/24/2001	E314.0	PERCHLORATE	16.20		UG/L	13.00	18.00	1.50	X
MW-31	W31SSA	01/04/2002	E314.0	PERCHLORATE	12.50		UG/L	13.00	18.00	1.50	X
MW-31	W31SSA	05/29/2002	E314.0	PERCHLORATE	12.00		UG/L	13.00	18.00	1.50	X
MW-32	W32MMA	04/22/2002	E314.0	PERCHLORATE	1.97		UG/L	65.00	75.00	1.50	X
MW-33	W33DDA	12/26/2001	E314.0	PERCHLORATE	1.54	J	UG/L	85.00	90.00	1.50	X
MW-33	W33DDA	04/23/2002	E314.0	PERCHLORATE	2.02		UG/L	85.00	90.00	1.50	X
MW-33	W33MMA	04/23/2002	E314.0	PERCHLORATE	1.72		UG/L	65.00	75.00	1.50	X
MW-33	W33SSA	04/23/2002	E314.0	PERCHLORATE	1.72		UG/L	50.00	55.00	1.50	X
MW-34	W34M1A	12/18/2000	E314.0	PERCHLORATE	109.00		UG/L	73.00	83.00	1.50	X

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1997 THROUGH JULY 2002

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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	W34M1A	12/26/2001	E314.0	PERCHLORATE	17.70		UG/L	73.00	83.00	1.50	X
MW-34	W34M1A	04/24/2002	E314.0	PERCHLORATE	7.90		UG/L	73.00	83.00	1.50	X
MW-34	W34M1D	07/31/2001	E314.0	PERCHLORATE	31.40		UG/L	73.00	83.00	1.50	X
MW-34	W34M2A	08/10/2000	E314.0	PERCHLORATE	60.00	J	UG/L	53.00	63.00	1.50	X
MW-34	W34M2A	12/18/2000	E314.0	PERCHLORATE	34.00		UG/L	53.00	63.00	1.50	X
MW-34	W34M2A	05/01/2001	E314.0	PERCHLORATE	28.00	J	UG/L	53.00	63.00	1.50	X
MW-34	W34M2A	07/30/2001	E314.0	PERCHLORATE	16.20		UG/L	53.00	63.00	1.50	X
MW-34	W34M2A	12/26/2001	E314.0	PERCHLORATE	5.85	J	UG/L	53.00	63.00	1.50	X
MW-34	W34M2A	04/24/2002	E314.0	PERCHLORATE	19.60		UG/L	53.00	63.00	1.50	X
MW-35	W35M1A	05/04/2001	E314.0	PERCHLORATE	4.00	J	UG/L	68.00	78.00	1.50	X
MW-35	W35M1A	08/03/2001	E314.0	PERCHLORATE	5.40		UG/L	68.00	78.00	1.50	X
MW-35	W35M1A	12/21/2001	E314.0	PERCHLORATE	6.34	J	UG/L	68.00	78.00	1.50	X
MW-35	W35M1A	04/24/2002	E314.0	PERCHLORATE	6.44	J	UG/L	68.00	78.00	1.50	X
MW-36	W36M2A	01/08/2002	E314.0	PERCHLORATE	1.86	J	UG/L	54.00	64.00	1.50	X
MW-36	W36M2A	04/24/2002	E314.0	PERCHLORATE	3.44		UG/L	54.00	64.00	1.50	X
MW-36	W36M2D	01/08/2002	E314.0	PERCHLORATE	2.16		UG/L	54.00	64.00	1.50	X
MW-66	W66SSA	08/13/2001	E314.0	PERCHLORATE	1.90	J	UG/L	7.00	17.00	1.50	X
MW-66	W66SSA	09/21/2001	E314.0	PERCHLORATE	2.20	J	UG/L	7.00	17.00	1.50	X
MW-73	W73SSA	06/14/2001	E314.0	PERCHLORATE	10.00		UG/L	0.00	10.00	1.50	X
MW-73	W73SSA	01/11/2002	E314.0	PERCHLORATE	3.30		UG/L	0.00	10.00	1.50	X
MW-73	W73SSD	12/19/2000	E314.0	PERCHLORATE	6.00		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	W75M2A	08/09/2001	E314.0	PERCHLORATE	6.24		UG/L	34.00	44.00	1.50	X
MW-75	W75M2A	01/07/2002	E314.0	PERCHLORATE	4.08		UG/L	34.00	44.00	1.50	X
MW-75	W75M2A	04/25/2002	E314.0	PERCHLORATE	4.89		UG/L	34.00	44.00	1.50	X
MW-75	W75M2D	05/09/2001	E314.0	PERCHLORATE	9.00	J	UG/L	34.00	44.00	1.50	X
MW-76	W76M1A	05/07/2001	E314.0	PERCHLORATE	8.00		UG/L	58.00	68.00	1.50	X
MW-76	W76M1A	08/13/2001	E314.0	PERCHLORATE	16.00		UG/L	58.00	68.00	1.50	X
MW-76	W76M1A	12/28/2001	E314.0	PERCHLORATE	30.60		UG/L	58.00	68.00	1.50	X
MW-76	W76M1A	04/24/2002	E314.0	PERCHLORATE	15.30		UG/L	58.00	68.00	1.50	X
MW-76	W76M2A	12/06/2000	E314.0	PERCHLORATE	11.00		UG/L	38.00	48.00	1.50	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
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	W76M2A	01/07/2002	E314.0	PERCHLORATE	126.00		UG/L	38.00	48.00	1.50	X
MW-76	W76M2A	04/24/2002	E314.0	PERCHLORATE	174.00		UG/L	38.00	48.00	1.50	X
MW-76	W76M2D	08/13/2001	E314.0	PERCHLORATE	22.50		UG/L	38.00	48.00	1.50	X
MW-76	W76SSA	12/07/2000	E314.0	PERCHLORATE	5.00		UG/L	18.00	28.00	1.50	X
MW-76	W76SSA	05/07/2001	E314.0	PERCHLORATE	7.00		UG/L	18.00	28.00	1.50	X
MW-76	W76SSA	08/10/2001	E314.0	PERCHLORATE	13.30		UG/L	18.00	28.00	1.50	X
MW-76	W76SSA	12/28/2001	E314.0	PERCHLORATE	41.20		UG/L	18.00	28.00	1.50	X
MW-76	W76SSA	04/24/2002	E314.0	PERCHLORATE	175.00		UG/L	18.00	28.00	1.50	X
MW-77	W77M2A	12/06/2000	E314.0	PERCHLORATE	28.00		UG/L	38.00	48.00	1.50	X
MW-77	W77M2A	05/10/2001	E314.0	PERCHLORATE	16.00	J	UG/L	38.00	48.00	1.50	X
MW-77	W77M2A	08/10/2001	E314.0	PERCHLORATE	13.90		UG/L	38.00	48.00	1.50	X
MW-77	W77M2A	12/26/2001	E314.0	PERCHLORATE	12.30		UG/L	38.00	48.00	1.50	X
MW-77	W77M2A	04/24/2002	E314.0	PERCHLORATE	8.01		UG/L	38.00	48.00	1.50	X
MW-78	W78M1A	04/25/2002	E314.0	PERCHLORATE	2.07		UG/L	58.00	68.00	1.50	X
MW-78	W78M2A	12/06/2000	E314.0	PERCHLORATE	19.00		UG/L	38.00	48.00	1.50	X
MW-78	W78M2A	05/10/2001	E314.0	PERCHLORATE	9.00	J	UG/L	38.00	48.00	1.50	X
MW-78	W78M2A	08/15/2001	E314.0	PERCHLORATE	11.40		UG/L	38.00	48.00	1.50	X
MW-78	W78M2A	12/28/2001	E314.0	PERCHLORATE	4.43		UG/L	38.00	48.00	1.50	X
MW-78	W78M2A	04/25/2002	E314.0	PERCHLORATE	4.75		UG/L	38.00	48.00	1.50	X
MW-80	W80M1A	08/20/2001	E314.0	PERCHLORATE	1.70	J	UG/L	86.00	96.00	1.50	X
MW-80	W80M1A	10/10/2001	E314.0	PERCHLORATE	1.50	J	UG/L	86.00	96.00	1.50	X
MW-80	W80M1A	12/20/2001	E314.0	PERCHLORATE	1.63	J	UG/L	86.00	96.00	1.50	X
MW-80	W80M1A	04/04/2002	E314.0	PERCHLORATE	2.26	J	UG/L	86.00	96.00	1.50	X
MW-91	W91M1A	10/03/2001	E314.0	PERCHLORATE	1.50	J	UG/L	45.00	55.00	1.50	X
MW-91	W91M1A	11/29/2001	E314.0	PERCHLORATE	1.62	J	UG/L	45.00	55.00	1.50	X
MW-91	W91SSA	01/20/2001	E314.0	PERCHLORATE	5.00	J	UG/L	0.00	10.00	1.50	X
MW-91	W91SSA	10/09/2001	E314.0	PERCHLORATE	3.22	J	UG/L	0.00	10.00	1.50	X
MW-91	W91SSA	12/20/2001	E314.0	PERCHLORATE	3.83	J	UG/L	0.00	10.00	1.50	X
MW-91	W91SSA	05/20/2002	E314.0	PERCHLORATE	4.00		UG/L	0.00	10.00	1.50	X
MW-93	W93M1A	01/20/2001	E314.0	PERCHLORATE	3.00	J	UG/L	56.00	66.00	1.50	X
MW-93	W93M1A	10/03/2001	E314.0	PERCHLORATE	1.80	J	UG/L	56.00	66.00	1.50	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-93	W93M1D	01/20/2001	E314.0	PERCHLORATE	2.00	J	UG/L	56.00	66.00	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-99	W99M1A	11/28/2001	E314.0	PERCHLORATE	1.51	J	UG/L	60.00	70.00	1.50	X
OW-1	WOW-1A	11/15/2001	E314.0	PERCHLORATE	2.92		UG/L	0.00	10.00	1.50	X
OW-1	WOW-1A	05/21/2002	E314.0	PERCHLORATE	2.07	J	UG/L	0.00	10.00	1.50	X
OW-1	WOW-1D	05/21/2002	E314.0	PERCHLORATE	2.15	J	UG/L	0.00	10.00	1.50	X
OW-2	WOW-2A	05/21/2002	E314.0	PERCHLORATE	1.67	J	UG/L	48.00	58.00	1.50	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
ASPWELL	ASPWELL	09/27/2001	IM40MB	SODIUM	22,600.00		UG/L			20,000.00	X
ASPWELL	ASPWELL	12/19/2001	IM40MB	SODIUM	28,500.00		UG/L			20,000.00	X
MW-2	W02DDA	11/19/1997	IM40	SODIUM	21,500.00		UG/L	218.00	223.00	20,000.00	X
MW-2	W02DDL	11/19/1997	IM40	SODIUM	22,600.00		UG/L	218.00	223.00	20,000.00	X
MW-2	W02SSA	02/23/1998	IM40MB	SODIUM	27,200.00		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	02/23/1998	IM40MB	SODIUM	26,300.00		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-144	W144SSA	06/18/2001	IM40MB	SODIUM	77,200.00		UG/L	5.00	15.00	20,000.00	X
MW-145	W145SSA	02/12/2001	IM40MB	SODIUM	37,000.00		UG/L	0.00	10.00	20,000.00	X
MW-145	W145SSA	06/20/2001	IM40MB	SODIUM	73,600.00		UG/L	0.00	10.00	20,000.00	X
MW-148	W148SSA	10/18/2001	IM40MB	SODIUM	23,500.00		UG/L	0.00	10.00	20,000.00	X
MW-16	W16SSA	11/17/1997	IM40	SODIUM	20,900.00		UG/L	0.00	10.00	20,000.00	X
MW-16	W16SSL	11/17/1997	IM40	SODIUM	20,400.00		UG/L	0.00	10.00	20,000.00	X
MW-187	W187DDA	01/23/2002	IM40MB	SODIUM	25,300.00		UG/L	199.00	209.00	20,000.00	X
MW-187	W187DDX	01/23/2002	IM40MB	SODIUM	25,200.00		UG/L	199.00	209.00	20,000.00	X
MW-21	W21SSA	10/24/1997	IM40	SODIUM	24,000.00		UG/L	0.00	10.00	20,000.00	X
MW-21	W21SSA	11/15/2000	IM40MB	SODIUM	22,500.00		UG/L	0.00	10.00	20,000.00	X
MW-21	W21SSA	12/20/2001	IM40MB	SODIUM	26,400.00		UG/L	0.00	10.00	20,000.00	X
MW-21	W21SSL	10/24/1997	IM40	SODIUM	24,200.00		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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-46	W46M2L	03/30/1999	IM40MB	SODIUM	24,400.00		UG/L	56.00	66.00	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-54	W54SSA	08/27/1999	IM40MB	SODIUM	33,300.00		UG/L	0.00	10.00	20,000.00	X
MW-57	W57M1A	12/14/1999	IM40MB	SODIUM	23,700.00		UG/L	102.00	112.00	20,000.00	X
MW-57	W57M1A	03/07/2000	IM40MB	SODIUM	20,900.00		UG/L	102.00	112.00	20,000.00	X
MW-57	W57M1A	07/05/2000	IM40MB	SODIUM	22,200.00		UG/L	102.00	112.00	20,000.00	X
MW-57	W57M1A	08/29/2000	IM40MB	SODIUM	20,100.00		UG/L	102.00	112.00	20,000.00	X
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
SDW261160	WG160A	01/13/1999	IM40MB	SODIUM	27,200.00		UG/L	10.00	20.00	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	WG160L	01/13/1999	IM40MB	SODIUM	28,200.00		UG/L	10.00	20.00	20,000.00	X
MW-187	W187DDA	02/11/2002	VPHMA	TERT-BUTYL METHYL ETHER	30.00		UG/L	199.00	209.00	20.00	X
03MW0007A	03MW0007A	04/13/1999	OC21V	TETRACHLOROETHYLENE(PC	6.00		UG/L	21.00	26.00	5.00	X
03MW0014A	03MW0014A	04/13/1999	OC21V	TETRACHLOROETHYLENE(PC	8.00		UG/L	38.00	43.00	5.00	X
03MW0020	03MW0020	04/14/1999	OC21V	TETRACHLOROETHYLENE(PC	12.00		UG/L	36.00	41.00	5.00	X
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
PPAWSMW-1	PPAWSMW-1	06/22/1999	IM40MB	THALLIUM	3.10	J	UG/L	10.00	20.00	2.00	X
MW-1	W01SSA	09/07/1999	IM40MB	THALLIUM	2.90	J	UG/L	0.00	10.00	2.00	X
MW-2	W02DDD	08/02/2000	IM40MB	THALLIUM	4.90	J	UG/L	218.00	223.00	2.00	X
MW-3	W03DDA	12/20/2000	IM40MB	THALLIUM	3.30		UG/L	219.00	224.00	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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-7	W07M2A	02/24/1999	IM40MB	THALLIUM	4.40	J	UG/L	65.00	70.00	2.00	X
MW-7	W07M2L	02/05/1998	IM40MB	THALLIUM	6.60	J	UG/L	65.00	70.00	2.00	X
MW-7	W07MMA	02/23/1999	IM40MB	THALLIUM	4.10	J	UG/L	135.00	140.00	2.00	X
MW-127	W127SSA	11/15/2000	IM40MB	THALLIUM	2.40	J	UG/L	0.00	10.00	2.00	X
MW-132	W132SSA	02/16/2001	IM40MB	THALLIUM	2.10	J	UG/L	0.00	10.00	2.00	X
MW-145	W145SSA	10/18/2001	IM40MB	THALLIUM	4.80	J	UG/L	0.00	10.00	2.00	X
MW-150	W150SSA	03/07/2001	IM40MB	THALLIUM	2.20	J	UG/L	1.00	11.00	2.00	X
MW-18	W18SSA	03/12/1999	IM40MB	THALLIUM	2.30	J	UG/L	0.00	10.00	2.00	X
MW-19	W19DDL	02/11/1999	IM40MB	THALLIUM	3.10	J	UG/L	254.00	259.00	2.00	X
MW-19	W19SSA	09/10/1999	IM40MB	THALLIUM	3.80	J	UG/L	0.00	10.00	2.00	X
MW-19	W19SSA	08/24/2001	IM40MB	THALLIUM	4.20	J	UG/L	0.00	10.00	2.00	X
MW-21	W21M2A	11/01/1999	IM40MB	THALLIUM	4.00	J	UG/L	58.00	68.00	2.00	X
MW-21	W21SSA	10/24/1997	IM40	THALLIUM	6.90	J	UG/L	0.00	10.00	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-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	W38DDA	08/22/2001	IM40MB	THALLIUM	3.00	J	UG/L	124.00	134.00	2.00	X
MW-38	W38M2A	05/11/1999	IM40MB	THALLIUM	4.90	J	UG/L	69.00	79.00	2.00	X
MW-38	W38M4A	08/18/1999	IM40MB	THALLIUM	2.80	J	UG/L	14.00	24.00	2.00	X
MW-39	W39M1A	12/21/2000	IM40MB	THALLIUM	4.00		UG/L	84.00	94.00	2.00	X
MW-41	W41M2A	04/02/1999	IM40MB	THALLIUM	2.50	J	UG/L	67.00	77.00	2.00	X
MW-42	W42M2A	11/19/1999	IM40MB	THALLIUM	4.00	J	UG/L	118.00	128.00	2.00	X
MW-44	W44SSA	08/24/2001	IM40MB	THALLIUM	3.00	J	UG/L	0.00	10.00	2.00	X
MW-45	W45SSA	05/26/1999	IM40MB	THALLIUM	3.00	J	UG/L	0.00	10.00	2.00	X
MW-45	W45SSA	08/31/2000	IM40MB	THALLIUM	4.40	J	UG/L	0.00	10.00	2.00	X
MW-46	W46DDA	11/02/1999	IM40MB	THALLIUM	5.10	J	UG/L	136.00	146.00	2.00	X
MW-46	W46M1A	05/16/2000	IM40MB	THALLIUM	5.30	J	UG/L	103.00	113.00	2.00	X
MW-47	W47M1A	08/24/1999	IM40MB	THALLIUM	2.60	J	UG/L	75.00	85.00	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	W47M3A	08/25/1999	IM40MB	THALLIUM	3.20	J	UG/L	21.00	31.00	2.00	X

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TABLE 3
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1997 THROUGH JULY 2002

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MW-47	W47M3A	05/31/2000	IM40MB	THALLIUM	5.00	J	UG/L	21.00	31.00	2.00	X
MW-48	W48DAA	06/26/2000	IM40MB	THALLIUM	4.70	J	UG/L	121.00	131.00	2.00	X
MW-48	W48M3A	02/28/2000	IM40MB	THALLIUM	4.20	J	UG/L	31.00	41.00	2.00	X
MW-49	W49M3D	06/27/2000	IM40MB	THALLIUM	4.30	J	UG/L	31.00	41.00	2.00	X
MW-49	W49SSA	11/19/1999	IM40MB	THALLIUM	4.70	J	UG/L	0.00	10.00	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	W52DDA	04/02/1999	IM40MB	THALLIUM	2.80	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-52	W52DDL	04/02/1999	IM40MB	THALLIUM	2.60	J	UG/L	218.00	228.00	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	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-53	W53M1A	11/05/1999	IM40MB	THALLIUM	3.40	J	UG/L	99.00	109.00	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-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-55	W55M1A	08/31/1999	IM40MB	THALLIUM	2.50	J	UG/L	89.00	99.00	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-56	W56SSA	09/05/2000	IM40MB	THALLIUM	4.00	J	UG/L	1.00	11.00	2.00	X
MW-57	W57M2A	03/22/2000	IM40MB	THALLIUM	4.10	J	UG/L	62.00	72.00	2.00	X
MW-58	W58SSA	05/11/2000	IM40MB	THALLIUM	7.30	J	UG/L	0.00	10.00	2.00	X
MW-58	W58SSA	12/20/2000	IM40MB	THALLIUM	2.00	J	UG/L	0.00	10.00	2.00	X
MW-61	W61SSA	08/22/2001	IM40MB	THALLIUM	3.70	J	UG/L	0.00	10.00	2.00	X
MW-64	W64M1A	02/07/2000	IM40MB	THALLIUM	4.10	J	UG/L	38.00	48.00	2.00	X
MW-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

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

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-84	W84DDA	08/23/2001	IM40MB	THALLIUM	4.00	J	UG/L	153.00	163.00	2.00	X
MW-84	W84M3A	08/27/2001	IM40MB	THALLIUM	5.00	J	UG/L	42.00	52.00	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
MW-94	W94M2A	10/02/2001	IM40MB	THALLIUM	2.30	J	UG/L	16.00	26.00	2.00	X
90WT0010	WF10XA	01/16/1998	IM40MB	THALLIUM	6.50	J	UG/L	2.00	12.00	2.00	X
LRWS1-4	WL14XA	01/06/1999	IM40MB	THALLIUM	5.20	J	UG/L	107.00	117.00	2.00	X
SMR-2	WSMR2A	03/25/1999	IM40MB	THALLIUM	2.00	J	UG/L	19.00	29.00	2.00	X
MW-45	W45SSA	11/16/1999	OC21V	TOLUENE	1,000.00		UG/L	0.00	10.00	1,000.00	X
MW-45	W45SSA	05/29/2000	OC21V	TOLUENE	1,100.00		UG/L	0.00	10.00	1,000.00	X
MW-45	W45SSA	12/27/2000	OC21V	TOLUENE	1,300.00		UG/L	0.00	10.00	1,000.00	X
MW-45	W45SSA	12/14/2001	OC21V	TOLUENE	1,300.00		UG/L	0.00	10.00	1,000.00	X
27MW0017B	27MW0017B	04/30/1999	OC21V	VINYL CHLORIDE	2.00		UG/L	21.00	26.00	2.00	X
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	IM40	ZINC	7,210.00		UG/L	80.00	92.00	2,000.00	X
95-15	W9515L	10/17/1997	IM40	ZINC	4,620.00		UG/L	80.00	92.00	2,000.00	X
LRMW0003	WL31XA	10/21/1997	IM40	ZINC	2,480.00		UG/L	102.00	117.00	2,000.00	X
LRMW0003	WL31XL	10/21/1997	IM40	ZINC	2,410.00		UG/L	102.00	117.00	2,000.00	X
LRWS4-1	WL41XA	11/24/1997	IM40	ZINC	3,220.00		UG/L	66.00	91.00	2,000.00	X
LRWS4-1	WL41XL	11/24/1997	IM40	ZINC	3,060.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51DL	11/25/1997	IM40	ZINC	4,410.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XA	11/25/1997	IM40	ZINC	4,510.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XA	01/25/1999	IM40MB	ZINC	3,980.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XD	11/25/1997	IM40	ZINC	4,390.00		UG/L	66.00	91.00	2,000.00	X
LRWS5-1	WL51XL	11/25/1997	IM40	ZINC	3,900.00		UG/L	66.00	91.00	2,000.00	X
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	IM40	ZINC	3,480.00		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	11/17/1997	IM40	ZINC	2,600.00		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	IM40	ZINC	4,320.00		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	11/21/1997	IM40	ZINC	3,750.00		UG/L	186.00	201.00	2,000.00	X

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

LOCID/WELL ID	OGDEN_ID	SAMPLED	METHOD	OGDEN_ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
LRWS7-1	WL71XL	01/22/1999	IM40MB	ZINC	4,100.00		UG/L	186.00	201.00	2,000.00	X

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 6/15/02 - 07/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W02-01M1A	02-01	07/27/2002	GROUNDWATER	95.00	105.00	42.90	52.90	E314.0	PERCHLORATE	
W02-01M2D	02-01	07/27/2002	GROUNDWATER	83.00	93.00	30.90	40.90	E314.0	PERCHLORATE	
W02-02SSA	02-02	07/08/2002	GROUNDWATER	49.50	59.50	0.00	10.00	E314.0	PERCHLORATE	
W02-03M1A	02-03	07/27/2002	GROUNDWATER	130.00	140.00	86.10	96.10	E314.0	PERCHLORATE	
W02-03M2A	02-03	07/27/2002	GROUNDWATER	92.00	102.00	48.15	58.15	E314.0	PERCHLORATE	
W02-03M3A	02-03	07/27/2002	GROUNDWATER	75.00	85.00	31.05	41.05	E314.0	PERCHLORATE	
W02-04M1A	02-04	06/29/2002	GROUNDWATER	123.00	133.00	73.97	83.97	OC21V	ACETONE	
W02-04M1A	02-04	06/29/2002	GROUNDWATER	123.00	133.00	73.97	83.97	OC21V	TRICHLOROETHYLENE (TCE)	
W02-04M1A	02-04	07/27/2002	GROUNDWATER	123.00	133.00	73.97	83.97	E314.0	PERCHLORATE	
W02-04M2A	02-04	06/29/2002	GROUNDWATER	98.00	108.00	48.93	58.93	OC21V	TRICHLOROETHYLENE (TCE)	
W02-05M2A	02-05	07/24/2002	GROUNDWATER	92.00	102.00	63.41	73.41	E314.0	PERCHLORATE	
W02-05M3A	02-05	07/25/2002	GROUNDWATER	70.00	80.00	41.37	51.37	E314.0	PERCHLORATE	
W02-07M3D	02-07	07/30/2002	GROUNDWATER	47.00	57.00	13.00	23.00	E314.0	PERCHLORATE	
W02-09M1A	02-09	06/29/2002	GROUNDWATER	74.00	84.00	65.26	75.26	E314.0	PERCHLORATE	
W02-09M2A	02-09	06/29/2002	GROUNDWATER	59.00	69.00	50.30	60.30	E314.0	PERCHLORATE	
W02-09M2A	02-09	06/29/2002	GROUNDWATER	59.00	69.00	50.30	60.30	OC21V	ACETONE	
W02-09M2A	02-09	07/30/2002	GROUNDWATER	59.00	69.00	50.30	60.30	E314.0	PERCHLORATE	
W02-09SSA	02-09	06/29/2002	GROUNDWATER	7.00	17.00	0.00	10.00	OC21V	ACETONE	
W02-10M2A	02-10	07/29/2002	GROUNDWATER	110.00	120.00	68.61	78.61	OC21V	ACETONE	
W02-10M3A	02-10	06/28/2002	GROUNDWATER	85.00	95.00	43.65	53.65	E314.0	PERCHLORATE	
W02-12M3A	02-12	07/31/2002	GROUNDWATER	79.00	89.00	28.22	38.22	E314.0	PERCHLORATE	
W02-13M1A	02-13	07/11/2002	GROUNDWATER	98.00	108.00	58.33	68.33	E314.0	PERCHLORATE	
W02-13M1A	02-13	07/17/2002	GROUNDWATER	98.00	108.00	58.33	68.33	E314.0	PERCHLORATE	
W02-13M1A	02-13	07/24/2002	GROUNDWATER	98.00	108.00	58.33	68.33	E314.0	PERCHLORATE	
W02-13M2A	02-13	06/26/2002	GROUNDWATER	83.00	93.00	44.20	54.20	E314.0	PERCHLORATE	
W02-13M2A	02-13	07/11/2002	GROUNDWATER	83.00	93.00	44.20	54.20	E314.0	PERCHLORATE	
W02-13M2A	02-13	07/17/2002	GROUNDWATER	83.00	93.00	44.20	54.20	E314.0	PERCHLORATE	
TW1-88AA	1-88	07/11/2002	GROUNDWATER				67.40	E314.0	PERCHLORATE	
TW1-88AA	1-88	07/11/2002	GROUNDWATER				67.40	OC21V	TOLUENE	
4036000-04G	4036000-04G	06/26/2002	GROUNDWATER	0.00	0.00	6.00	12.00	E314.0	PERCHLORATE	
58MW0020B	58MW0020B	06/18/2002	GROUNDWATER				43.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
90SNP0002	90SNP002	07/15/2002	GROUNDWATER	0.00	0.00	1.00	1.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 6/15/02 - 07/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W114M1A	MW-114	06/21/2002	GROUNDWATER	177.00	187.00	96.00	106.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W129M1A	MW-129	06/27/2002	GROUNDWATER	136.00	146.00	66.00	76.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W129M1A	MW-129	07/10/2002	GROUNDWATER	136.00	146.00	66.00	76.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W129M2A	MW-129	06/27/2002	GROUNDWATER	116.00	126.00	46.00	56.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W129M2A	MW-129	06/27/2002	GROUNDWATER	116.00	126.00	46.00	56.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W129M2A	MW-129	07/10/2002	GROUNDWATER	116.00	126.00	46.00	56.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W129M2A	MW-129	07/10/2002	GROUNDWATER	116.00	126.00	46.00	56.00	8330NX	HEXAHYDRO-1-MONONITROSO-	YES
W129M2A	MW-129	07/10/2002	GROUNDWATER	116.00	126.00	46.00	56.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W129M2D	MW-129	06/27/2002	GROUNDWATER	116.00	126.00	46.00	56.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W129M2D	MW-129	06/27/2002	GROUNDWATER	116.00	126.00	46.00	56.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W132SSA	MW-132	06/28/2002	GROUNDWATER	37.00	47.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W132SSA	MW-132	06/28/2002	GROUNDWATER	37.00	47.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W161SSA	MW-161	07/02/2002	GROUNDWATER	145.50	155.50	6.00	16.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W163SSA	MW-163	07/02/2002	GROUNDWATER	38.00	48.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W163SSA	MW-163	07/02/2002	GROUNDWATER	38.00	48.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W166M1A	MW-166	06/18/2002	GROUNDWATER	218.00	223.00	112.00	117.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W166M2A	MW-166	06/18/2002	GROUNDWATER	150.00	160.00	44.00	54.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W166M2A	MW-166	06/18/2002	GROUNDWATER	150.00	160.00	44.00	54.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W166M3A	MW-166	06/18/2002	GROUNDWATER	125.00	135.00	19.00	29.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W176M1A	MW-176	07/18/2002	GROUNDWATER	270.00	280.00	158.55	168.55	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W176M1D	MW-176	07/18/2002	GROUNDWATER	270.00	280.00	158.55	168.55	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W178M1A	MW-178	07/26/2002	GROUNDWATER	257.00	267.00	117.00	127.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W181SSA	MW-181	07/26/2002	GROUNDWATER	32.00	42.00	0.00	10.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W187DDA	MW-187	07/11/2002	GROUNDWATER	306.00	316.00	199.50	209.50	8330N	2-NITROTOLUENE	NO
W187DDA	MW-187	07/11/2002	GROUNDWATER	306.00	316.00	199.50	209.50	8330N	PICRIC ACID	NO
W187M1A	MW-187	07/15/2002	GROUNDWATER	160.00	170.00	51.30	61.30	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W187M1A	MW-187	07/15/2002	GROUNDWATER	160.00	170.00	51.30	61.30	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W191M1A	MW-191	07/25/2002	GROUNDWATER	137.00	142.00	25.20	30.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W191M1A	MW-191	07/25/2002	GROUNDWATER	137.00	142.00	25.20	30.20	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W193M1A	MW-193	07/11/2002	GROUNDWATER	57.00	62.00	23.80	28.80	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W193SSA	MW-193	07/11/2002	GROUNDWATER	31.00	36.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W196SSA	MW-196	07/12/2002	GROUNDWATER	32.00	37.00	0.00	5.00	8330N	1,3,5-TRINITROBENZENE	YES

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(UNVALIDATED)
SAMPLES COLLECTED 6/15/02 - 07/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W196SSA	MW-196	07/12/2002	GROUNDWATER	32.00	37.00	0.00	5.00	8330N	2,4,6-TRINITROTOLUENE	YES
W196SSA	MW-196	07/12/2002	GROUNDWATER	32.00	37.00	0.00	5.00	8330N	2-AMINO-4,6-DINITROTOLUENE	YES
W196SSA	MW-196	07/12/2002	GROUNDWATER	32.00	37.00	0.00	5.00	8330N	4-AMINO-2,6-DINITROTOLUENE	YES
W196SSA	MW-196	07/12/2002	GROUNDWATER	32.00	37.00	0.00	5.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
W196SSA	MW-196	07/12/2002	GROUNDWATER	32.00	37.00	0.00	5.00	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W196SSA	MW-196	07/12/2002	GROUNDWATER	32.00	37.00	0.00	5.00	8330N	PICRIC ACID	YES
W197M1A	MW-197	07/16/2002	GROUNDWATER	120.00	125.00	99.60	104.60	8330N	NITROGLYCERIN	NO
W197M2A	MW-197	07/17/2002	GROUNDWATER	80.00	85.00	59.30	64.30	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W197M3A	MW-197	07/18/2002	GROUNDWATER	60.00	65.00	39.40	44.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W197M3A	MW-197	07/18/2002	GROUNDWATER	60.00	65.00	39.40	44.40	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W198M3A	MW-198	07/22/2002	GROUNDWATER	100.00	105.00	78.50	83.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W198M3A	MW-198	07/22/2002	GROUNDWATER	100.00	105.00	78.50	83.50	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W198M4A	MW-198	07/19/2002	GROUNDWATER	70.00	75.00	48.40	53.40	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W198M4A	MW-198	07/19/2002	GROUNDWATER	70.00	75.00	48.40	53.40	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W201M1A	MW-201	07/18/2002	GROUNDWATER	306.00	316.00	106.90	116.90	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W201M2A	MW-201	07/18/2002	GROUNDWATER	286.00	296.00	86.90	96.90	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W204M1A	MW-204	07/29/2002	GROUNDWATER	141.00	151.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W204M1D	MW-204	07/29/2002	GROUNDWATER	141.00	151.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W204M2A	MW-204	07/29/2002	GROUNDWATER	76.00	86.00	17.20	27.20	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W205M1A	MW-205	07/29/2002	GROUNDWATER	167.00	177.00	67.60	77.60	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W206M1A	MW-206	07/18/2002	GROUNDWATER	178.50	188.50	19.57	29.57	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W206M1A	MW-206	07/18/2002	GROUNDWATER	178.50	188.50	19.57	29.57	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
W207M1A	MW-207	07/26/2002	GROUNDWATER	254.00	264.00	100.52	119.52	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W207M1D	MW-207	07/26/2002	GROUNDWATER	254.00	264.00	100.52	119.52	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W207M2A	MW-207	07/26/2002	GROUNDWATER	224.00	234.00	79.33	89.33	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W209M1A	MW-209	07/26/2002	GROUNDWATER	240.00	250.00	121.00	131.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W213M2A	MW-213	07/15/2002	GROUNDWATER	89.00	99.00	41.15	51.15	E314.0	PERCHLORATE	
W213M3A	MW-213	07/15/2002	GROUNDWATER	77.00	82.00	29.38	34.38	E314.0	PERCHLORATE	
W216M2A	MW-216	07/31/2002	GROUNDWATER	236.00	246.00	34.17	44.17	OC21V	CARBON DISULFIDE	
W216M2A	MW-216	07/31/2002	GROUNDWATER	236.00	246.00	34.17	44.17	OC21V	TOLUENE	
W75M2A	MW-75	06/28/2002	GROUNDWATER	115.00	125.00	34.00	44.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
W80M1A	MW-80	07/15/2002	GROUNDWATER	130.00	140.00	86.00	96.00	E314.0	PERCHLORATE	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W80M2A	MW-80	07/15/2002	GROUNDWATER	100.00	110.00	56.00	66.00	E314.0	PERCHLORATE	
WS4-AAA	WS-4	07/24/2002	GROUNDWATER		210.00		139.85	OC21V	ACETONE	
97-5	97-5	07/08/2002	GROUNDWATER	88.00	94.00	76.00	86.00	OC21V	CHLOROFORM	
TW1-88AA	1-88	07/03/2002	GROUNDWATER				67.40	OC21V	CHLOROFORM	
TW1-88AA	1-88	07/11/2002	GROUNDWATER				67.40	OC21V	CHLOROFORM	
W02-02M1A	02-02	07/05/2002	GROUNDWATER	114.50	124.50	63.50	73.50	OC21V	CHLOROFORM	
W02-02M2A	02-02	07/05/2002	GROUNDWATER	94.50	104.50	42.65	52.65	OC21V	CHLOROFORM	
W02-02SSA	02-02	07/08/2002	GROUNDWATER	49.50	59.50	0.00	10.00	OC21V	CHLOROFORM	
W02-04M1A	02-04	06/29/2002	GROUNDWATER	123.00	133.00	73.97	83.97	OC21V	CHLOROFORM	
W02-04M2A	02-04	06/29/2002	GROUNDWATER	98.00	108.00	48.93	58.93	OC21V	CHLOROFORM	
W02-04M3A	02-04	06/29/2002	GROUNDWATER	83.00	93.00	34.01	44.01	OC21V	CHLOROFORM	
W02-07M1A	02-07	07/30/2002	GROUNDWATER	135.00	145.00	101.14	111.14	OC21V	CHLOROFORM	
W02-07M2A	02-07	07/29/2002	GROUNDWATER	107.00	117.00	72.86	82.86	OC21V	CHLOROFORM	
W02-07M3A	02-07	07/30/2002	GROUNDWATER	47.00	57.00	13.00	23.00	OC21V	CHLOROFORM	
W02-07M3D	02-07	07/30/2002	GROUNDWATER	47.00	57.00	13.00	23.00	OC21V	CHLOROFORM	
W02-08M1A	02-08	07/27/2002	GROUNDWATER	108.00	113.00	86.56	91.56	OC21V	CHLOROFORM	
W02-08M2A	02-08	07/27/2002	GROUNDWATER	82.00	87.00	60.65	65.65	OC21V	CHLOROFORM	
W02-08M3A	02-08	07/27/2002	GROUNDWATER	62.00	67.00	40.58	45.58	OC21V	CHLOROFORM	
W02-09M1A	02-09	06/29/2002	GROUNDWATER	74.00	84.00	65.26	75.26	OC21V	CHLOROFORM	
W02-09M1A	02-09	07/30/2002	GROUNDWATER	74.00	84.00	65.26	75.26	OC21V	CHLOROFORM	
W02-09M2A	02-09	06/29/2002	GROUNDWATER	59.00	69.00	50.30	60.30	OC21V	CHLOROFORM	
W02-09M2A	02-09	07/30/2002	GROUNDWATER	59.00	69.00	50.30	60.30	OC21V	CHLOROFORM	
W02-09SSA	02-09	06/29/2002	GROUNDWATER	7.00	17.00	0.00	10.00	OC21V	CHLOROFORM	
W02-09SSA	02-09	07/29/2002	GROUNDWATER	7.00	17.00	0.00	10.00	OC21V	CHLOROFORM	
W02-10M1A	02-10	06/28/2002	GROUNDWATER	135.00	145.00	94.00	104.00	OC21V	CHLOROFORM	
W02-10M1A	02-10	07/30/2002	GROUNDWATER	135.00	145.00	94.00	104.00	OC21V	CHLOROFORM	
W02-10M1D	02-10	06/28/2002	GROUNDWATER	135.00	145.00	94.00	104.00	OC21V	CHLOROFORM	
W02-10M2A	02-10	06/28/2002	GROUNDWATER	110.00	120.00	68.61	78.61	OC21V	CHLOROFORM	
W02-10M2A	02-10	07/29/2002	GROUNDWATER	110.00	120.00	68.61	78.61	OC21V	CHLOROFORM	
W02-10M3A	02-10	06/28/2002	GROUNDWATER	85.00	95.00	43.65	53.65	OC21V	CHLOROFORM	
W02-10M3A	02-10	07/29/2002	GROUNDWATER	85.00	95.00	43.65	53.65	OC21V	CHLOROFORM	
W02-12M1A	02-12	07/03/2002	GROUNDWATER	109.00	119.00	58.35	68.35	OC21V	CHLOROFORM	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
W02-12M1A	02-12	07/10/2002	GROUNDWATER	109.00	119.00	58.35	68.35	OC21V	CHLOROFORM	
W02-12M1D	02-12	07/03/2002	GROUNDWATER	109.00	119.00	58.35	68.35	OC21V	CHLOROFORM	
W02-12M2A	02-12	07/03/2002	GROUNDWATER	94.00	104.00	43.21	53.21	OC21V	CHLOROFORM	
W02-12M2A	02-12	07/10/2002	GROUNDWATER	94.00	104.00	43.21	53.21	OC21V	CHLOROFORM	
W02-12M3A	02-12	06/27/2002	GROUNDWATER	79.00	89.00	28.22	38.22	OC21V	CHLOROFORM	
W02-12M3A	02-12	07/03/2002	GROUNDWATER	79.00	89.00	28.22	38.22	OC21V	CHLOROFORM	
W02-12M3A	02-12	07/10/2002	GROUNDWATER	79.00	89.00	28.22	38.22	OC21V	CHLOROFORM	
W02-12M3D	02-12	07/10/2002	GROUNDWATER	79.00	89.00	28.22	38.22	OC21V	CHLOROFORM	
W02-13M1A	02-13	07/03/2002	GROUNDWATER	98.00	108.00	58.33	68.33	OC21V	CHLOROFORM	
W02-13M1A	02-13	07/11/2002	GROUNDWATER	98.00	108.00	58.33	68.33	OC21V	CHLOROFORM	
W02-13M2A	02-13	07/03/2002	GROUNDWATER	94.00	104.00	44.20	54.20	OC21V	CHLOROFORM	
W02-13M2A	02-13	07/11/2002	GROUNDWATER	83.00	93.00	44.20	54.20	OC21V	CHLOROFORM	
W02-13M3A	02-13	07/05/2002	GROUNDWATER	68.00	78.00	28.30	38.30	OC21V	CHLOROFORM	
W02-13M3A	02-13	07/12/2002	GROUNDWATER	68.00	78.00	28.30	38.30	OC21V	CHLOROFORM	
WS4-AAA	WS-4	07/24/2002	GROUNDWATER		210.00		139.85	OC21V	CHLOROFORM	
WS4-ASA	WS-4A	06/25/2002	GROUNDWATER	155.00	165.00	85.35	95.35	OC21V	CHLOROFORM	
G226DCA	MW-226	06/24/2002	PROFILE	140.00	140.00	26.40	26.40	E314.0	PERCHLORATE	
G226DEA	MW-226	06/24/2002	PROFILE	160.00	160.00	46.40	46.40	E314.0	PERCHLORATE	
G226DFA	MW-226	06/24/2002	PROFILE	170.00	170.00	56.40	56.40	E314.0	PERCHLORATE	
G226DGA	MW-226	06/24/2002	PROFILE	180.00	180.00	66.40	66.40	E314.0	PERCHLORATE	
G226DHA	MW-226	06/24/2002	PROFILE	190.00	190.00	76.40	76.40	E314.0	PERCHLORATE	
G226DPA	MW-226	06/25/2002	PROFILE	270.00	270.00	156.40	156.40	E314.0	PERCHLORATE	
G226DQA	MW-226	06/26/2002	PROFILE	280.00	280.00	166.40	166.40	8330N	NITROGLYCERIN	NO
G226DQA	MW-226	06/26/2002	PROFILE	280.00	280.00	166.40	166.40	E314.0	PERCHLORATE	
G226DRA	MW-226	06/26/2002	PROFILE	290.00	290.00	176.40	176.40	8330N	NITROGLYCERIN	NO
G226DRA	MW-226	06/26/2002	PROFILE	290.00	290.00	176.40	176.40	E314.0	PERCHLORATE	
G228DAA	MW-228	06/28/2002	PROFILE	120.00	120.00	14.50	14.50	8330N	2-NITROTOLUENE	NO*
G228DAA	MW-228	06/28/2002	PROFILE	120.00	120.00	14.50	14.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G228DAA	MW-228	06/28/2002	PROFILE	120.00	120.00	14.50	14.50	8330N	4-NITROTOLUENE	NO
G228DAA	MW-228	06/28/2002	PROFILE	120.00	120.00	14.50	14.50	8330N	NITROGLYCERIN	NO
G228DAA	MW-228	06/28/2002	PROFILE	120.00	120.00	14.50	14.50	8330N	PICRIC ACID	NO
G228DBA	MW-228	06/28/2002	PROFILE	130.00	130.00	24.50	24.50	8330N	1,3-DINITROBENZENE	NO

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G228DBA	MW-228	06/28/2002	PROFILE	130.00	130.00	24.50	24.50	8330N	2-NITROTOLUENE	NO*
G228DBA	MW-228	06/28/2002	PROFILE	130.00	130.00	24.50	24.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G228DBA	MW-228	06/28/2002	PROFILE	130.00	130.00	24.50	24.50	8330N	4-NITROTOLUENE	NO
G228DBA	MW-228	06/28/2002	PROFILE	130.00	130.00	24.50	24.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G228DBA	MW-228	06/28/2002	PROFILE	130.00	130.00	24.50	24.50	8330N	NITROGLYCERIN	NO
G228DBA	MW-228	06/28/2002	PROFILE	130.00	130.00	24.50	24.50	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G228DBA	MW-228	06/28/2002	PROFILE	130.00	130.00	24.50	24.50	8330N	PICRIC ACID	NO
G228DCA	MW-228	07/08/2002	PROFILE	140.00	140.00	34.50	34.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
G228DCA	MW-228	07/08/2002	PROFILE	140.00	140.00	34.50	34.50	8330N	NITROGLYCERIN	NO
G228DCA	MW-228	07/08/2002	PROFILE	140.00	140.00	34.50	34.50	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G228DCA	MW-228	07/08/2002	PROFILE	140.00	140.00	34.50	34.50	OC21V	ACETONE	
G228DCA	MW-228	07/08/2002	PROFILE	140.00	140.00	34.50	34.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G228DDA	MW-228	07/08/2002	PROFILE	150.00	150.00	44.50	44.50	8330N	NITROGLYCERIN	NO
G228DDA	MW-228	07/08/2002	PROFILE	150.00	150.00	44.50	44.50	8330N	PICRIC ACID	NO
G228DDA	MW-228	07/08/2002	PROFILE	150.00	150.00	44.50	44.50	OC21V	ACETONE	
G228DDA	MW-228	07/08/2002	PROFILE	150.00	150.00	44.50	44.50	OC21V	CHLOROFORM	
G228DDA	MW-228	07/08/2002	PROFILE	150.00	150.00	44.50	44.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G228DEA	MW-228	07/08/2002	PROFILE	160.00	160.00	54.50	54.50	8330N	NITROGLYCERIN	NO
G228DEA	MW-228	07/08/2002	PROFILE	160.00	160.00	54.50	54.50	OC21V	ACETONE	
G228DEA	MW-228	07/08/2002	PROFILE	160.00	160.00	54.50	54.50	OC21V	CHLOROFORM	
G228DEA	MW-228	07/08/2002	PROFILE	160.00	160.00	54.50	54.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G228DFA	MW-228	07/08/2002	PROFILE	170.00	170.00	64.50	64.50	8330N	NITROGLYCERIN	NO
G228DFA	MW-228	07/08/2002	PROFILE	170.00	170.00	64.50	64.50	OC21V	ACETONE	
G228DFA	MW-228	07/08/2002	PROFILE	170.00	170.00	64.50	64.50	OC21V	CHLOROFORM	
G228DFA	MW-228	07/08/2002	PROFILE	170.00	170.00	64.50	64.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G228DGA	MW-228	07/08/2002	PROFILE	180.00	180.00	74.50	74.50	8330N	NITROGLYCERIN	NO
G228DGA	MW-228	07/08/2002	PROFILE	180.00	180.00	74.50	74.50	8330N	PICRIC ACID	NO
G228DGA	MW-228	07/08/2002	PROFILE	180.00	180.00	74.50	74.50	OC21V	ACETONE	
G228DGA	MW-228	07/08/2002	PROFILE	180.00	180.00	74.50	74.50	OC21V	CHLOROFORM	
G228DGA	MW-228	07/08/2002	PROFILE	180.00	180.00	74.50	74.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G228DGA	MW-228	07/08/2002	PROFILE	180.00	180.00	74.50	74.50	OC21V	METHYL ISOBUTYL KETONE (4-M	
G228DHA	MW-228	07/08/2002	PROFILE	190.00	190.00	84.50	84.50	8330N	2,6-DINITROTOLUENE	YES

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G228DHA	MW-228	07/08/2002	PROFILE	190.00	190.00	84.50	84.50	8330N	4-NITROTOLUENE	NO
G228DHA	MW-228	07/08/2002	PROFILE	190.00	190.00	84.50	84.50	8330N	NITROGLYCERIN	NO
G228DHA	MW-228	07/08/2002	PROFILE	190.00	190.00	84.50	84.50	8330N	PICRIC ACID	NO
G228DHA	MW-228	07/08/2002	PROFILE	190.00	190.00	84.50	84.50	OC21V	2-HEXANONE	
G228DHA	MW-228	07/08/2002	PROFILE	190.00	190.00	84.50	84.50	OC21V	ACETONE	
G228DHA	MW-228	07/08/2002	PROFILE	190.00	190.00	84.50	84.50	OC21V	CHLOROFORM	
G228DHA	MW-228	07/08/2002	PROFILE	190.00	190.00	84.50	84.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G228DHA	MW-228	07/08/2002	PROFILE	190.00	190.00	84.50	84.50	OC21V	METHYL ISOBUTYL KETONE (4-M	
G228DHA	MW-228	07/08/2002	PROFILE	190.00	190.00	84.50	84.50	OC21V	METHYLENE CHLORIDE	
G228DIA	MW-228	07/08/2002	PROFILE	200.00	200.00	94.50	94.50	8330N	NITROGLYCERIN	NO
G228DIA	MW-228	07/08/2002	PROFILE	200.00	200.00	94.50	94.50	OC21V	ACETONE	
G228DIA	MW-228	07/08/2002	PROFILE	200.00	200.00	94.50	94.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G228DJA	MW-228	07/09/2002	PROFILE	210.00	210.00	104.50	104.50	8330N	2,6-DIAMINO-4-NITROTOLUENE	YES*
G228DJA	MW-228	07/09/2002	PROFILE	210.00	210.00	104.50	104.50	8330N	NITROGLYCERIN	NO
G228DJA	MW-228	07/09/2002	PROFILE	210.00	210.00	104.50	104.50	OC21V	2-HEXANONE	
G228DJA	MW-228	07/09/2002	PROFILE	210.00	210.00	104.50	104.50	OC21V	ACETONE	
G228DJA	MW-228	07/09/2002	PROFILE	210.00	210.00	104.50	104.50	OC21V	BENZENE	
G228DJA	MW-228	07/09/2002	PROFILE	210.00	210.00	104.50	104.50	OC21V	CHLOROETHANE	
G228DJA	MW-228	07/09/2002	PROFILE	210.00	210.00	104.50	104.50	OC21V	CHLOROFORM	
G228DJA	MW-228	07/09/2002	PROFILE	210.00	210.00	104.50	104.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G228DLA	MW-228	07/09/2002	PROFILE	230.00	230.00	124.50	124.50	8330N	NITROGLYCERIN	NO
G228DLA	MW-228	07/09/2002	PROFILE	230.00	230.00	124.50	124.50	8330N	PICRIC ACID	NO
G228DLA	MW-228	07/09/2002	PROFILE	230.00	230.00	124.50	124.50	OC21V	ACETONE	
G228DLA	MW-228	07/09/2002	PROFILE	230.00	230.00	124.50	124.50	OC21V	CHLOROFORM	
G228DLA	MW-228	07/09/2002	PROFILE	230.00	230.00	124.50	124.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G228DMA	MW-228	07/09/2002	PROFILE	240.00	240.00	134.50	134.50	8330N	1,3,5-TRINITROBENZENE	NO
G228DMA	MW-228	07/09/2002	PROFILE	240.00	240.00	134.50	134.50	8330N	1,3-DINITROBENZENE	NO
G228DMA	MW-228	07/09/2002	PROFILE	240.00	240.00	134.50	134.50	8330N	2,4-DINITROTOLUENE	NO
G228DMA	MW-228	07/09/2002	PROFILE	240.00	240.00	134.50	134.50	8330N	2,6-DINITROTOLUENE	YES
G228DMA	MW-228	07/09/2002	PROFILE	240.00	240.00	134.50	134.50	8330N	2-NITROTOLUENE	YES*
G228DMA	MW-228	07/09/2002	PROFILE	240.00	240.00	134.50	134.50	8330N	4-NITROTOLUENE	NO
G228DMA	MW-228	07/09/2002	PROFILE	240.00	240.00	134.50	134.50	8330N	NITROGLYCERIN	NO

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
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SAMPLES COLLECTED 6/15/02 - 07/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G228DMA	MW-228	07/09/2002	PROFILE	240.00	240.00	134.50	134.50	8330N	PICRIC ACID	NO
G228DMA	MW-228	07/09/2002	PROFILE	240.00	240.00	134.50	134.50	OC21V	2-HEXANONE	
G228DMA	MW-228	07/09/2002	PROFILE	240.00	240.00	134.50	134.50	OC21V	ACETONE	
G228DMA	MW-228	07/09/2002	PROFILE	240.00	240.00	134.50	134.50	OC21V	BENZENE	
G228DMA	MW-228	07/09/2002	PROFILE	240.00	240.00	134.50	134.50	OC21V	CHLOROBENZENE	
G228DMA	MW-228	07/09/2002	PROFILE	240.00	240.00	134.50	134.50	OC21V	CHLOROETHANE	
G228DMA	MW-228	07/09/2002	PROFILE	240.00	240.00	134.50	134.50	OC21V	CHLOROFORM	
G228DMA	MW-228	07/09/2002	PROFILE	240.00	240.00	134.50	134.50	OC21V	CHLOROMETHANE	
G228DMA	MW-228	07/09/2002	PROFILE	240.00	240.00	134.50	134.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G228DMA	MW-228	07/09/2002	PROFILE	240.00	240.00	134.50	134.50	OC21V	METHYL ISOBUTYL KETONE (4-M	
G228DNA	MW-228	07/10/2002	PROFILE	250.00	250.00	144.50	144.50	8330N	1,3-DINITROBENZENE	NO
G228DNA	MW-228	07/10/2002	PROFILE	250.00	250.00	144.50	144.50	8330N	2-NITROTOLUENE	YES*
G228DNA	MW-228	07/10/2002	PROFILE	250.00	250.00	144.50	144.50	8330N	4-NITROTOLUENE	NO
G228DNA	MW-228	07/10/2002	PROFILE	250.00	250.00	144.50	144.50	8330N	NITROGLYCERIN	YES*
G228DNA	MW-228	07/10/2002	PROFILE	250.00	250.00	144.50	144.50	8330N	PICRIC ACID	NO
G228DNA	MW-228	07/10/2002	PROFILE	250.00	250.00	144.50	144.50	OC21V	ACETONE	
G228DNA	MW-228	07/10/2002	PROFILE	250.00	250.00	144.50	144.50	OC21V	CHLOROMETHANE	
G228DNA	MW-228	07/10/2002	PROFILE	250.00	250.00	144.50	144.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G228DOA	MW-228	07/10/2002	PROFILE	260.00	260.00	154.50	154.50	8330N	NITROGLYCERIN	NO
G228DOA	MW-228	07/10/2002	PROFILE	260.00	260.00	154.50	154.50	8330N	PICRIC ACID	NO
G228DOA	MW-228	07/10/2002	PROFILE	260.00	260.00	154.50	154.50	OC21V	ACETONE	
G228DOA	MW-228	07/10/2002	PROFILE	260.00	260.00	154.50	154.50	OC21V	CHLOROFORM	
G228DOA	MW-228	07/10/2002	PROFILE	260.00	260.00	154.50	154.50	OC21V	CHLOROMETHANE	
G228DOA	MW-228	07/10/2002	PROFILE	260.00	260.00	154.50	154.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G228DPA	MW-228	07/10/2002	PROFILE	270.00	270.00	164.50	164.50	8330N	1,3-DINITROBENZENE	NO
G228DPA	MW-228	07/10/2002	PROFILE	270.00	270.00	164.50	164.50	8330N	2-NITROTOLUENE	YES*
G228DPA	MW-228	07/10/2002	PROFILE	270.00	270.00	164.50	164.50	8330N	4-NITROTOLUENE	NO
G228DPA	MW-228	07/10/2002	PROFILE	270.00	270.00	164.50	164.50	8330N	NITROGLYCERIN	NO
G228DPA	MW-228	07/10/2002	PROFILE	270.00	270.00	164.50	164.50	8330N	PICRIC ACID	NO
G228DPA	MW-228	07/10/2002	PROFILE	270.00	270.00	164.50	164.50	OC21V	ACETONE	
G228DPA	MW-228	07/10/2002	PROFILE	270.00	270.00	164.50	164.50	OC21V	CHLOROFORM	
G228DPA	MW-228	07/10/2002	PROFILE	270.00	270.00	164.50	164.50	OC21V	METHYL ETHYL KETONE (2-BUT/	

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DETECTED COMPOUNDS IN RUSH DATA
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SAMPLES COLLECTED 6/15/02 - 07/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G228DQA	MW-228	07/10/2002	PROFILE	280.00	280.00	174.50	174.50	OC21V	ACETONE	
G228DQA	MW-228	07/10/2002	PROFILE	280.00	280.00	174.50	174.50	OC21V	CHLOROFORM	
G228DQA	MW-228	07/10/2002	PROFILE	280.00	280.00	174.50	174.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G228DRA	MW-228	07/10/2002	PROFILE	290.00	290.00	184.50	184.50	OC21V	ACETONE	
G228DRA	MW-228	07/10/2002	PROFILE	290.00	290.00	184.50	184.50	OC21V	CHLOROFORM	
G228DRA	MW-228	07/10/2002	PROFILE	290.00	290.00	184.50	184.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G228DSA	MW-228	07/10/2002	PROFILE	300.00	300.00	194.50	194.50	OC21V	ACETONE	
G228DSA	MW-228	07/10/2002	PROFILE	300.00	300.00	194.50	194.50	OC21V	CHLOROFORM	
G228DTA	MW-228	07/10/2002	PROFILE	310.00	310.00	204.50	204.50	OC21V	ACETONE	
G228DTA	MW-228	07/10/2002	PROFILE	310.00	310.00	204.50	204.50	OC21V	CHLOROFORM	
G228DUA	MW-228	07/10/2002	PROFILE	320.00	320.00	214.50	214.50	OC21V	ACETONE	
G228DUA	MW-228	07/10/2002	PROFILE	320.00	320.00	214.50	214.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DAA	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	1,3,5-TRINITROBENZENE	NO
G229DAA	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	1,3-DINITROBENZENE	NO
G229DAA	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	2,4,6-TRINITROTOLUENE	NO
G229DAA	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	2,6-DINITROTOLUENE	YES
G229DAA	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G229DAA	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	2-NITROTOLUENE	YES
G229DAA	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	3-NITROTOLUENE	YES
G229DAA	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G229DAA	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G229DAA	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	NITROGLYCERIN	YES
G229DAA	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	PICRIC ACID	YES
G229DAA	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	OC21V	2-HEXANONE	
G229DAA	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	OC21V	ACETONE	
G229DAA	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	OC21V	CHLOROFORM	
G229DAA	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	OC21V	CHLOROMETHANE	
G229DAA	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DAD	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	1,3,5-TRINITROBENZENE	NO
G229DAD	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	1,3-DINITROBENZENE	NO
G229DAD	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	2,4,6-TRINITROTOLUENE	NO
G229DAD	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	2,6-DINITROTOLUENE	NO

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SAMPLES COLLECTED 6/15/02 - 07/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G229DAD	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G229DAD	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	2-NITROTOLUENE	NO
G229DAD	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	3-NITROTOLUENE	YES*
G229DAD	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G229DAD	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	NITROGLYCERIN	NO
G229DAD	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	8330N	PICRIC ACID	NO
G229DAD	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	OC21V	2-HEXANONE	
G229DAD	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	OC21V	ACETONE	
G229DAD	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	OC21V	CHLOROFORM	
G229DAD	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	OC21V	CHLOROMETHANE	
G229DAD	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DAD	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	OC21V	METHYL ISOBUTYL KETONE (4-M	
G229DBA	MW-229	07/09/2002	PROFILE	130.00	130.00	17.50	17.50	8330N	NITROGLYCERIN	NO
G229DBA	MW-229	07/09/2002	PROFILE	130.00	130.00	17.50	17.50	OC21V	ACETONE	
G229DBA	MW-229	07/09/2002	PROFILE	130.00	130.00	17.50	17.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DCA	MW-229	07/09/2002	PROFILE	140.00	140.00	27.50	27.50	8330N	3-NITROTOLUENE	NO
G229DCA	MW-229	07/09/2002	PROFILE	140.00	140.00	27.50	27.50	8330N	NITROGLYCERIN	NO
G229DCA	MW-229	07/09/2002	PROFILE	140.00	140.00	27.50	27.50	8330N	PICRIC ACID	NO
G229DCA	MW-229	07/09/2002	PROFILE	140.00	140.00	27.50	27.50	E314.0	PERCHLORATE	
G229DCA	MW-229	07/09/2002	PROFILE	140.00	140.00	27.50	27.50	OC21V	ACETONE	
G229DCA	MW-229	07/09/2002	PROFILE	140.00	140.00	27.50	27.50	OC21V	CHLOROMETHANE	
G229DCA	MW-229	07/09/2002	PROFILE	140.00	140.00	27.50	27.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DDA	MW-229	07/09/2002	PROFILE	150.00	150.00	37.50	37.50	8330N	3-NITROTOLUENE	NO
G229DDA	MW-229	07/09/2002	PROFILE	150.00	150.00	37.50	37.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G229DDA	MW-229	07/09/2002	PROFILE	150.00	150.00	37.50	37.50	8330N	NITROGLYCERIN	NO
G229DDA	MW-229	07/09/2002	PROFILE	150.00	150.00	37.50	37.50	8330N	PENTAERYTHRITOL TETRANITR	NO
G229DDA	MW-229	07/09/2002	PROFILE	150.00	150.00	37.50	37.50	8330N	PICRIC ACID	NO
G229DDA	MW-229	07/09/2002	PROFILE	150.00	150.00	37.50	37.50	E314.0	PERCHLORATE	
G229DDA	MW-229	07/09/2002	PROFILE	150.00	150.00	37.50	37.50	OC21V	2-HEXANONE	
G229DDA	MW-229	07/09/2002	PROFILE	150.00	150.00	37.50	37.50	OC21V	ACETONE	
G229DDA	MW-229	07/09/2002	PROFILE	150.00	150.00	37.50	37.50	OC21V	CHLOROETHANE	
G229DDA	MW-229	07/09/2002	PROFILE	150.00	150.00	37.50	37.50	OC21V	CHLOROMETHANE	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G229DDA	MW-229	07/09/2002	PROFILE	150.00	150.00	37.50	37.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DDA	MW-229	07/09/2002	PROFILE	150.00	150.00	37.50	37.50	OC21V	METHYL ISOBUTYL KETONE (4-M	
G229DEA	MW-229	07/10/2002	PROFILE	160.00	160.00	47.50	47.50	8330N	NITROGLYCERIN	NO
G229DEA	MW-229	07/10/2002	PROFILE	160.00	160.00	47.50	47.50	OC21V	ACETONE	
G229DEA	MW-229	07/10/2002	PROFILE	160.00	160.00	47.50	47.50	OC21V	CHLOROFORM	
G229DEA	MW-229	07/10/2002	PROFILE	160.00	160.00	47.50	47.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DFA	MW-229	07/10/2002	PROFILE	170.00	170.00	57.50	57.50	8330N	NITROGLYCERIN	NO
G229DFA	MW-229	07/10/2002	PROFILE	170.00	170.00	57.50	57.50	OC21V	ACETONE	
G229DFA	MW-229	07/10/2002	PROFILE	170.00	170.00	57.50	57.50	OC21V	CHLOROFORM	
G229DFA	MW-229	07/10/2002	PROFILE	170.00	170.00	57.50	57.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DGA	MW-229	07/10/2002	PROFILE	180.00	180.00	67.50	67.50	8330N	NITROGLYCERIN	NO
G229DGA	MW-229	07/10/2002	PROFILE	180.00	180.00	67.50	67.50	OC21V	ACETONE	
G229DGA	MW-229	07/10/2002	PROFILE	180.00	180.00	67.50	67.50	OC21V	CHLOROFORM	
G229DGA	MW-229	07/10/2002	PROFILE	180.00	180.00	67.50	67.50	OC21V	CHLOROMETHANE	
G229DGA	MW-229	07/10/2002	PROFILE	180.00	180.00	67.50	67.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DHA	MW-229	07/10/2002	PROFILE	190.00	190.00	77.50	77.50	OC21V	ACETONE	
G229DHA	MW-229	07/10/2002	PROFILE	190.00	190.00	77.50	77.50	OC21V	CHLOROFORM	
G229DHA	MW-229	07/10/2002	PROFILE	190.00	190.00	77.50	77.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DIA	MW-229	07/10/2002	PROFILE	200.00	200.00	87.50	87.50	8330N	NITROGLYCERIN	NO
G229DIA	MW-229	07/10/2002	PROFILE	200.00	200.00	87.50	87.50	8330N	PICRIC ACID	NO
G229DIA	MW-229	07/10/2002	PROFILE	200.00	200.00	87.50	87.50	OC21V	ACETONE	
G229DIA	MW-229	07/10/2002	PROFILE	200.00	200.00	87.50	87.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DJA	MW-229	07/10/2002	PROFILE	210.00	210.00	97.50	97.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G229DJA	MW-229	07/10/2002	PROFILE	210.00	210.00	97.50	97.50	8330N	NITROGLYCERIN	NO
G229DJA	MW-229	07/10/2002	PROFILE	210.00	210.00	97.50	97.50	8330N	PICRIC ACID	NO
G229DJA	MW-229	07/10/2002	PROFILE	210.00	210.00	97.50	97.50	E314.0	PERCHLORATE	
G229DJA	MW-229	07/10/2002	PROFILE	210.00	210.00	97.50	97.50	OC21V	ACETONE	
G229DJA	MW-229	07/10/2002	PROFILE	210.00	210.00	97.50	97.50	OC21V	CHLOROFORM	
G229DJA	MW-229	07/10/2002	PROFILE	210.00	210.00	97.50	97.50	OC21V	CHLOROMETHANE	
G229DJA	MW-229	07/10/2002	PROFILE	210.00	210.00	97.50	97.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DKA	MW-229	07/11/2002	PROFILE	220.00	220.00	107.50	107.50	8330N	NITROGLYCERIN	NO
G229DKA	MW-229	07/11/2002	PROFILE	220.00	220.00	107.50	107.50	OC21V	ACETONE	

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 6/15/02 - 07/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G229DKA	MW-229	07/11/2002	PROFILE	220.00	220.00	107.50	107.50	OC21V	CHLOROFORM	
G229DKA	MW-229	07/11/2002	PROFILE	220.00	220.00	107.50	107.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DLA	MW-229	07/11/2002	PROFILE	230.00	230.00	117.50	117.50	OC21V	ACETONE	
G229DLA	MW-229	07/11/2002	PROFILE	230.00	230.00	117.50	117.50	OC21V	CHLOROFORM	
G229DLA	MW-229	07/11/2002	PROFILE	230.00	230.00	117.50	117.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DMA	MW-229	07/11/2002	PROFILE	240.00	240.00	127.50	127.50	8330N	NITROGLYCERIN	NO
G229DMA	MW-229	07/11/2002	PROFILE	240.00	240.00	127.50	127.50	OC21V	ACETONE	
G229DMA	MW-229	07/11/2002	PROFILE	240.00	240.00	127.50	127.50	OC21V	CHLOROFORM	
G229DMA	MW-229	07/11/2002	PROFILE	240.00	240.00	127.50	127.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DNA	MW-229	07/11/2002	PROFILE	250.00	250.00	137.50	137.50	8330N	NITROGLYCERIN	NO
G229DNA	MW-229	07/11/2002	PROFILE	250.00	250.00	137.50	137.50	OC21V	ACETONE	
G229DNA	MW-229	07/11/2002	PROFILE	250.00	250.00	137.50	137.50	OC21V	CHLOROFORM	
G229DNA	MW-229	07/11/2002	PROFILE	250.00	250.00	137.50	137.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DOA	MW-229	07/11/2002	PROFILE	260.00	260.00	147.50	147.50	OC21V	ACETONE	
G229DOA	MW-229	07/11/2002	PROFILE	260.00	260.00	147.50	147.50	OC21V	CHLOROFORM	
G229DOA	MW-229	07/11/2002	PROFILE	260.00	260.00	147.50	147.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DPA	MW-229	07/11/2002	PROFILE	270.00	270.00	157.50	157.50	OC21V	ACETONE	
G229DPA	MW-229	07/11/2002	PROFILE	270.00	270.00	157.50	157.50	OC21V	CHLOROFORM	
G229DPA	MW-229	07/11/2002	PROFILE	270.00	270.00	157.50	157.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DQA	MW-229	07/12/2002	PROFILE	280.00	280.00	167.50	167.50	8330N	NITROGLYCERIN	NO
G229DQA	MW-229	07/12/2002	PROFILE	280.00	280.00	167.50	167.50	OC21V	ACETONE	
G229DQA	MW-229	07/12/2002	PROFILE	280.00	280.00	167.50	167.50	OC21V	CHLOROMETHANE	
G229DQA	MW-229	07/12/2002	PROFILE	280.00	280.00	167.50	167.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DRA	MW-229	07/11/2002	PROFILE	290.00	290.00	177.50	177.50	E314.0	PERCHLORATE	
G229DRA	MW-229	07/12/2002	PROFILE	290.00	290.00	177.50	177.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G229DRA	MW-229	07/12/2002	PROFILE	290.00	290.00	177.50	177.50	8330N	NITROGLYCERIN	NO
G229DRA	MW-229	07/12/2002	PROFILE	290.00	290.00	177.50	177.50	8330N	PICRIC ACID	NO
G229DRA	MW-229	07/12/2002	PROFILE	290.00	290.00	177.50	177.50	OC21V	ACETONE	
G229DRA	MW-229	07/12/2002	PROFILE	290.00	290.00	177.50	177.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DSA	MW-229	07/12/2002	PROFILE	300.00	300.00	187.50	187.50	OC21V	ACETONE	
G229DSA	MW-229	07/12/2002	PROFILE	300.00	300.00	187.50	187.50	OC21V	CHLOROFORM	
G229DSA	MW-229	07/12/2002	PROFILE	300.00	300.00	187.50	187.50	OC21V	METHYL ETHYL KETONE (2-BUT/	

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G229DTA	MW-229	07/12/2002	PROFILE	310.00	310.00	197.50	197.50	OC21V	ACETONE	
G229DTA	MW-229	07/12/2002	PROFILE	310.00	310.00	197.50	197.50	OC21V	CHLOROFORM	
G229DTA	MW-229	07/12/2002	PROFILE	310.00	310.00	197.50	197.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DUA	MW-229	07/15/2002	PROFILE	320.00	320.00	207.50	207.50	8330N	NITROGLYCERIN	NO
G229DUA	MW-229	07/15/2002	PROFILE	320.00	320.00	207.50	207.50	OC21V	ACETONE	
G229DUA	MW-229	07/15/2002	PROFILE	320.00	320.00	207.50	207.50	OC21V	CHLOROFORM	
G229DUA	MW-229	07/15/2002	PROFILE	320.00	320.00	207.50	207.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DVA	MW-229	07/15/2002	PROFILE	330.00	330.00	217.50	217.50	8330N	NITROGLYCERIN	NO
G229DVA	MW-229	07/15/2002	PROFILE	330.00	330.00	217.50	217.50	OC21V	ACETONE	
G229DVA	MW-229	07/15/2002	PROFILE	330.00	330.00	217.50	217.50	OC21V	CHLOROFORM	
G229DVA	MW-229	07/15/2002	PROFILE	330.00	330.00	217.50	217.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DWA	MW-229	07/15/2002	PROFILE	340.00	340.00	227.50	227.50	8330N	2-NITROTOLUENE	YES*
G229DWA	MW-229	07/15/2002	PROFILE	340.00	340.00	227.50	227.50	8330N	3-NITROTOLUENE	NO
G229DWA	MW-229	07/15/2002	PROFILE	340.00	340.00	227.50	227.50	8330N	NITROGLYCERIN	NO
G229DWA	MW-229	07/15/2002	PROFILE	340.00	340.00	227.50	227.50	8330N	PICRIC ACID	NO
G229DWA	MW-229	07/15/2002	PROFILE	340.00	340.00	227.50	227.50	OC21V	ACETONE	
G229DWA	MW-229	07/15/2002	PROFILE	340.00	340.00	227.50	227.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G229DXA	MW-229	07/15/2002	PROFILE	348.50	348.50	236.00	236.00	8330N	3-NITROTOLUENE	NO
G229DXA	MW-229	07/15/2002	PROFILE	348.50	348.50	236.00	236.00	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G229DXA	MW-229	07/15/2002	PROFILE	348.50	348.50	236.00	236.00	8330N	NITROGLYCERIN	NO
G229DXA	MW-229	07/15/2002	PROFILE	348.50	348.50	236.00	236.00	8330N	PENTAERYTHRITOL TETRANITR	NO
G229DXA	MW-229	07/15/2002	PROFILE	348.50	348.50	236.00	236.00	8330N	PICRIC ACID	NO
G229DXA	MW-229	07/15/2002	PROFILE	348.50	348.50	236.00	236.00	OC21V	ACETONE	
G229DXA	MW-229	07/15/2002	PROFILE	348.50	348.50	236.00	236.00	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DAA	MW-230	07/09/2002	PROFILE	110.00	110.00	3.62	3.62	8330N	2,4,6-TRINITROTOLUENE	NO
G230DAA	MW-230	07/09/2002	PROFILE	110.00	110.00	3.62	3.62	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G230DAA	MW-230	07/09/2002	PROFILE	110.00	110.00	3.62	3.62	8330N	2,6-DINITROTOLUENE	YES*
G230DAA	MW-230	07/09/2002	PROFILE	110.00	110.00	3.62	3.62	8330N	3-NITROTOLUENE	NO
G230DAA	MW-230	07/09/2002	PROFILE	110.00	110.00	3.62	3.62	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G230DAA	MW-230	07/09/2002	PROFILE	110.00	110.00	3.62	3.62	8330N	4-NITROTOLUENE	NO
G230DAA	MW-230	07/09/2002	PROFILE	110.00	110.00	3.62	3.62	8330N	NITROGLYCERIN	NO
G230DAA	MW-230	07/09/2002	PROFILE	110.00	110.00	3.62	3.62	8330N	PICRIC ACID	NO

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G230DAA	MW-230	07/09/2002	PROFILE	110.00	110.00	3.62	3.62	OC21V	2-HEXANONE	
G230DAA	MW-230	07/09/2002	PROFILE	110.00	110.00	3.62	3.62	OC21V	ACETONE	
G230DAA	MW-230	07/09/2002	PROFILE	110.00	110.00	3.62	3.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DBA	MW-230	07/09/2002	PROFILE	120.00	120.00	13.62	13.62	8330N	2,6-DINITROTOLUENE	NO
G230DBA	MW-230	07/09/2002	PROFILE	120.00	120.00	13.62	13.62	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G230DBA	MW-230	07/09/2002	PROFILE	120.00	120.00	13.62	13.62	8330N	4-NITROTOLUENE	NO
G230DBA	MW-230	07/09/2002	PROFILE	120.00	120.00	13.62	13.62	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES*
G230DBA	MW-230	07/09/2002	PROFILE	120.00	120.00	13.62	13.62	8330N	NITROGLYCERIN	NO
G230DBA	MW-230	07/09/2002	PROFILE	120.00	120.00	13.62	13.62	8330N	OCTAHYDRO-1,3,5,7-TETRANITR	YES
G230DBA	MW-230	07/09/2002	PROFILE	120.00	120.00	13.62	13.62	8330N	PICRIC ACID	NO
G230DBA	MW-230	07/09/2002	PROFILE	120.00	120.00	13.62	13.62	E314.0	PERCHLORATE	
G230DBA	MW-230	07/09/2002	PROFILE	120.00	120.00	13.62	13.62	OC21V	2-HEXANONE	
G230DBA	MW-230	07/09/2002	PROFILE	120.00	120.00	13.62	13.62	OC21V	ACETONE	
G230DBA	MW-230	07/09/2002	PROFILE	120.00	120.00	13.62	13.62	OC21V	CHLOROETHANE	
G230DBA	MW-230	07/09/2002	PROFILE	120.00	120.00	13.62	13.62	OC21V	CHLOROMETHANE	
G230DBA	MW-230	07/09/2002	PROFILE	120.00	120.00	13.62	13.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DBA	MW-230	07/09/2002	PROFILE	120.00	120.00	13.62	13.62	OC21V	METHYL ISOBUTYL KETONE (4-M	
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	8330N	2,6-DINITROTOLUENE	YES
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	8330N	2-NITROTOLUENE	NO
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	8330N	3-NITROTOLUENE	NO
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	8330N	4-NITROTOLUENE	NO
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	8330N	NITROBENZENE	NO
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	8330N	NITROGLYCERIN	NO
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	8330N	PICRIC ACID	NO
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	E314.0	PERCHLORATE	
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	OC21V	2-HEXANONE	
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	OC21V	ACETONE	
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	OC21V	CHLOROETHANE	
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	OC21V	CHLOROMETHANE	

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G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	OC21V	METHYL ISOBUTYL KETONE (4-M	
G230DDA	MW-230	07/10/2002	PROFILE	140.00	140.00	33.62	33.62	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G230DDA	MW-230	07/10/2002	PROFILE	140.00	140.00	33.62	33.62	8330N	4-NITROTOLUENE	NO
G230DDA	MW-230	07/10/2002	PROFILE	140.00	140.00	33.62	33.62	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G230DDA	MW-230	07/10/2002	PROFILE	140.00	140.00	33.62	33.62	8330N	NITROGLYCERIN	NO
G230DDA	MW-230	07/10/2002	PROFILE	140.00	140.00	33.62	33.62	8330N	PICRIC ACID	NO
G230DDA	MW-230	07/10/2002	PROFILE	140.00	140.00	33.62	33.62	E314.0	PERCHLORATE	
G230DDA	MW-230	07/10/2002	PROFILE	140.00	140.00	33.62	33.62	OC21V	2-HEXANONE	
G230DDA	MW-230	07/10/2002	PROFILE	140.00	140.00	33.62	33.62	OC21V	ACETONE	
G230DDA	MW-230	07/10/2002	PROFILE	140.00	140.00	33.62	33.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DDA	MW-230	07/10/2002	PROFILE	140.00	140.00	33.62	33.62	OC21V	METHYL ISOBUTYL KETONE (4-M	
G230DDA	MW-230	07/10/2002	PROFILE	140.00	140.00	33.62	33.62	OC21V	TOLUENE	
G230DEA	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G230DEA	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G230DEA	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	8330N	4-NITROTOLUENE	NO
G230DEA	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G230DEA	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	8330N	NITROGLYCERIN	NO
G230DEA	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	8330N	PICRIC ACID	NO
G230DEA	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	OC21V	2-HEXANONE	
G230DEA	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	OC21V	ACETONE	
G230DEA	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	OC21V	CHLOROFORM	
G230DEA	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	OC21V	CHLOROMETHANE	
G230DEA	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DED	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G230DED	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	8330N	4-NITROTOLUENE	NO
G230DED	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G230DED	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	8330N	NITROGLYCERIN	NO
G230DED	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	8330N	PICRIC ACID	NO
G230DED	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	OC21V	2-HEXANONE	
G230DED	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	OC21V	ACETONE	
G230DED	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	OC21V	CHLOROFORM	

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(UNVALIDATED)
SAMPLES COLLECTED 6/15/02 - 07/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G230DED	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	OC21V	CHLOROMETHANE	
G230DED	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DED	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	OC21V	METHYL ISOBUTYL KETONE (4-M	
G230DED	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	OC21V	TOLUENE	
G230DFA	MW-230	07/10/2002	PROFILE	160.00	160.00	53.62	53.62	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G230DFA	MW-230	07/10/2002	PROFILE	160.00	160.00	53.62	53.62	8330N	4-NITROTOLUENE	NO
G230DFA	MW-230	07/10/2002	PROFILE	160.00	160.00	53.62	53.62	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G230DFA	MW-230	07/10/2002	PROFILE	160.00	160.00	53.62	53.62	8330N	NITROGLYCERIN	NO
G230DFA	MW-230	07/10/2002	PROFILE	160.00	160.00	53.62	53.62	OC21V	2-HEXANONE	
G230DFA	MW-230	07/10/2002	PROFILE	160.00	160.00	53.62	53.62	OC21V	ACETONE	
G230DFA	MW-230	07/10/2002	PROFILE	160.00	160.00	53.62	53.62	OC21V	CHLOROETHANE	
G230DFA	MW-230	07/10/2002	PROFILE	160.00	160.00	53.62	53.62	OC21V	CHLOROMETHANE	
G230DFA	MW-230	07/10/2002	PROFILE	160.00	160.00	53.62	53.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DFA	MW-230	07/10/2002	PROFILE	160.00	160.00	53.62	53.62	OC21V	METHYL ISOBUTYL KETONE (4-M	
G230DFA	MW-230	07/10/2002	PROFILE	160.00	160.00	53.62	53.62	OC21V	TOLUENE	
G230DGA	MW-230	07/10/2002	PROFILE	170.00	170.00	63.62	63.62	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G230DGA	MW-230	07/10/2002	PROFILE	170.00	170.00	63.62	63.62	8330N	NITROGLYCERIN	NO
G230DGA	MW-230	07/10/2002	PROFILE	170.00	170.00	63.62	63.62	OC21V	2-HEXANONE	
G230DGA	MW-230	07/10/2002	PROFILE	170.00	170.00	63.62	63.62	OC21V	ACETONE	
G230DGA	MW-230	07/10/2002	PROFILE	170.00	170.00	63.62	63.62	OC21V	BENZENE	
G230DGA	MW-230	07/10/2002	PROFILE	170.00	170.00	63.62	63.62	OC21V	CHLOROFORM	
G230DGA	MW-230	07/10/2002	PROFILE	170.00	170.00	63.62	63.62	OC21V	CHLOROMETHANE	
G230DGA	MW-230	07/10/2002	PROFILE	170.00	170.00	63.62	63.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DGA	MW-230	07/10/2002	PROFILE	170.00	170.00	63.62	63.62	OC21V	TOLUENE	
G230DHA	MW-230	07/10/2002	PROFILE	180.00	180.00	73.62	73.62	8330N	NITROGLYCERIN	NO
G230DHA	MW-230	07/10/2002	PROFILE	180.00	180.00	73.62	73.62	OC21V	2-HEXANONE	
G230DHA	MW-230	07/10/2002	PROFILE	180.00	180.00	73.62	73.62	OC21V	ACETONE	
G230DHA	MW-230	07/10/2002	PROFILE	180.00	180.00	73.62	73.62	OC21V	CHLOROFORM	
G230DHA	MW-230	07/10/2002	PROFILE	180.00	180.00	73.62	73.62	OC21V	CHLOROMETHANE	
G230DHA	MW-230	07/10/2002	PROFILE	180.00	180.00	73.62	73.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DHA	MW-230	07/10/2002	PROFILE	180.00	180.00	73.62	73.62	OC21V	METHYL ISOBUTYL KETONE (4-M	
G230DIA	MW-230	07/10/2002	PROFILE	190.00	190.00	83.62	83.62	8330N	NITROGLYCERIN	NO

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 6/15/02 - 07/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G230DIA	MW-230	07/10/2002	PROFILE	190.00	190.00	83.62	83.62	OC21V	ACETONE	
G230DIA	MW-230	07/10/2002	PROFILE	190.00	190.00	83.62	83.62	OC21V	CHLOROFORM	
G230DIA	MW-230	07/10/2002	PROFILE	190.00	190.00	83.62	83.62	OC21V	CHLOROMETHANE	
G230DIA	MW-230	07/10/2002	PROFILE	190.00	190.00	83.62	83.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DJA	MW-230	07/10/2002	PROFILE	200.00	200.00	93.62	93.62	8330N	NITROGLYCERIN	NO
G230DJA	MW-230	07/10/2002	PROFILE	200.00	200.00	93.62	93.62	OC21V	ACETONE	
G230DJA	MW-230	07/10/2002	PROFILE	200.00	200.00	93.62	93.62	OC21V	CHLOROMETHANE	
G230DJA	MW-230	07/10/2002	PROFILE	200.00	200.00	93.62	93.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DKA	MW-230	07/10/2002	PROFILE	210.00	210.00	103.62	103.62	8330N	NITROGLYCERIN	NO
G230DKA	MW-230	07/10/2002	PROFILE	210.00	210.00	103.62	103.62	OC21V	2-HEXANONE	
G230DKA	MW-230	07/10/2002	PROFILE	210.00	210.00	103.62	103.62	OC21V	ACETONE	
G230DKA	MW-230	07/10/2002	PROFILE	210.00	210.00	103.62	103.62	OC21V	BENZENE	
G230DKA	MW-230	07/10/2002	PROFILE	210.00	210.00	103.62	103.62	OC21V	CHLOROFORM	
G230DKA	MW-230	07/10/2002	PROFILE	210.00	210.00	103.62	103.62	OC21V	CHLOROMETHANE	
G230DKA	MW-230	07/10/2002	PROFILE	210.00	210.00	103.62	103.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DKA	MW-230	07/10/2002	PROFILE	210.00	210.00	103.62	103.62	OC21V	TOLUENE	
G230DLA	MW-230	07/10/2002	PROFILE	220.00	220.00	113.62	113.62	8330N	NITROGLYCERIN	NO
G230DLA	MW-230	07/10/2002	PROFILE	220.00	220.00	113.62	113.62	OC21V	ACETONE	
G230DLA	MW-230	07/10/2002	PROFILE	220.00	220.00	113.62	113.62	OC21V	CHLOROFORM	
G230DLA	MW-230	07/10/2002	PROFILE	220.00	220.00	113.62	113.62	OC21V	CHLOROMETHANE	
G230DLA	MW-230	07/10/2002	PROFILE	220.00	220.00	113.62	113.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DMA	MW-230	07/10/2002	PROFILE	230.00	230.00	123.62	123.62	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G230DMA	MW-230	07/10/2002	PROFILE	230.00	230.00	123.62	123.62	8330N	NITROGLYCERIN	NO
G230DMA	MW-230	07/10/2002	PROFILE	230.00	230.00	123.62	123.62	OC21V	ACETONE	
G230DMA	MW-230	07/10/2002	PROFILE	230.00	230.00	123.62	123.62	OC21V	CHLOROFORM	
G230DMA	MW-230	07/10/2002	PROFILE	230.00	230.00	123.62	123.62	OC21V	CHLOROMETHANE	
G230DMA	MW-230	07/10/2002	PROFILE	230.00	230.00	123.62	123.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DNA	MW-230	07/11/2002	PROFILE	240.00	240.00	133.62	133.62	8330N	NITROGLYCERIN	NO
G230DNA	MW-230	07/11/2002	PROFILE	240.00	240.00	133.62	133.62	OC21V	ACETONE	
G230DNA	MW-230	07/11/2002	PROFILE	240.00	240.00	133.62	133.62	OC21V	CHLOROFORM	
G230DNA	MW-230	07/11/2002	PROFILE	240.00	240.00	133.62	133.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DOA	MW-230	07/11/2002	PROFILE	250.00	250.00	143.62	143.62	8330N	NITROGLYCERIN	NO

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BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET
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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 6/15/02 - 07/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G230DOA	MW-230	07/11/2002	PROFILE	250.00	250.00	143.62	143.62	OC21V	ACETONE	
G230DOA	MW-230	07/11/2002	PROFILE	250.00	250.00	143.62	143.62	OC21V	CHLOROFORM	
G230DOA	MW-230	07/11/2002	PROFILE	250.00	250.00	143.62	143.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DPA	MW-230	07/12/2002	PROFILE	260.00	260.00	153.62	153.62	8330N	NITROGLYCERIN	NO
G230DPA	MW-230	07/12/2002	PROFILE	260.00	260.00	153.62	153.62	OC21V	ACETONE	
G230DPA	MW-230	07/12/2002	PROFILE	260.00	260.00	153.62	153.62	OC21V	CHLOROFORM	
G230DPA	MW-230	07/12/2002	PROFILE	260.00	260.00	153.62	153.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DQA	MW-230	07/12/2002	PROFILE	270.00	270.00	163.62	163.62	8330N	NITROGLYCERIN	NO
G230DQA	MW-230	07/12/2002	PROFILE	270.00	270.00	163.62	163.62	OC21V	2-HEXANONE	
G230DQA	MW-230	07/12/2002	PROFILE	270.00	270.00	163.62	163.62	OC21V	ACETONE	
G230DQA	MW-230	07/12/2002	PROFILE	270.00	270.00	163.62	163.62	OC21V	CHLOROMETHANE	
G230DQA	MW-230	07/12/2002	PROFILE	270.00	270.00	163.62	163.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DRA	MW-230	07/15/2002	PROFILE	280.00	280.00	173.62	173.62	8330N	NITROGLYCERIN	NO
G230DRA	MW-230	07/15/2002	PROFILE	280.00	280.00	173.62	173.62	OC21V	ACETONE	
G230DRA	MW-230	07/15/2002	PROFILE	280.00	280.00	173.62	173.62	OC21V	CHLOROETHANE	
G230DRA	MW-230	07/15/2002	PROFILE	280.00	280.00	173.62	173.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DSA	MW-230	07/15/2002	PROFILE	290.00	290.00	183.62	183.62	8330N	2,4-DINITROTOLUENE	NO
G230DSA	MW-230	07/15/2002	PROFILE	290.00	290.00	183.62	183.62	8330N	2,6-DINITROTOLUENE	YES
G230DSA	MW-230	07/15/2002	PROFILE	290.00	290.00	183.62	183.62	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G230DSA	MW-230	07/15/2002	PROFILE	290.00	290.00	183.62	183.62	8330N	2-NITROTOLUENE	NO
G230DSA	MW-230	07/15/2002	PROFILE	290.00	290.00	183.62	183.62	8330N	3-NITROTOLUENE	NO
G230DSA	MW-230	07/15/2002	PROFILE	290.00	290.00	183.62	183.62	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G230DSA	MW-230	07/15/2002	PROFILE	290.00	290.00	183.62	183.62	8330N	4-NITROTOLUENE	NO
G230DSA	MW-230	07/15/2002	PROFILE	290.00	290.00	183.62	183.62	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G230DSA	MW-230	07/15/2002	PROFILE	290.00	290.00	183.62	183.62	8330N	NITROBENZENE	NO
G230DSA	MW-230	07/15/2002	PROFILE	290.00	290.00	183.62	183.62	8330N	NITROGLYCERIN	NO
G230DSA	MW-230	07/15/2002	PROFILE	290.00	290.00	183.62	183.62	8330N	PICRIC ACID	NO
G230DSA	MW-230	07/15/2002	PROFILE	290.00	290.00	183.62	183.62	OC21V	ACETONE	
G230DSA	MW-230	07/15/2002	PROFILE	290.00	290.00	183.62	183.62	OC21V	CHLOROETHANE	
G230DSA	MW-230	07/15/2002	PROFILE	290.00	290.00	183.62	183.62	OC21V	CHLOROMETHANE	
G230DSA	MW-230	07/15/2002	PROFILE	290.00	290.00	183.62	183.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DSA	MW-230	07/15/2002	PROFILE	290.00	290.00	183.62	183.62	OC21V	METHYL ISOBUTYL KETONE (4-M	

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 6/15/02 - 07/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G230DTA	MW-230	07/15/2002	PROFILE	300.00	300.00	193.62	193.62	OC21V	ACETONE	
G230DUA	MW-230	07/15/2002	PROFILE	310.00	310.00	203.62	203.62	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G230DUA	MW-230	07/15/2002	PROFILE	310.00	310.00	203.62	203.62	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G230DUA	MW-230	07/15/2002	PROFILE	310.00	310.00	203.62	203.62	8330N	NITROBENZENE	NO
G230DUA	MW-230	07/15/2002	PROFILE	310.00	310.00	203.62	203.62	8330N	NITROGLYCERIN	NO
G230DUA	MW-230	07/15/2002	PROFILE	310.00	310.00	203.62	203.62	OC21V	ACETONE	
G230DUA	MW-230	07/15/2002	PROFILE	310.00	310.00	203.62	203.62	OC21V	BENZENE	
G230DUA	MW-230	07/15/2002	PROFILE	310.00	310.00	203.62	203.62	OC21V	CARBON DISULFIDE	
G230DUA	MW-230	07/15/2002	PROFILE	310.00	310.00	203.62	203.62	OC21V	CHLOROETHANE	
G230DUA	MW-230	07/15/2002	PROFILE	310.00	310.00	203.62	203.62	OC21V	CHLOROFORM	
G230DUA	MW-230	07/15/2002	PROFILE	310.00	310.00	203.62	203.62	OC21V	CHLOROMETHANE	
G230DUA	MW-230	07/15/2002	PROFILE	310.00	310.00	203.62	203.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DUA	MW-230	07/15/2002	PROFILE	310.00	310.00	203.62	203.62	OC21V	TOLUENE	
G230DVA	MW-230	07/16/2002	PROFILE	320.00	320.00	213.62	213.62	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G230DVA	MW-230	07/16/2002	PROFILE	320.00	320.00	213.62	213.62	8330N	NITROBENZENE	NO
G230DVA	MW-230	07/16/2002	PROFILE	320.00	320.00	213.62	213.62	8330N	NITROGLYCERIN	NO
G230DVA	MW-230	07/16/2002	PROFILE	320.00	320.00	213.62	213.62	OC21V	ACETONE	
G230DVA	MW-230	07/16/2002	PROFILE	320.00	320.00	213.62	213.62	OC21V	CHLOROFORM	
G230DVA	MW-230	07/16/2002	PROFILE	320.00	320.00	213.62	213.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DWA	MW-230	07/16/2002	PROFILE	330.00	330.00	223.62	223.62	8330N	NITROGLYCERIN	NO
G230DWA	MW-230	07/16/2002	PROFILE	330.00	330.00	223.62	223.62	OC21V	ACETONE	
G230DWA	MW-230	07/16/2002	PROFILE	330.00	330.00	223.62	223.62	OC21V	CHLOROFORM	
G230DWA	MW-230	07/16/2002	PROFILE	330.00	330.00	223.62	223.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DXA	MW-230	07/17/2002	PROFILE	340.00	340.00	233.62	233.62	8330N	NITROGLYCERIN	NO
G230DXA	MW-230	07/17/2002	PROFILE	340.00	340.00	233.62	233.62	OC21V	ACETONE	
G230DXA	MW-230	07/17/2002	PROFILE	340.00	340.00	233.62	233.62	OC21V	METHYL ETHYL KETONE (2-BUT/	
G230DYA	MW-230	07/17/2002	PROFILE	345.60	345.60	239.22	239.22	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G230DYA	MW-230	07/17/2002	PROFILE	345.60	345.60	239.22	239.22	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G230DYA	MW-230	07/17/2002	PROFILE	345.60	345.60	239.22	239.22	8330N	NITROBENZENE	NO
G230DYA	MW-230	07/17/2002	PROFILE	345.60	345.60	239.22	239.22	8330N	NITROGLYCERIN	NO
G230DYA	MW-230	07/17/2002	PROFILE	345.60	345.60	239.22	239.22	OC21V	2-HEXANONE	
G230DYA	MW-230	07/17/2002	PROFILE	345.60	345.60	239.22	239.22	OC21V	ACETONE	

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* = Interference in sample

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 6/15/02 - 07/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G230DYA	MW-230	07/17/2002	PROFILE	345.60	345.60	239.22	239.22	OC21V	CARBON DISULFIDE	
G230DYA	MW-230	07/17/2002	PROFILE	345.60	345.60	239.22	239.22	OC21V	METHYL ETHYL KETONE (2-BUT/	
G231DAA	MW-231	07/23/2002	PROFILE	110.00	110.00	3.50	3.50	8330N	1,3,5-TRINITROBENZENE	NO
G231DAA	MW-231	07/23/2002	PROFILE	110.00	110.00	3.50	3.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G231DAA	MW-231	07/23/2002	PROFILE	110.00	110.00	3.50	3.50	8330N	NITROGLYCERIN	NO
G231DAA	MW-231	07/23/2002	PROFILE	110.00	110.00	3.50	3.50	8330N	PICRIC ACID	NO
G231DBA	MW-231	07/23/2002	PROFILE	120.00	120.00	13.50	13.50	8330N	2,4,6-TRINITROTOLUENE	NO
G231DBA	MW-231	07/23/2002	PROFILE	120.00	120.00	13.50	13.50	8330N	2-NITROTOLUENE	NO
G231DBA	MW-231	07/23/2002	PROFILE	120.00	120.00	13.50	13.50	8330N	3-NITROTOLUENE	NO
G231DBA	MW-231	07/23/2002	PROFILE	120.00	120.00	13.50	13.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G231DBA	MW-231	07/23/2002	PROFILE	120.00	120.00	13.50	13.50	8330N	4-NITROTOLUENE	NO
G231DBA	MW-231	07/23/2002	PROFILE	120.00	120.00	13.50	13.50	8330N	NITROGLYCERIN	NO
G231DBA	MW-231	07/23/2002	PROFILE	120.00	120.00	13.50	13.50	8330N	PICRIC ACID	NO
G231DBA	MW-231	07/23/2002	PROFILE	120.00	120.00	13.50	13.50	E314.0	PERCHLORATE	
G231DCA	MW-231	07/23/2002	PROFILE	130.00	130.00	23.50	23.50	8330N	1,3,5-TRINITROBENZENE	NO
G231DCA	MW-231	07/23/2002	PROFILE	130.00	130.00	23.50	23.50	8330N	1,3-DINITROBENZENE	NO
G231DCA	MW-231	07/23/2002	PROFILE	130.00	130.00	23.50	23.50	8330N	2,4,6-TRINITROTOLUENE	NO
G231DCA	MW-231	07/23/2002	PROFILE	130.00	130.00	23.50	23.50	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G231DCA	MW-231	07/23/2002	PROFILE	130.00	130.00	23.50	23.50	8330N	2-NITROTOLUENE	NO
G231DCA	MW-231	07/23/2002	PROFILE	130.00	130.00	23.50	23.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G231DCA	MW-231	07/23/2002	PROFILE	130.00	130.00	23.50	23.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G231DCA	MW-231	07/23/2002	PROFILE	130.00	130.00	23.50	23.50	8330N	NITROGLYCERIN	NO
G231DCA	MW-231	07/23/2002	PROFILE	130.00	130.00	23.50	23.50	8330N	PENTAERYTHRITOL TETRANITR	NO
G231DCA	MW-231	07/23/2002	PROFILE	130.00	130.00	23.50	23.50	8330N	PICRIC ACID	NO
G231DDA	MW-231	07/23/2002	PROFILE	140.00	140.00	33.50	33.50	8330N	NITROGLYCERIN	NO
G231DDA	MW-231	07/23/2002	PROFILE	140.00	140.00	33.50	33.50	8330N	PICRIC ACID	NO
G231DEA	MW-231	07/23/2002	PROFILE	150.00	150.00	43.50	43.50	8330N	1,3,5-TRINITROBENZENE	NO
G231DEA	MW-231	07/23/2002	PROFILE	150.00	150.00	43.50	43.50	8330N	1,3-DINITROBENZENE	NO
G231DEA	MW-231	07/23/2002	PROFILE	150.00	150.00	43.50	43.50	8330N	2,4,6-TRINITROTOLUENE	NO
G231DEA	MW-231	07/23/2002	PROFILE	150.00	150.00	43.50	43.50	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G231DEA	MW-231	07/23/2002	PROFILE	150.00	150.00	43.50	43.50	8330N	2-NITROTOLUENE	NO
G231DEA	MW-231	07/23/2002	PROFILE	150.00	150.00	43.50	43.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO

DATA REPORTED REFLECT CURRENT DATABASE FOR SAMPLES COLLECTED IN SPECIFIED TIMEFRAME. NOT ALL RESULTS ARE COMPLETE.
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PDA/YES = Photo Diode Array, Detect Confirmed
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* = Interference in sample

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 6/15/02 - 07/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G231DEA	MW-231	07/23/2002	PROFILE	150.00	150.00	43.50	43.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G231DEA	MW-231	07/23/2002	PROFILE	150.00	150.00	43.50	43.50	8330N	NITROGLYCERIN	NO
G231DEA	MW-231	07/23/2002	PROFILE	150.00	150.00	43.50	43.50	8330N	PICRIC ACID	NO
G231DFA	MW-231	07/23/2002	PROFILE	160.00	160.00	53.50	53.50	8330N	1,3,5-TRINITROBENZENE	NO
G231DFA	MW-231	07/23/2002	PROFILE	160.00	160.00	53.50	53.50	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G231DFA	MW-231	07/23/2002	PROFILE	160.00	160.00	53.50	53.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G231DFA	MW-231	07/23/2002	PROFILE	160.00	160.00	53.50	53.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G231DFA	MW-231	07/23/2002	PROFILE	160.00	160.00	53.50	53.50	8330N	NITROGLYCERIN	NO
G231DFA	MW-231	07/23/2002	PROFILE	160.00	160.00	53.50	53.50	E314.0	PERCHLORATE	
G231DGA	MW-231	07/24/2002	PROFILE	170.00	170.00	63.50	63.50	8330N	1,3,5-TRINITROBENZENE	NO
G231DGA	MW-231	07/24/2002	PROFILE	170.00	170.00	63.50	63.50	8330N	1,3-DINITROBENZENE	NO
G231DGA	MW-231	07/24/2002	PROFILE	170.00	170.00	63.50	63.50	8330N	2,4,6-TRINITROTOLUENE	NO
G231DGA	MW-231	07/24/2002	PROFILE	170.00	170.00	63.50	63.50	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G231DGA	MW-231	07/24/2002	PROFILE	170.00	170.00	63.50	63.50	8330N	2-NITROTOLUENE	NO
G231DGA	MW-231	07/24/2002	PROFILE	170.00	170.00	63.50	63.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G231DGA	MW-231	07/24/2002	PROFILE	170.00	170.00	63.50	63.50	8330N	4-NITROTOLUENE	NO
G231DGA	MW-231	07/24/2002	PROFILE	170.00	170.00	63.50	63.50	8330N	NITROGLYCERIN	NO
G231DGA	MW-231	07/24/2002	PROFILE	170.00	170.00	63.50	63.50	8330N	PICRIC ACID	NO
G231DGA	MW-231	07/24/2002	PROFILE	170.00	170.00	63.50	63.50	E314.0	PERCHLORATE	
G231DHA	MW-231	07/24/2002	PROFILE	180.00	180.00	73.50	73.50	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G231DHA	MW-231	07/24/2002	PROFILE	180.00	180.00	73.50	73.50	8330N	2-NITROTOLUENE	NO
G231DHA	MW-231	07/24/2002	PROFILE	180.00	180.00	73.50	73.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G231DHA	MW-231	07/24/2002	PROFILE	180.00	180.00	73.50	73.50	8330N	NITROGLYCERIN	NO
G231DHA	MW-231	07/24/2002	PROFILE	180.00	180.00	73.50	73.50	8330N	PICRIC ACID	NO
G231DHA	MW-231	07/24/2002	PROFILE	180.00	180.00	73.50	73.50	E314.0	PERCHLORATE	
G231DIA	MW-231	07/24/2002	PROFILE	190.00	190.00	83.50	83.50	8330N	1,3,5-TRINITROBENZENE	NO
G231DIA	MW-231	07/24/2002	PROFILE	190.00	190.00	83.50	83.50	8330N	1,3-DINITROBENZENE	NO
G231DIA	MW-231	07/24/2002	PROFILE	190.00	190.00	83.50	83.50	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G231DIA	MW-231	07/24/2002	PROFILE	190.00	190.00	83.50	83.50	8330N	2-AMINO-4,6-DINITROTOLUENE	NO
G231DIA	MW-231	07/24/2002	PROFILE	190.00	190.00	83.50	83.50	8330N	2-NITROTOLUENE	NO
G231DIA	MW-231	07/24/2002	PROFILE	190.00	190.00	83.50	83.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G231DIA	MW-231	07/24/2002	PROFILE	190.00	190.00	83.50	83.50	8330N	NITROGLYCERIN	NO

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 6/15/02 - 07/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G231DIA	MW-231	07/24/2002	PROFILE	190.00	190.00	83.50	83.50	8330N	PICRIC ACID	NO
G231DJA	MW-231	07/24/2002	PROFILE	200.00	200.00	93.50	93.50	8330N	1,3,5-TRINITROBENZENE	NO
G231DJA	MW-231	07/24/2002	PROFILE	200.00	200.00	93.50	93.50	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G231DJA	MW-231	07/24/2002	PROFILE	200.00	200.00	93.50	93.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G231DJA	MW-231	07/24/2002	PROFILE	200.00	200.00	93.50	93.50	8330N	NITROGLYCERIN	NO
G231DJA	MW-231	07/24/2002	PROFILE	200.00	200.00	93.50	93.50	8330N	PICRIC ACID	NO
G231DKA	MW-231	07/24/2002	PROFILE	210.00	210.00	103.50	103.50	8330N	2,4,6-TRINITROTOLUENE	NO
G231DKA	MW-231	07/24/2002	PROFILE	210.00	210.00	103.50	103.50	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G231DKA	MW-231	07/24/2002	PROFILE	210.00	210.00	103.50	103.50	8330N	NITROGLYCERIN	NO
G231DKA	MW-231	07/24/2002	PROFILE	210.00	210.00	103.50	103.50	8330N	PICRIC ACID	NO
G231DKA	MW-231	07/24/2002	PROFILE	210.00	210.00	103.50	103.50	E314.0	PERCHLORATE	
G231DKD	MW-231	07/24/2002	PROFILE	210.00	210.00	103.50	103.50	8330N	2,4,6-TRINITROTOLUENE	NO
G231DKD	MW-231	07/24/2002	PROFILE	210.00	210.00	103.50	103.50	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G231DKD	MW-231	07/24/2002	PROFILE	210.00	210.00	103.50	103.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G231DKD	MW-231	07/24/2002	PROFILE	210.00	210.00	103.50	103.50	8330N	NITROGLYCERIN	NO
G231DKD	MW-231	07/24/2002	PROFILE	210.00	210.00	103.50	103.50	8330N	PICRIC ACID	NO
G231DKD	MW-231	07/24/2002	PROFILE	210.00	210.00	103.50	103.50	E314.0	PERCHLORATE	
G231DLA	MW-231	07/24/2002	PROFILE	220.00	220.00	113.50	113.50	E314.0	PERCHLORATE	
G231DMA	MW-231	07/25/2002	PROFILE	230.00	230.00	123.50	123.50	8330N	NITROGLYCERIN	NO
G231DMA	MW-231	07/25/2002	PROFILE	230.00	230.00	123.50	123.50	8330N	PICRIC ACID	NO
G231DNA	MW-231	07/25/2002	PROFILE	240.00	240.00	133.50	133.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G231DNA	MW-231	07/25/2002	PROFILE	240.00	240.00	133.50	133.50	8330N	NITROGLYCERIN	NO
G231DOA	MW-231	07/25/2002	PROFILE	250.00	250.00	143.50	143.50	8330N	1,3,5-TRINITROBENZENE	NO
G231DOA	MW-231	07/25/2002	PROFILE	250.00	250.00	143.50	143.50	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G231DOA	MW-231	07/25/2002	PROFILE	250.00	250.00	143.50	143.50	8330N	2-NITROTOLUENE	NO
G231DOA	MW-231	07/25/2002	PROFILE	250.00	250.00	143.50	143.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G231DOA	MW-231	07/25/2002	PROFILE	250.00	250.00	143.50	143.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G231DOA	MW-231	07/25/2002	PROFILE	250.00	250.00	143.50	143.50	8330N	NITROGLYCERIN	NO
G231DOA	MW-231	07/25/2002	PROFILE	250.00	250.00	143.50	143.50	8330N	PICRIC ACID	NO
G231DQA	MW-231	07/25/2002	PROFILE	270.00	270.00	163.50	163.50	8330N	NITROGLYCERIN	NO
G231DRA	MW-231	07/25/2002	PROFILE	280.00	280.00	173.50	173.50	8330N	NITROGLYCERIN	NO
G231DSA	MW-231	07/25/2002	PROFILE	290.00	290.00	183.50	183.50	8330N	1,3,5-TRINITROBENZENE	NO

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TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 6/15/02 - 07/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G231DSA	MW-231	07/25/2002	PROFILE	290.00	290.00	183.50	183.50	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G231DSA	MW-231	07/25/2002	PROFILE	290.00	290.00	183.50	183.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G231DSA	MW-231	07/25/2002	PROFILE	290.00	290.00	183.50	183.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G231DSA	MW-231	07/25/2002	PROFILE	290.00	290.00	183.50	183.50	8330N	NITROGLYCERIN	NO
G231DSA	MW-231	07/25/2002	PROFILE	290.00	290.00	183.50	183.50	8330N	PICRIC ACID	NO
G231DTA	MW-231	07/25/2002	PROFILE	300.00	300.00	193.50	193.50	8330N	1,3,5-TRINITROBENZENE	NO
G231DTA	MW-231	07/25/2002	PROFILE	300.00	300.00	193.50	193.50	8330N	2,4-DIAMINO-6-NITROTOLUENE	NO
G231DTA	MW-231	07/25/2002	PROFILE	300.00	300.00	193.50	193.50	8330N	4-AMINO-2,6-DINITROTOLUENE	NO
G231DTA	MW-231	07/25/2002	PROFILE	300.00	300.00	193.50	193.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G231DTA	MW-231	07/25/2002	PROFILE	300.00	300.00	193.50	193.50	8330N	NITROGLYCERIN	NO
G231DTA	MW-231	07/25/2002	PROFILE	300.00	300.00	193.50	193.50	8330N	PICRIC ACID	NO
G232DAA	MW-232	07/23/2002	PROFILE	50.00	50.00	7.50	7.50	8330N	1,3,5-TRINITROBENZENE	NO
G232DAA	MW-232	07/23/2002	PROFILE	50.00	50.00	7.50	7.50	8330N	1,3-DINITROBENZENE	NO
G232DAA	MW-232	07/23/2002	PROFILE	50.00	50.00	7.50	7.50	8330N	2-NITROTOLUENE	NO
G232DAA	MW-232	07/23/2002	PROFILE	50.00	50.00	7.50	7.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	NO
G232DAA	MW-232	07/23/2002	PROFILE	50.00	50.00	7.50	7.50	8330N	NITROGLYCERIN	NO
G232DAA	MW-232	07/23/2002	PROFILE	50.00	50.00	7.50	7.50	8330N	PICRIC ACID	NO
G232DAA	MW-232	07/23/2002	PROFILE	50.00	50.00	7.50	7.50	OC21V	ACETONE	
G232DAA	MW-232	07/23/2002	PROFILE	50.00	50.00	7.50	7.50	OC21V	CHLOROFORM	
G232DAA	MW-232	07/23/2002	PROFILE	50.00	50.00	7.50	7.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G232DBA	MW-232	07/23/2002	PROFILE	60.00	60.00	17.50	17.50	8330N	2-NITROTOLUENE	NO
G232DBA	MW-232	07/23/2002	PROFILE	60.00	60.00	17.50	17.50	8330N	NITROGLYCERIN	NO
G232DBA	MW-232	07/23/2002	PROFILE	60.00	60.00	17.50	17.50	8330N	PICRIC ACID	NO
G232DBA	MW-232	07/23/2002	PROFILE	60.00	60.00	17.50	17.50	E314.0	PERCHLORATE	
G232DBA	MW-232	07/23/2002	PROFILE	60.00	60.00	17.50	17.50	OC21V	ACETONE	
G232DBA	MW-232	07/23/2002	PROFILE	60.00	60.00	17.50	17.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G232DCA	MW-232	07/23/2002	PROFILE	70.00	70.00	27.50	27.50	8330N	NITROGLYCERIN	NO
G232DCA	MW-232	07/23/2002	PROFILE	70.00	70.00	27.50	27.50	8330N	PICRIC ACID	NO
G232DCA	MW-232	07/23/2002	PROFILE	70.00	70.00	27.50	27.50	E314.0	PERCHLORATE	
G232DCA	MW-232	07/23/2002	PROFILE	70.00	70.00	27.50	27.50	OC21V	ACETONE	
G232DCA	MW-232	07/23/2002	PROFILE	70.00	70.00	27.50	27.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G232DDA	MW-232	07/23/2002	PROFILE	80.00	80.00	37.50	37.50	8330N	NITROGLYCERIN	NO

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(UNVALIDATED)
SAMPLES COLLECTED 6/15/02 - 07/31/02

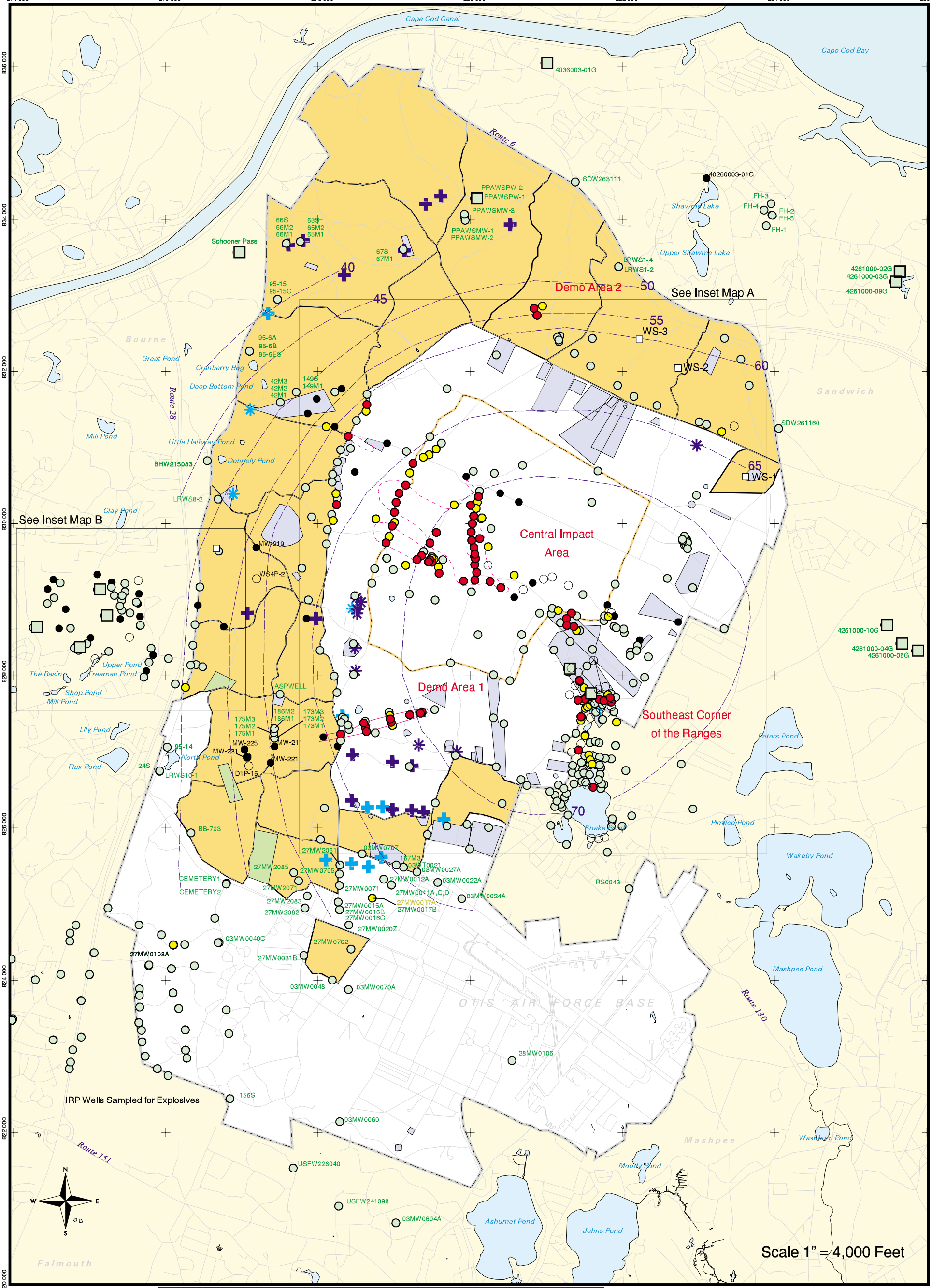
OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G232DDA	MW-232	07/23/2002	PROFILE	80.00	80.00	37.50	37.50	E314.0	PERCHLORATE	
G232DDA	MW-232	07/23/2002	PROFILE	80.00	80.00	37.50	37.50	OC21V	ACETONE	
G232DDA	MW-232	07/23/2002	PROFILE	80.00	80.00	37.50	37.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G232DEA	MW-232	07/23/2002	PROFILE	90.00	90.00	47.50	47.50	8330N	NITROGLYCERIN	NO
G232DEA	MW-232	07/23/2002	PROFILE	90.00	90.00	47.50	47.50	8330N	PICRIC ACID	NO
G232DEA	MW-232	07/23/2002	PROFILE	90.00	90.00	47.50	47.50	E314.0	PERCHLORATE	
G232DEA	MW-232	07/23/2002	PROFILE	90.00	90.00	47.50	47.50	OC21V	ACETONE	
G232DEA	MW-232	07/23/2002	PROFILE	90.00	90.00	47.50	47.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G232DFA	MW-232	07/23/2002	PROFILE	100.00	100.00	57.50	57.50	OC21V	ACETONE	
G232DFA	MW-232	07/23/2002	PROFILE	100.00	100.00	57.50	57.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G232DGA	MW-232	07/23/2002	PROFILE	110.00	110.00	67.50	67.50	OC21V	ACETONE	
G232DGA	MW-232	07/23/2002	PROFILE	110.00	110.00	67.50	67.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G232DHA	MW-232	07/24/2002	PROFILE	120.00	120.00	77.50	77.50	OC21V	ACETONE	
G232DHA	MW-232	07/24/2002	PROFILE	120.00	120.00	77.50	77.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G232DIA	MW-232	07/24/2002	PROFILE	130.00	130.00	87.50	87.50	OC21V	CHLOROFORM	
G232DJA	MW-232	07/24/2002	PROFILE	140.00	140.00	97.50	97.50	OC21V	ACETONE	
G232DJA	MW-232	07/24/2002	PROFILE	140.00	140.00	97.50	97.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G232DKA	MW-232	07/24/2002	PROFILE	150.00	150.00	107.50	107.50	OC21V	ACETONE	
G232DKA	MW-232	07/24/2002	PROFILE	150.00	150.00	107.50	107.50	OC21V	CHLOROFORM	
G232DKA	MW-232	07/24/2002	PROFILE	150.00	150.00	107.50	107.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G232DKD	MW-232	07/24/2002	PROFILE	150.00	150.00	107.50	107.50	OC21V	ACETONE	
G232DKD	MW-232	07/24/2002	PROFILE	150.00	150.00	107.50	107.50	OC21V	CHLOROFORM	
G232DKD	MW-232	07/24/2002	PROFILE	150.00	150.00	107.50	107.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G232DMA	MW-232	07/24/2002	PROFILE	170.00	170.00	127.50	127.50	OC21V	ACETONE	
G232DNA	MW-232	07/25/2002	PROFILE	180.00	180.00	137.50	137.50	8330N	4-NITROTOLUENE	NO
G232DNA	MW-232	07/25/2002	PROFILE	180.00	180.00	137.50	137.50	8330N	NITROGLYCERIN	NO
G232DNA	MW-232	07/25/2002	PROFILE	180.00	180.00	137.50	137.50	8330N	PICRIC ACID	NO
G232DNA	MW-232	07/25/2002	PROFILE	180.00	180.00	137.50	137.50	OC21V	ACETONE	
G232DNA	MW-232	07/25/2002	PROFILE	180.00	180.00	137.50	137.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
G232DOA	MW-232	07/25/2002	PROFILE	190.00	190.00	147.50	147.50	OC21V	ACETONE	
G232DOA	MW-232	07/25/2002	PROFILE	190.00	190.00	147.50	147.50	OC21V	METHYL ETHYL KETONE (2-BUT/	
ATPW1INF48	ATPW1INF48	06/19/2002	AQUIFER TEST					E314.0	PERCHLORATE	

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

TABLE 4
DETECTED COMPOUNDS IN RUSH DATA
(UNVALIDATED)
SAMPLES COLLECTED 6/15/02 - 07/31/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
ATPW1INF56	ATPW1INF56	06/19/2002	AQUIFER TEST					E314.0	PERCHLORATE	
ATPW1INF64	ATPW1INF64	06/20/2002	AQUIFER TEST					E314.0	PERCHLORATE	
ATPW1INF72	ATPW1INF72	06/20/2002	AQUIFER TEST					8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3	YES
ATPW1INF72	ATPW1INF72	06/20/2002	AQUIFER TEST					E314.0	PERCHLORATE	

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



LEGEND

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Combat Training Areas
- Military Training Areas
- Military Ranges
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Validated Non-Detect Water Supply Well
- Future Supply Well
- Water Table Contour (feet above mean sea level)
- Area of RDX Detections greater than 2.0 ppb
- 2.0 ppb RDX Concentration Contour

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

amec August 01, 2002 DRAFT

IAGWSP Impact Area Groundwater Study Program

Figure 1

Explosives in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 7/26/02

d:\work\monthly\august2002\exp

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

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

Demo Area 2

Central Impact Area

CS-19

Demo Area 1

Southeast Corner of the Ranges

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

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

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

MW-205 MW-206 MW-207 MW-208 MW-209 MW-210 MW-212 MW-214 MW-215 MW-216 MW-217 MW-218 MW-220 MW-222 MW-223 MW-224 MW-227 MW-228 MW-229 MW-230 MW-232

OW-1 OW-2 OW-3 OW-6
CIAP-24
J1P-1 J1P-16 J1P-17 J1P-18
J2P-12
J3P-19 J3P-20 J3P-21 J3P-22 J3P-23 J3P-26 J3P-27 J3P-28 J3P-29 J3P-30 J3P-31
LP-5 LP-6 LP-7 LP-8 LP-9 LP-10

Scale 1" = 1,200 Feet

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

amec August 01, 2002 DRAFT

d:\work\monthly\august2002\exp

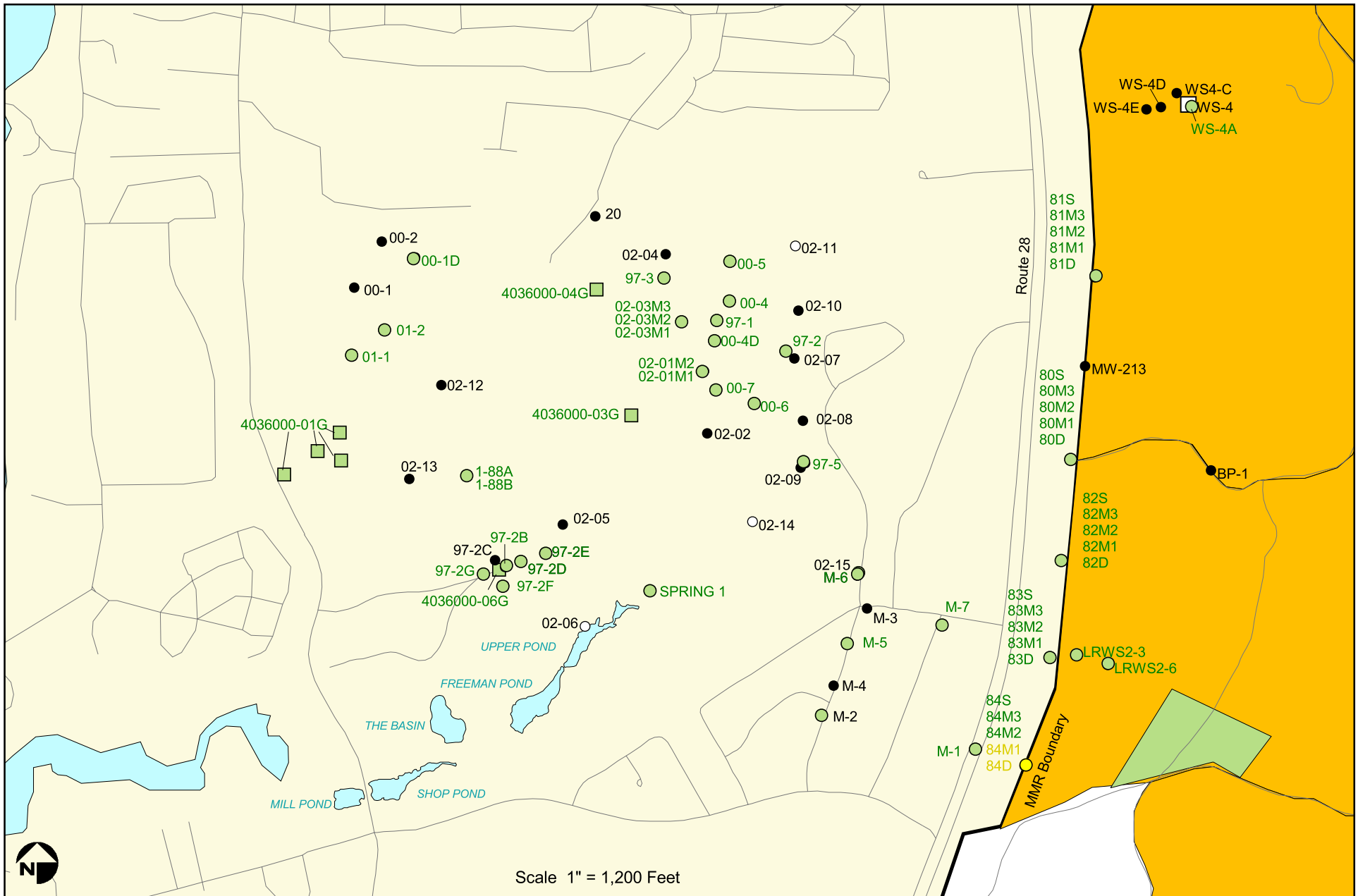
LEGEND

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Water Table Contour (feet above mean sea level)
- Area of RDX Detections greater than 2.0 ppb
- 2.0 ppb RDX Concentration Contour
- Current Gun Position
- Current Mortar Position
- Old Gun Position
- Old Mortar Position
- Military Ranges
- Military Training Areas
- Validated Non-Detect Water Supply Well
- Future Supply Well

IAGWSP Impact Area Groundwater Study Program

Figure 1 - INSET MAP A

Explosives in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 7/26/02



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

amec

August 5, 2002 DRAFT

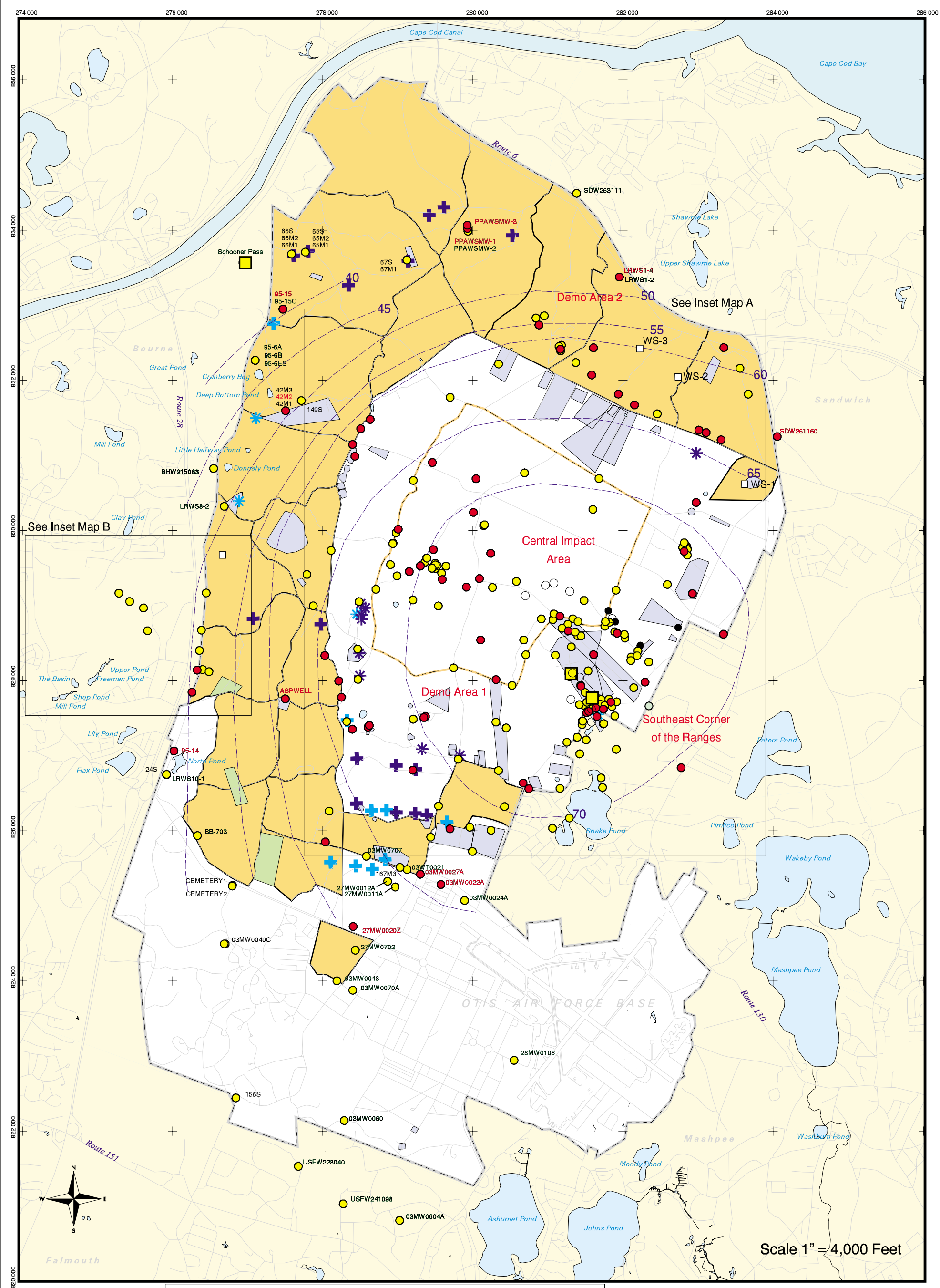
J:\GIS\August2002\monthly_inset_1.pdf
G:\MMR\MMR\ArcVprj\monthly_inset.apr

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

IAGWSP

Figure 1 - INSET MAP B

Explosives in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 7/26/02



LEGEND

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

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

amec August 01, 2002 DRAFT

IAGWSP Impact Area Groundwater Study Program

Figure 2

Metals in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 7/26/02

d:\work\monthly\august2002\metals

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

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

Demo Area 2

Central Impact Area

Demo Area 1

Southeast Corner of the Ranges

45 50 55 60 65 70

WS-1 WS-2 WS-3

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

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

160S 161S 16S 16D
53S 53M3 53M2 53M1 53D
11MW0002 11MW0003 11MW0004 11MW0001
17S 17M3 17M2 17M1 17D
52S 52M3 52M2 52M1 52D
LRMW0003 RW-3 RW-1
62S
54S 54M3 54M2 54M1 54D
55S 55M3 55M2 55M1 55D
63S 63M3 63M2 63M1 63D
10S 10M1 10D
50S 50M3 50M2 50M1 50D
51S 51M3 51M2 51M1 51D
23S 23M3 23M2 23M1 23D
72S
48S 48M3 48M2 48M1 48D
49S 49M3 49M2 49M1 49D
18S 18M2 18M1 18D
41M3 41M2 41M1
43S 43M2 43M1
03S 03M2 03M1 03D
04S
11S
62S 02M2 02M1 02D
05S 05M2 05M1 05D
LRWS4-1
59S 59M2 59M1
26S
39S 39M2 39M1
58MW0018A 58MW0018B 58MW0018C
58MW0007C 58MW0007B 58MW0007E
58MW0017A 58MW0017B 58MW0017C
38S 38M4 38M3 38M2 38M1 38D
58MW0003
58MW0009C 58MW0009E 58MW0010A 58MW0010B
58MW0015A 58MW0015B 58MW0004 58MW0005E
58MW0008E
58MW0011D 58MW0011E
58MW0002 58MW0001 58MW0006E
58MW0016A 58MW0016B 58MW0016C
22S
174S
09S
94S 94M2 94M1
25S
15S 15D
37M3 37M2 37M1
01S 01M2 01M1 01D
40S 40M1
27S
J1P-18 J1P-16 J1P-17 J1P-1
104S 104M2 104M1
08S
71S 71M1
RANGECON
15WT0712 15MW0006 15MW0001 15WT0007 15MW0009 15MW0005 15WT0711
15MW0008 15MW0007 15MW0004 15MW0002
170M3 170M2 170M1
LRWS5-1
12S
192M3 192M2 192M1
MW-229
187S 187M1 187D
06S
164M3 164M2 164M1
118M2 118M1
126S 126M1
188S 188M1
166M3 166M2 166M1
191S 191M2 191M1
29S
J2P-12 MW-230
130S 130M1 130D
119S
117S
SMR-2
137S
120S 120M1
MW-215
57S 57M3 57M2 57M1 57D
168M3 168M2 168M1
58S
136S 136M1
189S
152M2 152M1
07S 07M2 07M1 07D
MW-228
116S
121S 122S
154S 154M1
158S 158M2 158M1
70S 70M1
21S 21M3 21M2 21M1 21D
SMR-4
13S 13D
190M2 190M1
127S
14S
61S
28S 28M2 28M1
46S 46M3 46M2 46M1 46D
47S 47M3 47M2 47M1 47D
69S 69M2 69M1
TEXTRONPW-2
J3P-23 J3P-21
125S 125M1
163S
132S 132M1
193S 193M1
196S 196M1
197M3 197M2 197M1
TEXTRONPW-1
J3P-31
181S 30S
90MW0029B
195S 194M1
90MW0013
90MW0021
90LWA9007
45S 45M2 45M1 146S 146M1
LRWS7-1
131S 131M2 131M1
153M3 153M2 153M1
147M3 147M2 147M1
90WT0013
90WT0003
90WT0015
140M1
RS0047
198M3 198M2 198M1
144S 144M2 144M1
90MW0014
J3P-10
143M3 143M2 143M1
145S 145M1
90MW0038
148S 148M1
90MW0031
90MW0019
90MW0022
J3P-27
142S 142M2 142M1
90WT0005
MW-227
155M2 155M1
157M2 157M1 157D
90MW0003
90MW0054
Opening Pond
20S
34M3 34M2 34M1
36S 36M2 36M1
35S 35M2 35M1
31S
19S 19D
73S
60S
SMR-3
64S 64M2 64M1
68S 68M1
109S
LRWS6-1
90WT0008
56S 56M3 56M2 56M1 56D
03MW0122A
03MW0710
03MW0007A
03MW0006
03MW0014A
03MW0709
03MW0020
151S
150S
ECMWSNP02S ECMWSNP02D
ECMWSNP03S ECMWSNP03D
90WT0010
SP3-91
SP4-91

N W E S

Scale 1" = 1,200 Feet

LEGEND

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

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

amec August 01, 2002 DRAFT

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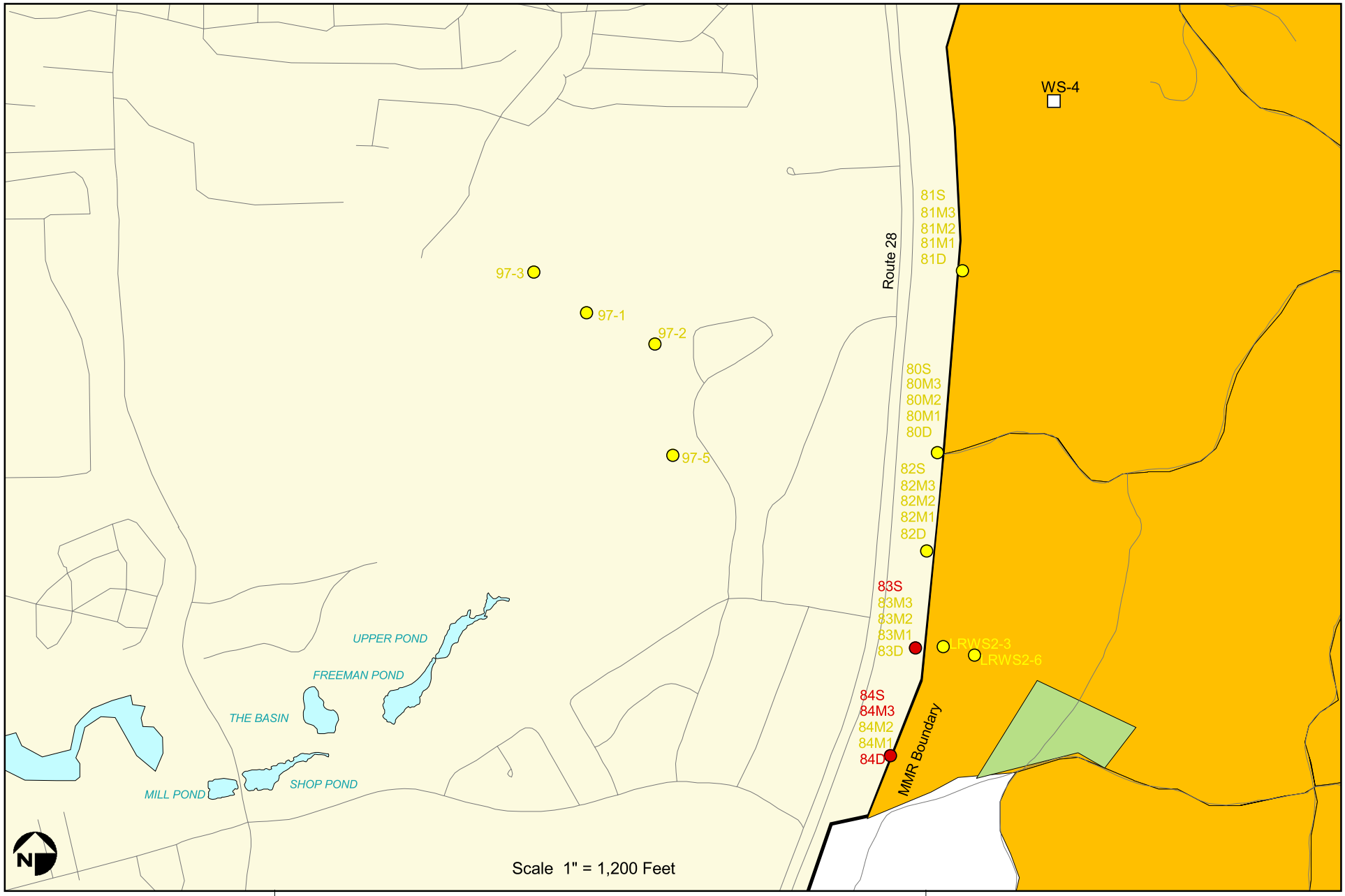
IAGWSP Impact Area Groundwater Study Program

Figure 2 - INSET MAP A

Metals in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 7/26/02



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

amec

August 2, 2002 DRAFT

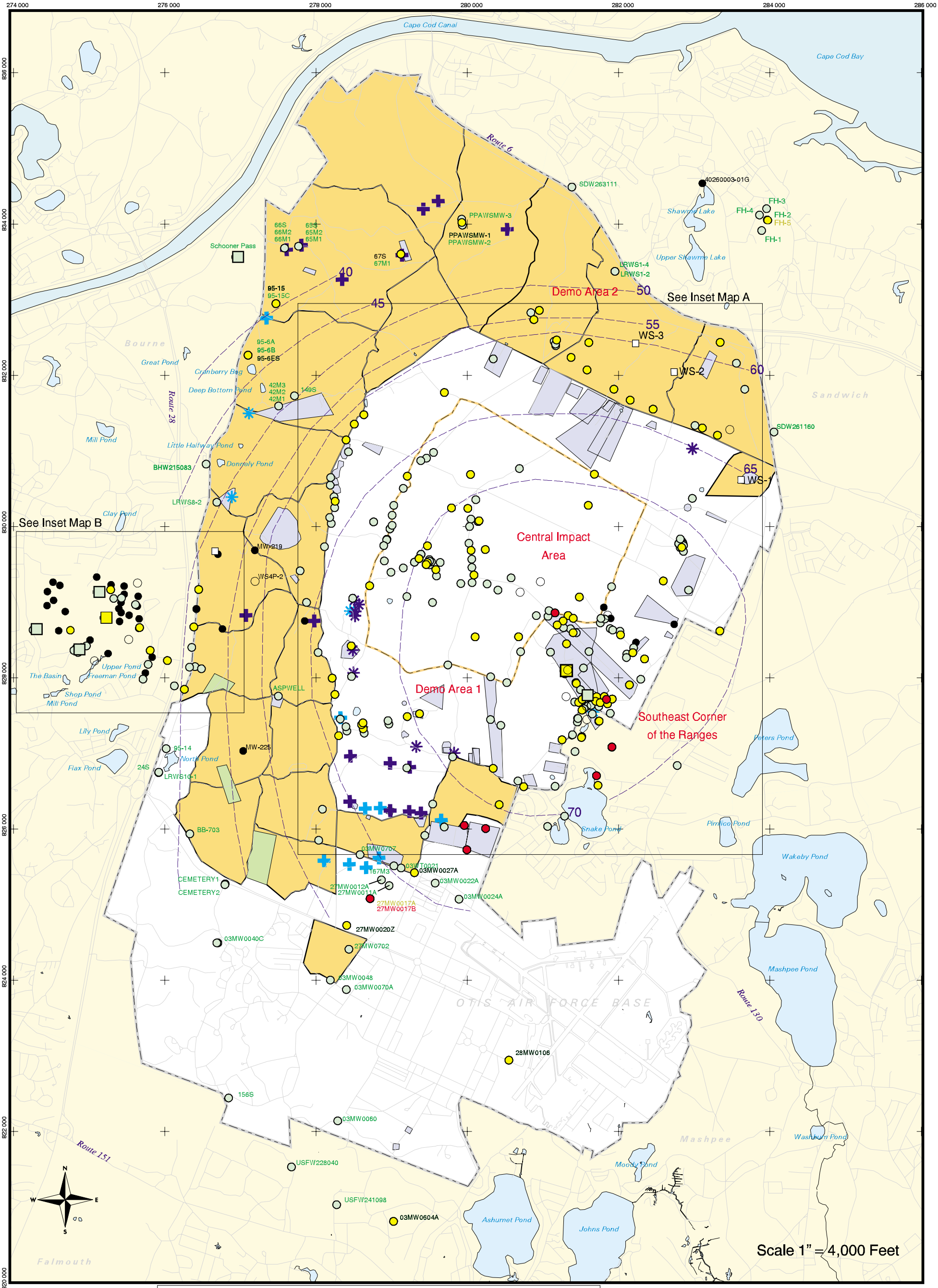
J:\GIS\August2002\monthly_inset_2.pdf
G:\MMR\MMR\ArcVprj\monthly_inset.apr

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

IAGWSP

Figure 2 - INSET MAP B

Metals in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 7/26/02



LEGEND

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

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

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Figure 3

Volatile Organic Compounds (excluding Chloroform) in Groundwater Compared to Maximum Contaminant Level/Health Advisories
Validated Data as of 7/26/02

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

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

Demo Area 2

Central Impact Area

Demo Area 1

Southeast Corner of the Ranges

45 50 55 60 65 70

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

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

160S 161S 16S 16D
11MW0002 11MW0003 11MW0004 11MW0001
53S 53M3 53M2 53M1 53D
17S 17M3 17M2 17M1 17D
52S 52M3 52M2 52M1 52D
54S 54M3 54M2 54M1 54D
55S 55M3 55M2 55M1 55D
63S 63M3 63M2 63M1 63D
48S 48M3 48M2 48M1 48D
49S 49M3 49M2 49M1 49D
18S 18M2 18M1 18D
LRMW0003
WS-3 WS-2 WS-1
RW-3 RW-1
KP-2
62S
10S 10M1 10D
50S 50M3 50M2 50M1 50D
51S 51M3 51M2 51M1 51D
23S 23M3 23M2 23M1 23D
72S
41M3 41M2 41M1
96S 96M2 96M1
97M3 97M2 97M1
03S 03M2 03M1 03D
04S
11S
43S 43M2 43M1
95S 95M2 95M1
103M1 102M2 102M1
108M4 108M3 108M2 108M1 108D
110M3 110M2 110M1
201M3 201M2 201M1
200M2 200M1
135M3 135M2 135M1
22S
58MW0020A 58MW0020B
58MW0018A 58MW0018B 58MW0018C
58MW0007C 58MW0007B 58MW0007E
39S 39M2 39M1
87M3 87M2 87M1
88M2 88M1
111M3 111M2 111M1
58MW0008E
58MW0017A 58MW0017B 58MW0017C
58MW0009C 58MW0009E 58MW0010A 58MW0010B
58MW0011D 58MW0011E
58MW0002 58MW00016A 58MW0016B 58MW0016C
58MW0003
38S 38M4 38M3 38M2 38M1 38D
58MW0015A 58MW0015B 58MW0004 58MW0005E
58MW0001 58MW0006E
09S 94S 94M2 94M1
25S
15S 15M3 15M2 15M1 15D
174S
104S 104M2 104M1
08S
71S 71M1
RANGECON
MW-216
21S 21M3 21M2 21M1 21D
70S 70M1
46S 46M3 46M2 46M1 46D
69S 69M2 69M1
47S 47M3 47M2 47M1 47D
20S
139M3 139M2 139M1
34M3 34M2 34M1
36S 36M2 36M1
114M2 114M1
129M1
35S 35M2 35M1
165M2
77M2 77M1
76S 76M2 76M1
31S
19S 19D
64S 64M2 64M1
151S
150S
03MW0710
03MW0007A
03MW0014A
03MW0006
03MW0709
03MW0020
03MW0122A
68S 68M1
109S
LRWS6-1
90WT0008
56S 56M3 56M2 56M1 56D
07S 07M2 07M1 07D
152M2 152M1
SMR-4
14S
61S
28S 28M2 28M1
SMR-3
60S
98S 99S 26S
101S 101M1
93M2 93M1
91S 91M1
90S
01S 01M2 01M1 01D
37M3 37M2 37M1
85S 85M1
40S 40M1
107M2 107M1
27S
J1P-18
J1P-1
02S 02M2 02M1 02D
113M2 113M1
141S 141M2
59S 59M2 59M1
44S 44M2 44M1
05S 05M2 05M1 05D
12S
192M3 192M2 192M1
LRWS5-1
170M3 170M2 170M1
15MW0008 15MW0007 15MW0004 15MW0002
15WT0712 15MW0006 15MW0001 15WT0007 15MW0009 15MW0005
15WT0711
187S 187M1 187D
164M3 164M2 164M1
188S 188M1
166M3 166M2 166M1
168M3 168M2 168M1
06S
118M2 118M1
126S 126M1
MW-229
J2P-12
MW-230
MW-215
29S
130S 130M1 130D
119S
117S
137S
SMR-2
120S 120M1
58S
191S 191M2 191M1
136S 136M1
189S
13S 13D
190M2 190M1
127S
MW-228
116S
121S
122S
154S 154M1
158S 158M2 158M1
128S 128M2 128M1
J3P-23
TEXTRONPW-2
125S 125M1
163S
132S 132M1
193S 193M1
147M3 147M2 147M1
153M3 153M2 153M1
131S 131M2 131M1
LRWS7-1
90LWA0007
TEXTRONPW-1
90MW0029B
J3P-31
181S
30S
195S
194M1
90MW0013
90WT0013
45S 45M2 45M1
146S 146M1
196S 196M1
197M3 197M2 197M1
198M3 198M2 198M1
144S 144M2 144M1
90MW0021
90MW0014
90WT0003
90WT0015
140M1
J3P-10
143M3 143M2 143M1
90MW0022
145S 145M1
90MW0038
148S 148M1
90MW0031
90MW0019
J3P-27
142S 142M2 142M1
90WT0005
90MW0004
155M2 155M1
157M2 157M1 157D
90MW0003
90MW0005
90MW0054
90WT0010
ECMWSNP002S
ECMWSNP002D
ECMWSNP003S
ECMWSNP003D
SP3-91
SP4-91
57S 57M3 57M2 57M1 57D

Scale 1" = 1,200 Feet

LEGEND

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

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

amec August 02, 2002 DRAFT

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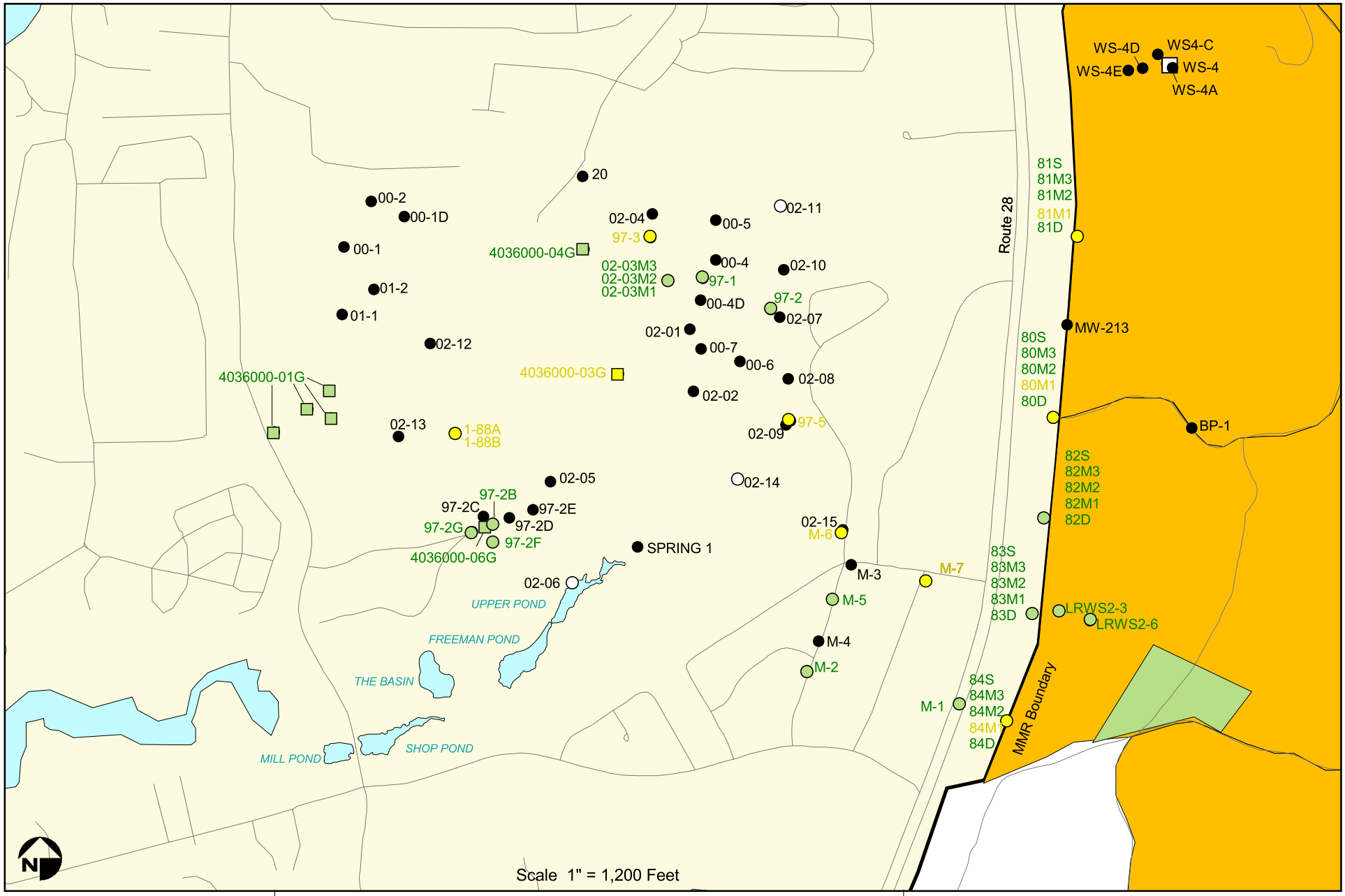
IAGWSP Impact Area Groundwater Study Program

Figure 3 - INSET MAP A

Volatile Organic Compounds (excluding Chloroform) in Groundwater
Compared to Maximum Contaminant Level/Health Advisories
Validated Data as of 7/26/02



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

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August 5, 2002 DRAFT

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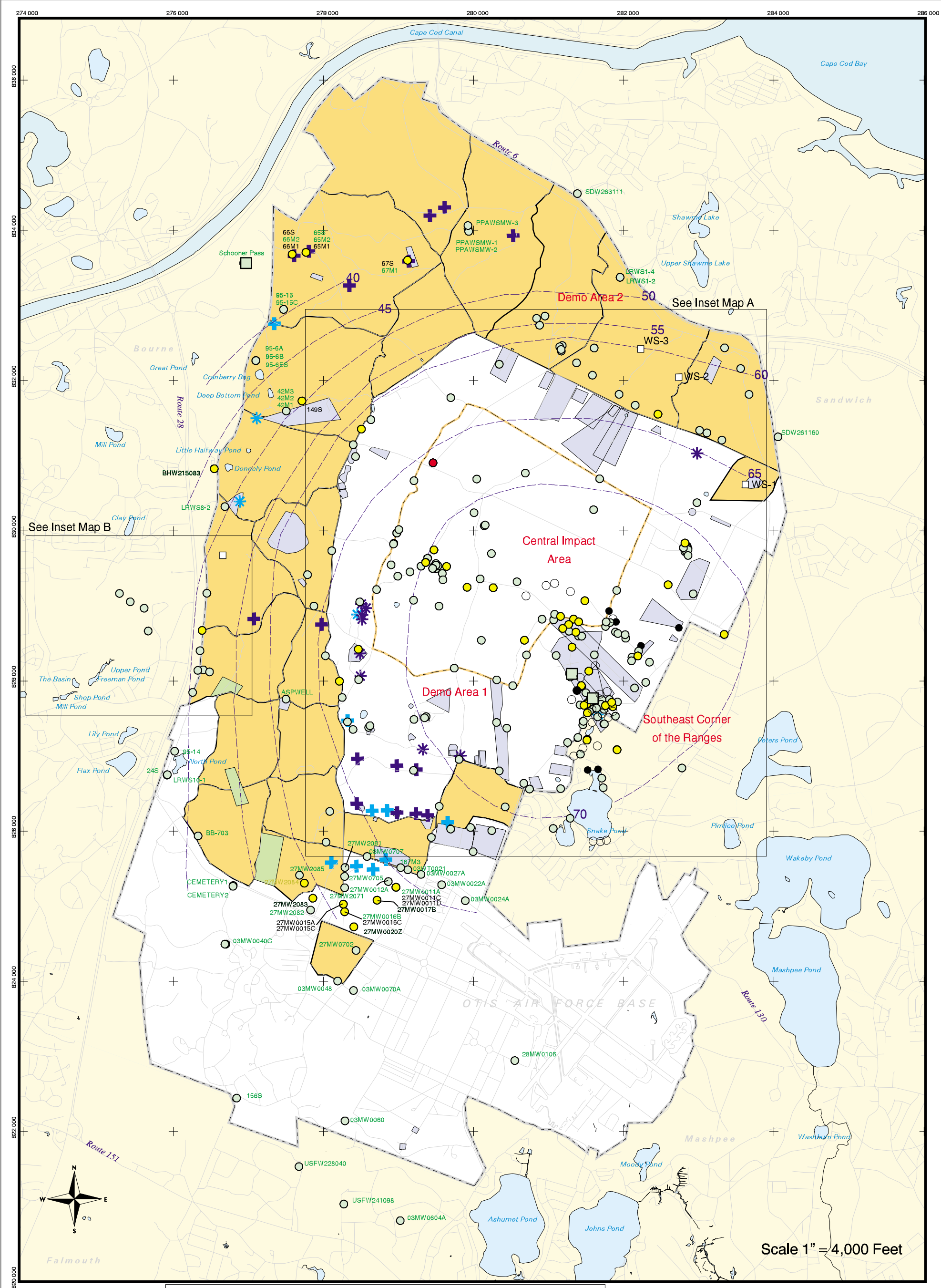
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Validated Non-Detect Water Supply Well
- Future Supply Well
- No Data Available
- Proposed Well
- Combat Training Areas
- MilitaryTraining Areas

IAGWSP

Figure 3 - INSET MAP B

Volatile Organic Compounds (excluding Chloroform) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 7/26/02



LEGEND

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

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

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IAGWSP Impact Area Groundwater Study Program

Figure 5

Semi-Volatile Organic Compounds (excluding BEHP) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 7/26/02

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

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

45 50 55 60 65 70

Demo Area 2

Central Impact Area

Demo Area 1

Southeast Corner of the Ranges

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

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

WS-1 WS-2 WS-3

RW-1 RW-3

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

RANGECON

SMR-2 SMR-3 SMR-4

MW-227 MW-228 MW-229 MW-230 MW-232 MW-215 MW-217 MW-218

J1P-1 J1P-16 J1P-17 J1P-18 J2P-12 J3P-10 J3P-19 J3P-20 J3P-21 J3P-22 J3P-27 J3P-28 J3P-29 J3P-30 J3P-31

LP-5 LP-6 LP-7 LP-8 LP-9 LP-10

TEXTRONPW-1 TEXTRONPW-2

SP3-91 SP4-91

160S 161S 16S 16D

11MW0001 11MW0002 11MW0003 11MW0004

17S 17M3 17M2 17M1 17D

53S 53M3 53M2 53M1 53D

52S 52M3 52M2 52M1 52D

54S 54M3 54M2 54M1 54D

55S 55M3 55M2 55M1 55D

63S 63M3 63M2 63M1 63D

48S 48M3 48M2 48M1 48D

49S 49M3 49M2 49M1 49D

18S 18M2 18M1 18D

62S

10S 10M1 10D

50S 50M3 50M2 50M1 50D

51S 51M3 51M2 51M1 51D

23S 23M3 23M2 23M1 23D

72S

41M3 41M2 41M1

43S 43M2 43M1

03S 03M2 03M1 03D

04S

11S

62S 02M2 02M1 02D

59S 59M2 59M1

26S

05S 05M2 05M1 05D

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

15MW0008 15MW0007 15MW0004 15MW0002

170M3 170M2 170M1

12S

192M3 192M2 192M1

187S 187M1 187D 164M3 164M2 164M1 188S 188M1

06S

118M2 118M1 126S 126M1 166M3 166M2 166M1 168M3 168M2 168M1

07S 07M2 07M1 07D

152M2 152M1

58S 191S 191M2 191M1 136S 136M1 189S

29S 119S 130S 130M1 130D 117S 137S 120S 120M1 116S 121S 154S 154M1 122S 158S 158M2 158M1

13S 13D 190M2 190M1 127S

128S 128M2 128M1 125S 125M1 163S 132S 132M1 193S 193M1 196S 196M1 197M3 197M2 197M1 198M3 198M2 198M1 144S 144M2 144M1 143M3 143M2 143M1 90MW0022 142S 142M2 142M1 181S 90S 195S 194M1 90MW0013 90MW0021 90MW0014 145S 145M1 148S 148M1 90MW0038 90MW0031 90MW0019 90WT0005 155M2 155M1 157M2 157M1 157D 90MW0004 90MW0003 90MW0005 90MW0054 90WT0008 56S 56M3 56M2 56M1 56D

147M3 147M2 147M1 153M3 153M2 153M1 131S 131M2 131M1 90LWS0007 45S 45M2 45M1 146S 146M1 90WT0013 90WT0003 LP-5 90WT0015 140M1

90MW0039B 90MW0013

90WT0010

ECMWSNP02S ECMWSNP02D ECMWSNP03S ECMWSNP03D

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

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

39S 39M2 39M1 38S 38M4 38M3 38M2 38M1 38D 94S 94M2 94M1 09S 15S 15D 25S 37M3 37M2 37M1 01S 01M2 01M1 01D 40S 40M1 27S 104S 104M2 104M1 08S 44S 44M2 44M1 68S 68M1 109S 64S 64M2 64M1 60S

22S 174S 71S 71M1 70S 70M1 21S 21M3 21M2 21M1 21D 46S 46M3 46M2 46M1 46D 69S 69M2 69M1 47S 47M3 47M2 47M1 47D 20S 34M3 34M2 34M1 36S 36M2 36M1 35S 35M2 35M1 31S 19S 19D 73S 14S 61S 28S 28M2 28M1 151S 150S

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

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LEGEND

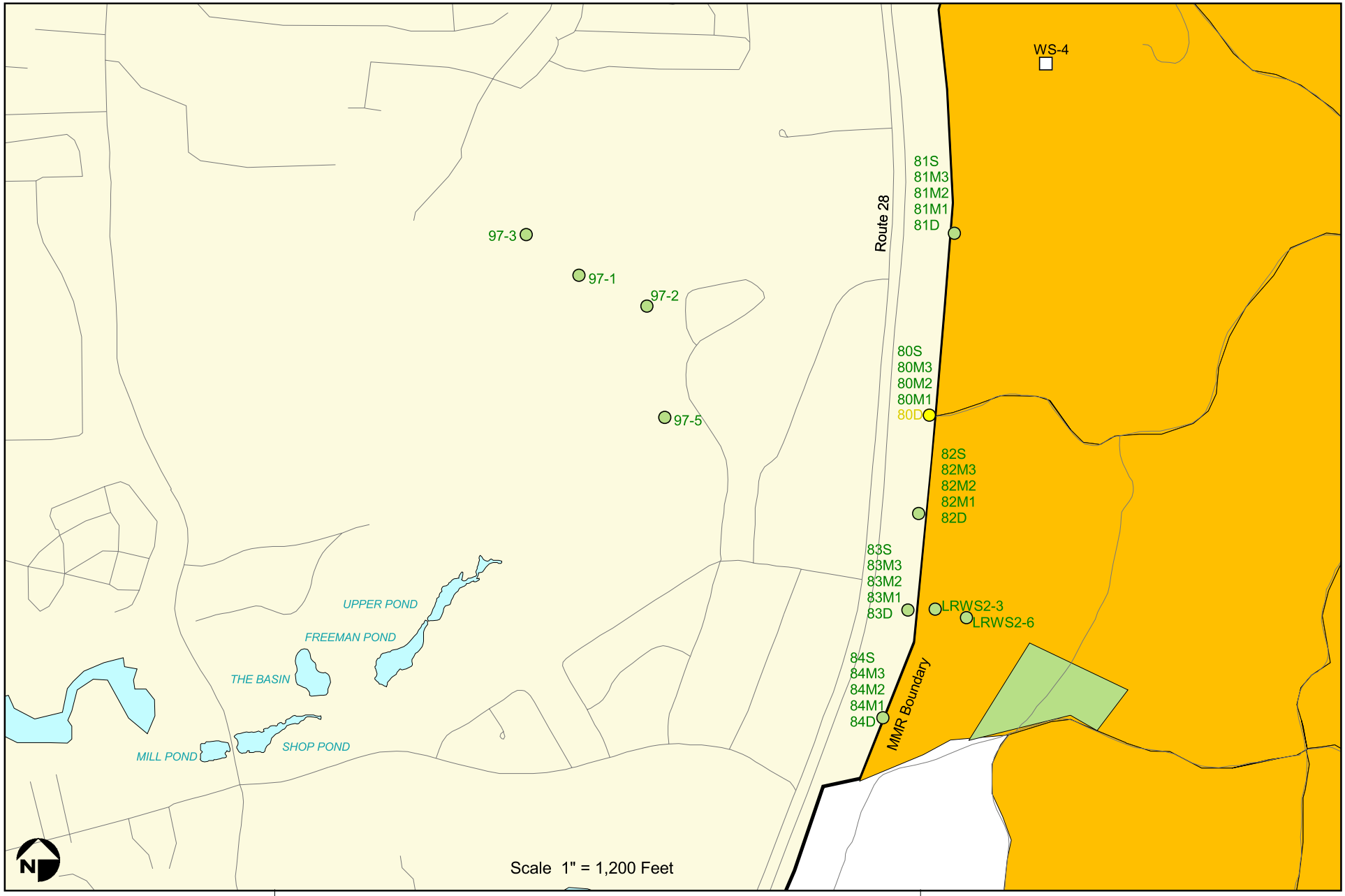
- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection less than Maximum Contaminant Level/Health Advisories
- Validated Non-detect
- No Data Available
- Proposed Well
- Water Table Contour (feet above mean sea level)
- Current Gun Position
-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

Scale 1" = 1,200 Feet

IAGWSP Impact Area Groundwater Study Program

Figure 5 - INSET MAP A

Semi-Volatile Organic Compounds (excluding BEHP) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 7/26/02



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

amec August 5, 2002 DRAFT

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

IAGWSP Impact Area Groundwater Study Program

Figure 5 - INSET MAP B

Semi-Volatile Organic Compounds (excluding BEHP) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 7/26/02

274 000 276 000 278 000 280 000 282 000 284 000 286 000

836 000 834 000 832 000 830 000 828 000 826 000 824 000 822 000 820 000

Cape Cod Canal
Cape Cod Bay
Route 6
Shawme Lake
Upper Shawme Lake
Schooner Pass
Bourne
Great Pond
Cranberry Bog
Deep Bottom Pond
Route 28
Mill Pond
Little Halfway Pond
Donnely Pond
Clay Pond
Sandwich
The Basin
Upper Pond
Freeman Pond
Shop Pond
Mill Pond
Lily Pond
Flax Pond
North Pond
Snake Pond
Pimlico Pond
Wakeby Pond
Mashpee Pond
Peters Pond
Washburn Pond
Mashpee
Moody Pond
Ashumet Pond
Johns Pond
Falmouth
Route 151
Route 130
OTIS AIR FORCE BASE

SDW263111
PPAWSMW-3
PPAWSMW-1
PPAWSMW-2
66S
66M2
66M1
65S
65M2
65M1
67S
67M1
LRWS1-4
LRWS1-2
95-15
95-15C
95-6A
95-6B
95-6ES
42M3
42M2
42M1
149S
SDW261160
BHW215083
LRWS8-2
ASPWELL
95-14
24S
LRWS10-1
BB-703
03MW0707
167M3
03MW0021
03MW0027A
03MW0022A
03MW0024A
CEMETERY1
CEMETERY2
27MW0012A
27MW0011A
27MW0017A
27MW0017B
27MW0020Z
27MW0702
03MW0040C
03MW0048
03MW0070A
28MW0106
156S
03MW0060
USFW228040
USFW241098
03MW0604A

40 45 50 55 60 65 70

WS-3 WS-2 WS-1

Demo Area 2
Demo Area 1
Central Impact Area
Southeast Corner of the Ranges

See Inset Map A
See Inset Map B

N W E S

Scale 1" = 4,000 Feet

LEGEND

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

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

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Figure 7

Herbicides and Pesticides in Groundwater
Compared to
Maximum Contaminant Level/Health Advisories
Validated Data as of 7/26/02

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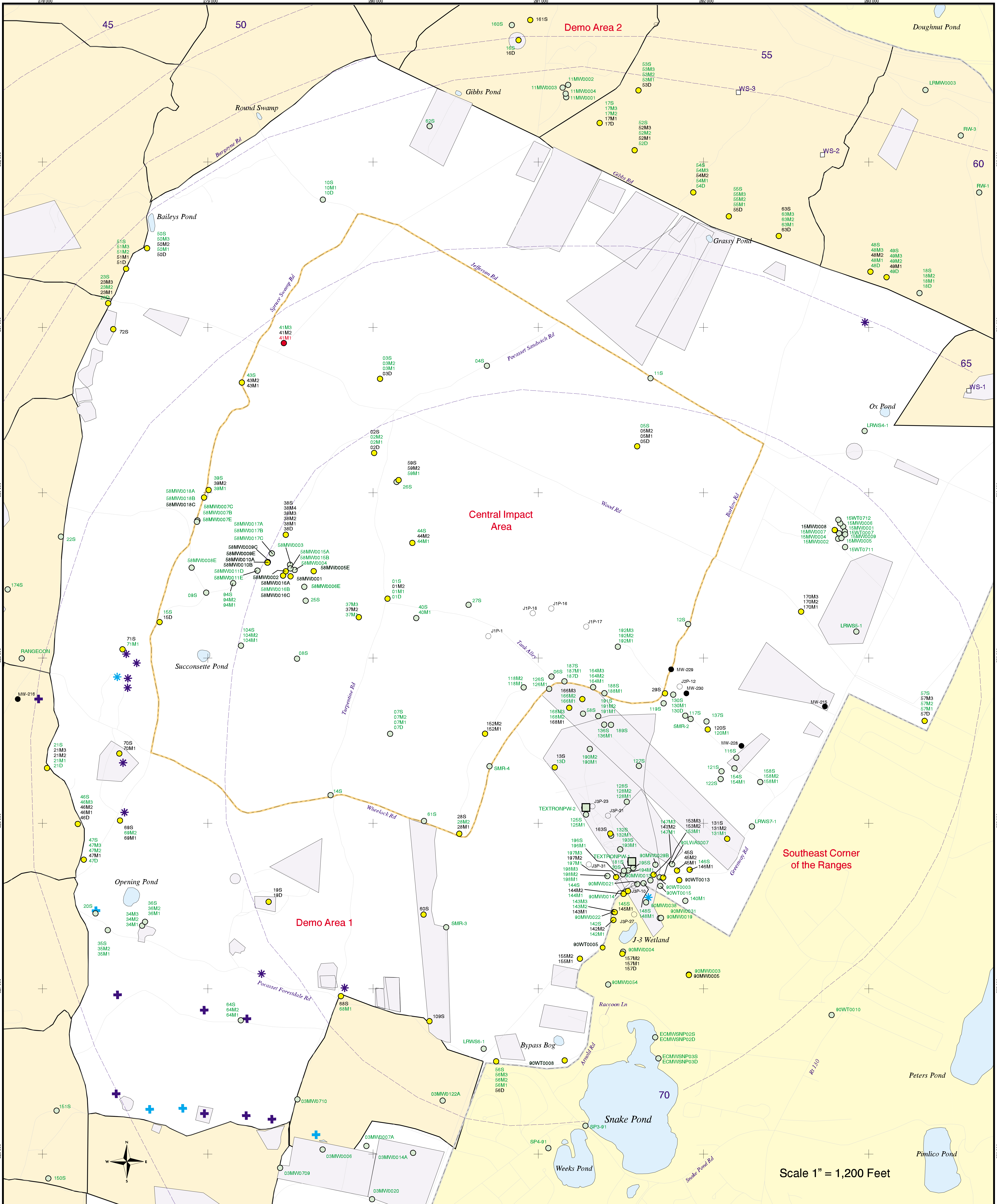

Sources & Notes
Base data from US Geological Survey
7 1/2 minute Topographic Maps.
Source: MassGIS

amec August 05, 2002 DRAFT

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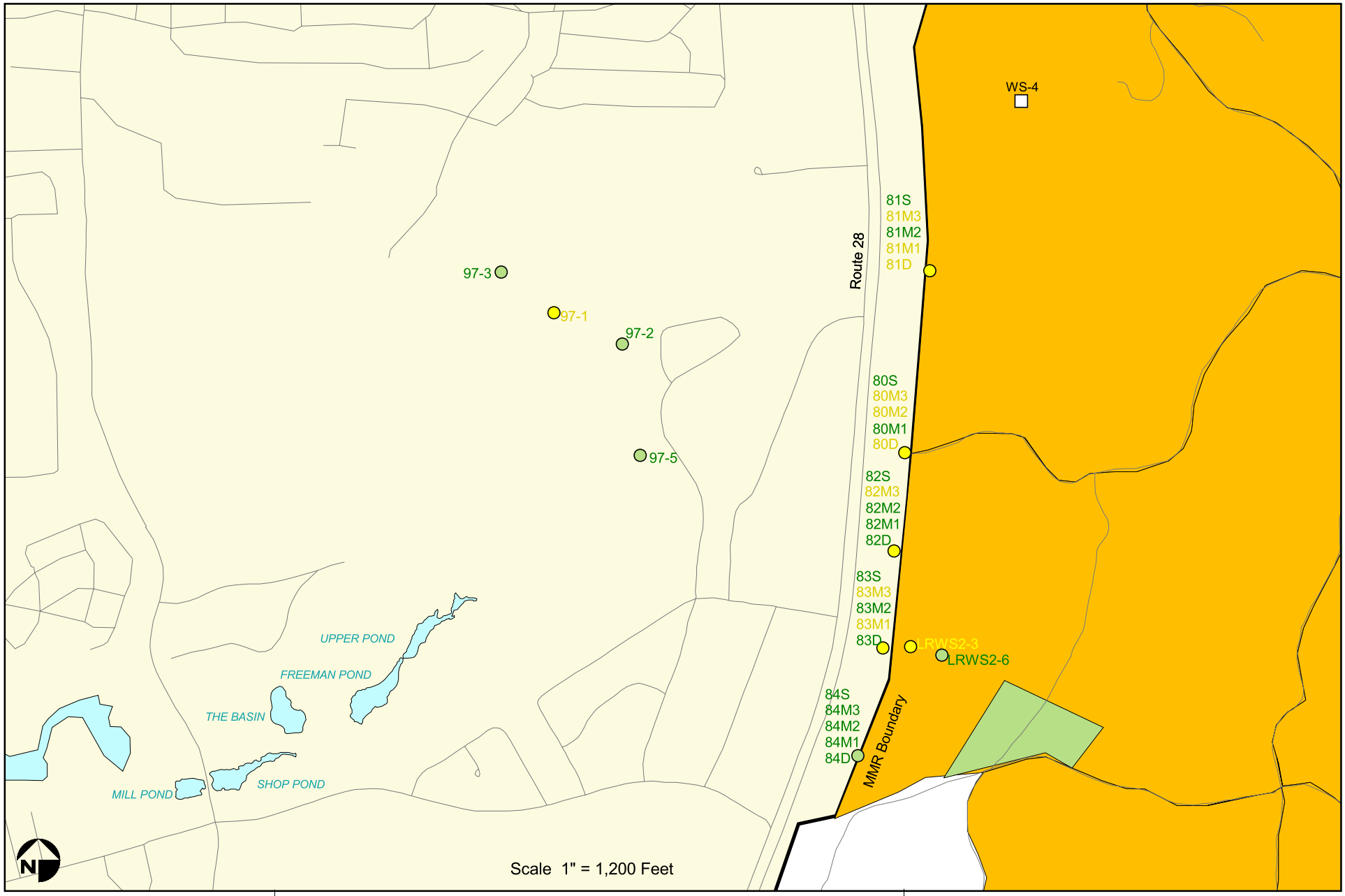
LEGEND

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

IAGWSP Impact Area Groundwater Study Program

Figure 7 - INSET MAP A

Herbicides and Pesticides in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 7/26/02



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

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

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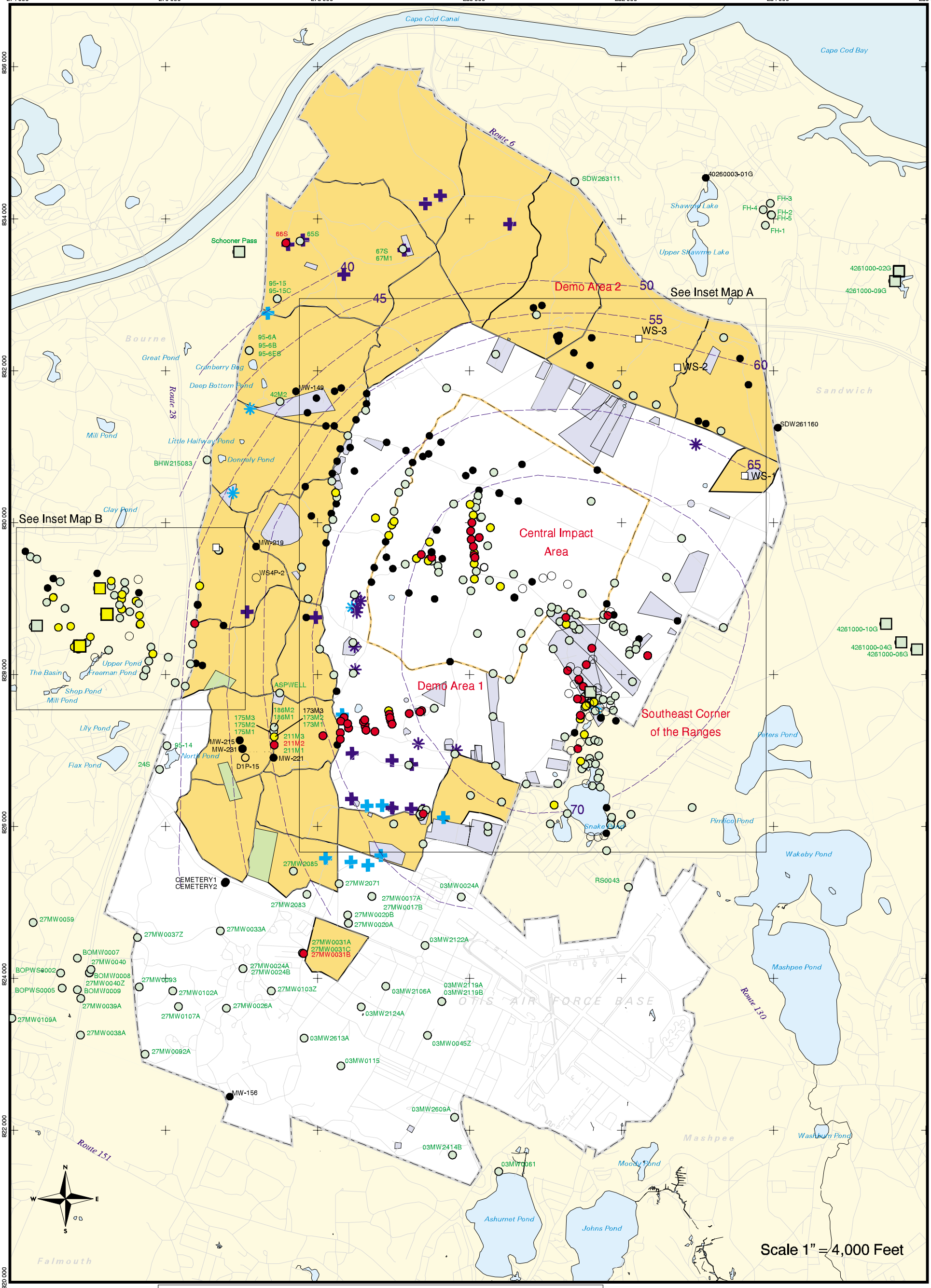
Figure 7 - INSET MAP B

Herbicides and Pesticides in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 7/26/02



LEGEND

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

Scale 1" = 4,000 Feet

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

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IAGWSP Impact Area Groundwater Study Program

Figure 8
Perchlorate in Groundwater
Compared to EPA MMR Relevant Standard
Validated Data as of 7/26/02

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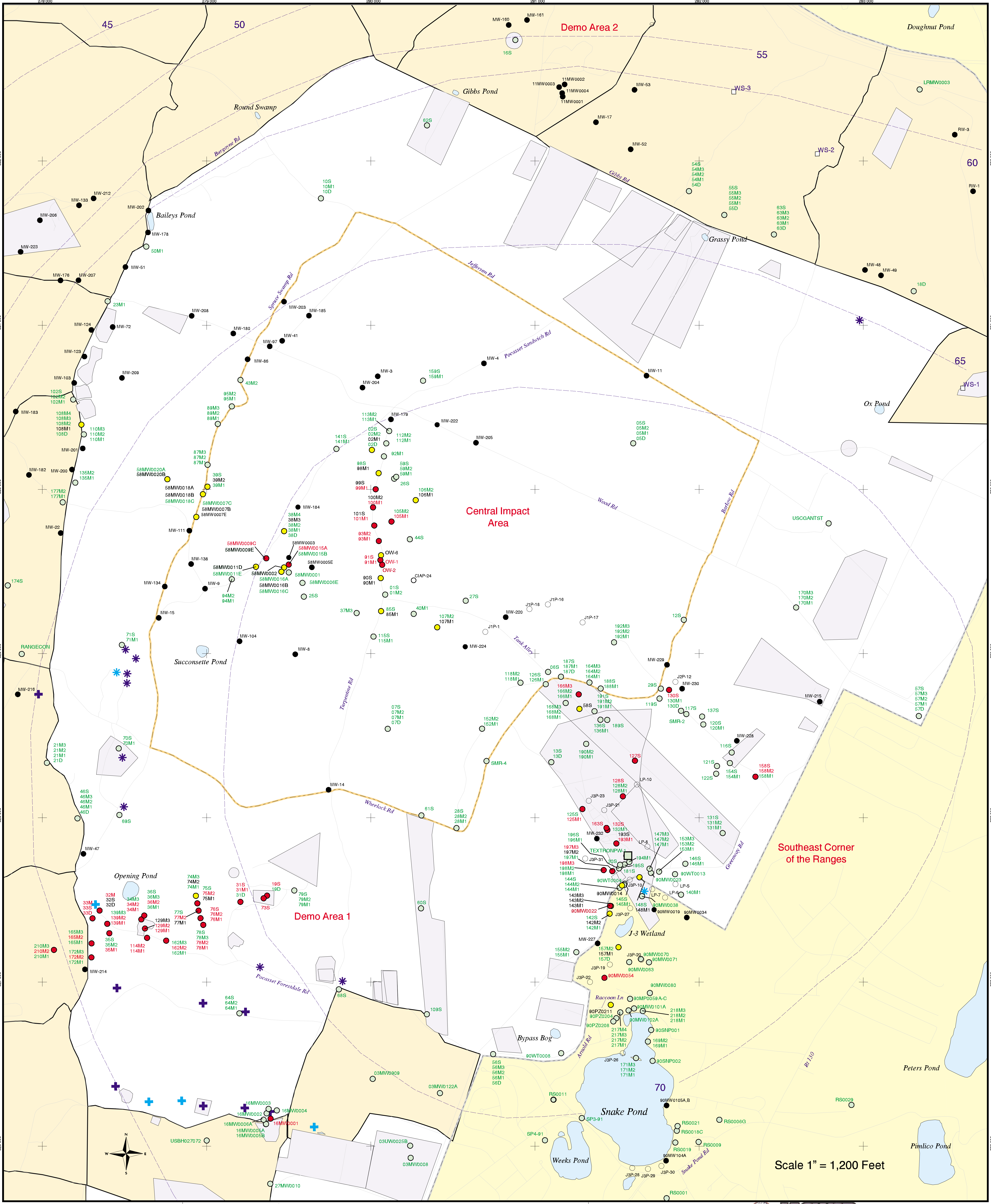

LEGEND

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

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

amec

August 01, 2002 DRAFT

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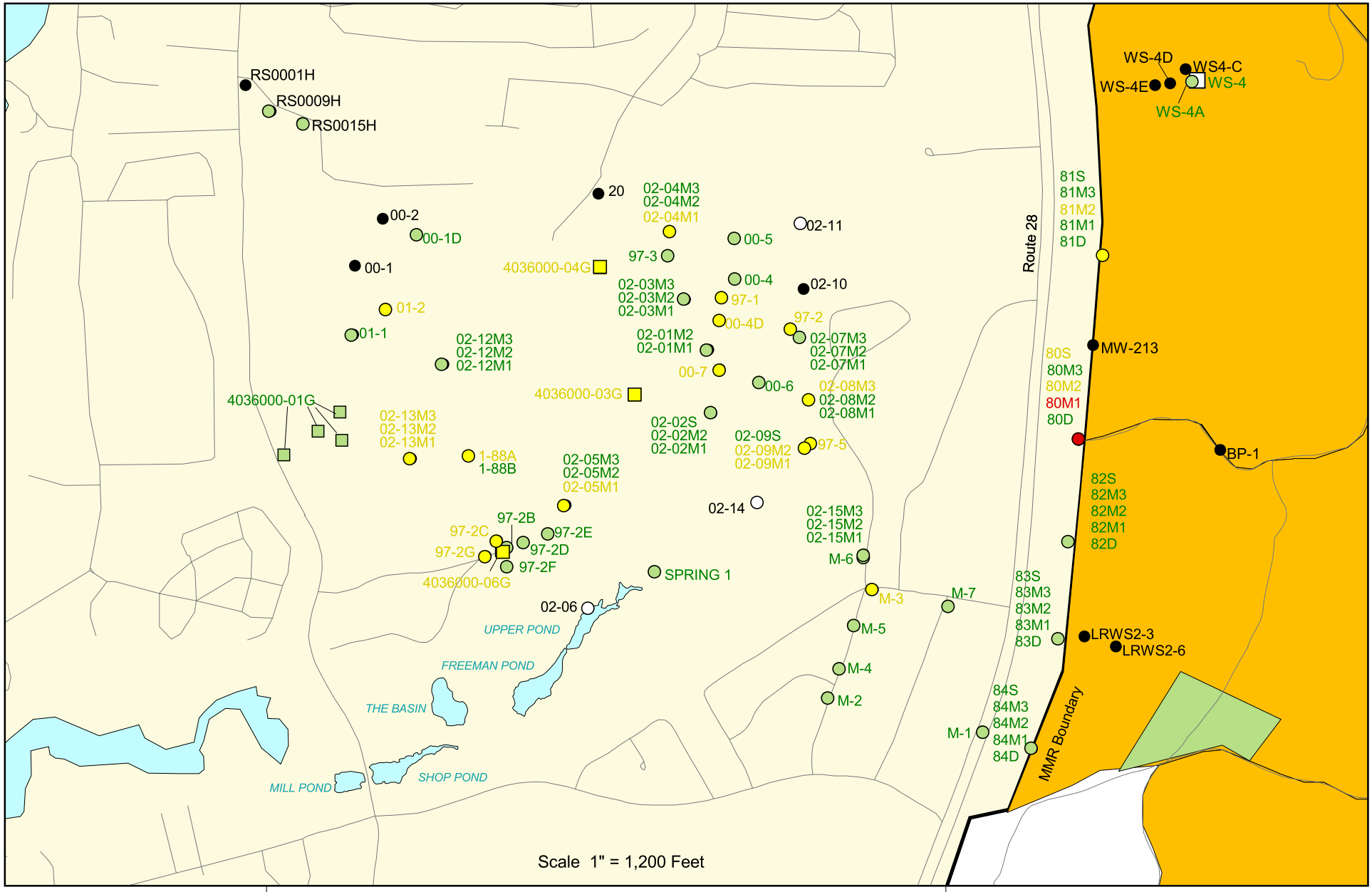
IAGWSP
Impact Area Groundwater Study Program

Figure 8 - INSET MAP A

Perchlorate in Groundwater
Compared to EPA MMR Relevant Standard
Validated Data as of 7/26/02



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

amec

August 5, 2002 DRAFT

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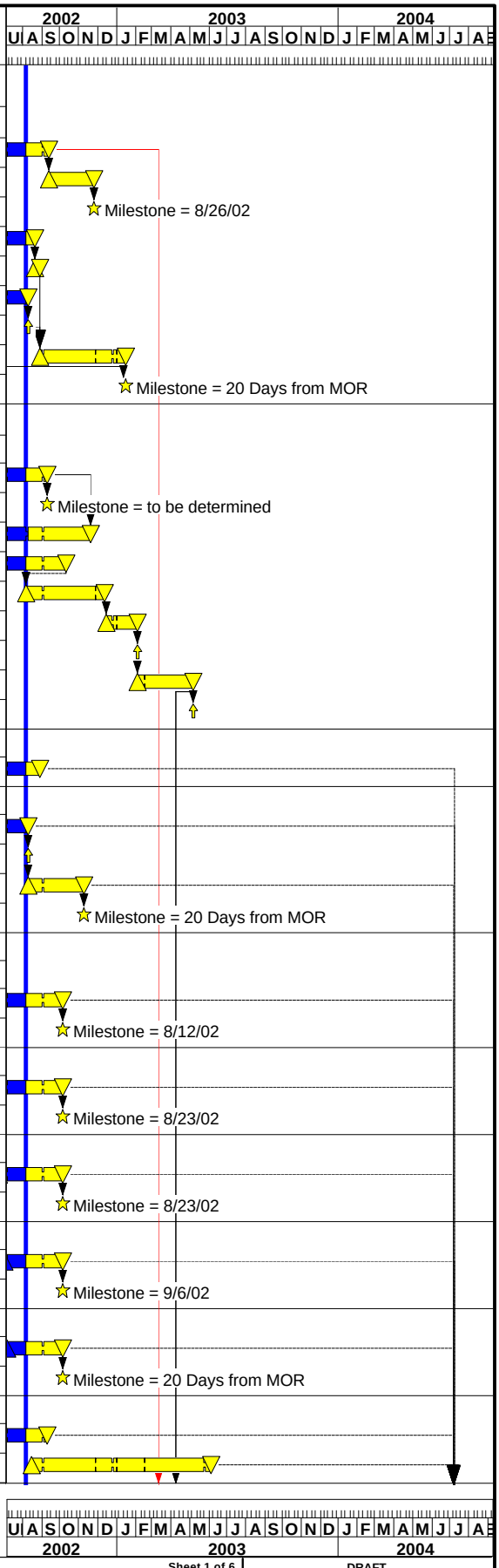
- Validated Detection Greater than or Equal to EPA MMR Relevant Standard
- Validated Detection Less than EPA MMR Relevant Standard
- Validated Non-Detect
- Validated Detection Less than EPA MMR Relevant Standard
- Validated Non-Detect Water Supply Well
- No Data Available
- Future Supply Well
- Proposed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

IAGWSP

Figure 8 - INSET MAP B

Perchlorate in Groundwater
Compared to EPA MMR Relevant Standard
Validated Data as of 7/26/02

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Site Characterization (AO1)					
Demo Area 1					
00190	Additional GW Delineation		27	26NOV01A	11SEP02
00193	Prepare GW Report Addendum		53	12SEP02	25NOV02
00194	Draft GW Report Addendum	YES	0		25NOV02
00169	Guard Prepare/Submit MORs 01-10		12	01MAR02A	20AUG02
00171	Agencies Approve MORs 01-10		5	21AUG02	27AUG02
00176	Agencies Comment on Env Risk Report		5	08APR02A	09AUG02
00177	Agencies Approve MOR Env Risk Rep		0		09AUG02
00172	Guard Prepare Final Soil Report		96	28AUG02	14JAN03
00159	Demo 1 Final Soil Report	YES	0		14JAN03
Central Impact Area					
Groundwater Plume Delineation					
00285	Install 17 Additional Well Nests		25	13DEC01A	09SEP02
00287	Complete 17 Additional Well Nests	YES	0		09SEP02
02005	Sample/Analyze/Validate 25 Additional		71	31OCT01A	18NOV02
02010	Sample/Analyze/Validate ClO4		48	11APR02A	10OCT02
02015	Sample/Analyze/Validate 8/02 LTGM		93	05AUG02	13DEC02
02020	Prepare GW Report (MCP Ph.II)		35	16DEC02	04FEB03
02025	Submit Draft GW Report (MCP Ph.II)		0		04FEB03
02030	Revise GW Report (MCP Ph.II)		65	05FEB03	07MAY03
02035	Submit Final GW Report (MCP Ph.II)		0		07MAY03
Impact Area Targets (Phase 2)					
01860	Lab Analysis/Data Validation		19	03JUN02A	29AUG02
High Use Target Area 1					
01190	HUTA Revise Draft Report		3	01NOV01A	07AUG02
01191	Submit Revised Draft Final Report		0		07AUG02
01192	Revise Revised Draft Final Report		65	08AUG02	07NOV02
01195	HUTA Final Report	YES	0		07NOV02
High Use Target Area 2					
Site #1					
01908	Revise Draft Report		44	03MAY02A	04OCT02
01909	Submit Final Report	YES	0		04OCT02
Site #2					
01918	Revise Draft Report		44	05JUN02A	04OCT02
01919	Submit Final Report	YES	0		04OCT02
Site #3					
01928	Revise Draft Report		44	20JUN02A	04OCT02
01929	Submit Final Report	YES	0		04OCT02
Site #4					
01938	Revise Draft Report		44	27JUN02A	04OCT02
01939	Submit Final Report	YES	0		04OCT02
Site #5					
01948	Revise Draft Report		44	05JUL02A	04OCT02
01949	Submit Final Report	YES	0		04OCT02
Soil Report					
00211	Perchlorate Soil Sampling		26	20MAY02A	10SEP02
00213	Ecological Investigation		203	15AUG02*	03JUN03



Project Start 29FEB00
Project Finish 20NOV06
Data Date 05AUG02
Run Date 02AUG02

Early Bar
Progress Bar

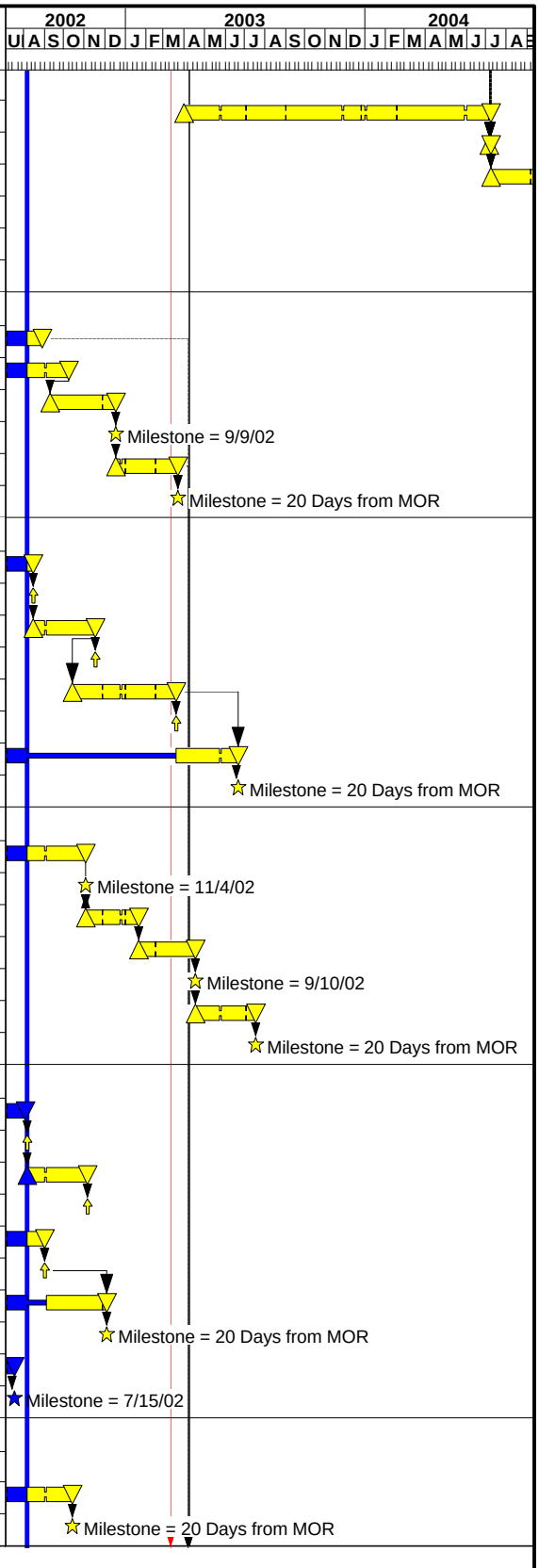
UBER

Figure 9
Revised Combined Schedule for the Impact Area GW Study Program as of 8/5/02

DRAFT

Date	Revision	Checked	Approved

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Soil Report					
00216	UXO/OE Additional Characterization		323	01APR03*	07JUL04
00260	Coordination Meeting CIA Soil Report		1	07JUL04	07JUL04
00261	Final Revisions CIA Soil Report		60	08JUL04	30SEP04
00262	Submit Draft Final CIA Soil Report	YES	0		30SEP04
00263	Revise Draft Final CIA Soil Report		65	01OCT04	03JAN05
00292	Final Soil Report	YES	0		03JAN05
J-1/J-3 Range					
00497	Additional Delineation Rev. Draft Report		19	24MAY02A	29AUG02
00485	Additional Delineation Investigation		45	27MAR02A	07OCT02
00486	J1/J3/L Range Draft Final Rep. Prep.		70	10SEP02	17DEC02
00487	J1/J3/L Range Draft Final Report	YES	0		17DEC02
00488	Revise J1/J3/L Range Draft Final Rep.		65	18DEC02	21MAR03
00489	J1/J3/L Range Final Report	YES	0		21MAR03
Gun/Mortar Positions					
00570	Additional Characterization G/M		9	22APR02A	15AUG02
00575	Submit Final COCs/Draft ADWP		0		15AUG02
00577	Revise G/M Draft ADWP		65	16AUG02	15NOV02
00578	Submit G/M Final ADWP		0		15NOV02
00580	Additional Delineation G/M Positions		110	14OCT02	20MAR03
00585	Submit Draft Final G/M Report		0		20MAR03
00549	Gun/Mortar Rev. Draft Final		65	01AUG01A	20JUN03
00550	Gun/Mortar Final Report	YES	0		20JUN03
Training Areas					
00860	Training Areas Background		64	20MAR00A	01NOV02
00862	Start Training Areas Fieldwork	YES	0	04NOV02	
00864	Training Areas Fieldwork		54	04NOV02	21JAN03
00870	Training Areas Report Preparation		60	22JAN03	16APR03
00880	Submit Training Areas Draft Report	YES	0		16APR03
00890	Training Areas Rev. Draft Report		65	17APR03	18JUL03
00895	Training Areas Final Report	YES	0		18JUL03
Phase II(b)					
01552	Prepare Draft SAR Report		0	09MAY02A	02AUG02A
01553	Submit Draft SAR Report		0		05AUG02
01554	Revise Draft SAR Report		65	05AUG02A	05NOV02
01555	Submit SAR Final Report		0		05NOV02
01558	Prepare Draft Final 2b Report		20	09MAY02A	30AUG02
01559	Submit Draft Final 2b Report		0		30AUG02
01560	Revise Draft Final 2b Report		65	20AUG01A	03DEC02
01570	Phase II(b) Final Report	YES	0		03DEC02
01576	Revise Draft Report		0	24JAN02A	15JUL02A
01578	Former A/K/Demo 2 Final Report	YES	0		15JUL02A
Munition Survey Project					
MSP Phase I					
01625	Revise Revised MSP Phase I Draft		50	04SEP01A	14OCT02
01630	Submit MSP Phase I Final Report	YES	0		14OCT02



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

Project Start 29FEB00
Project Finish 20NOV06
Data Date 05AUG02
Run Date 02AUG02

Early Bar
Progress Bar

UBER

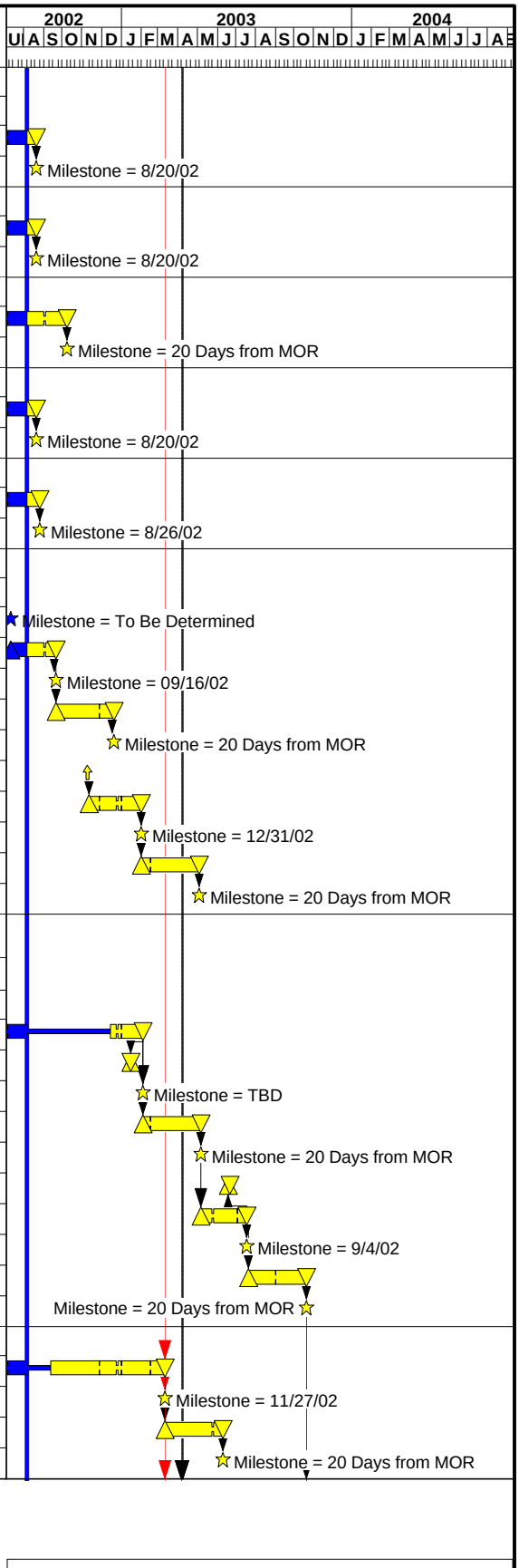
Figure 9
Revised Combined Schedule for the Impact Area GW Study Program as of 8/5/02

Sheet 2 of 6

DRAFT

Date	Revision	Checked	Approved

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
MSP Phase II					
Demo 1 Validation					
01712	Approve MOR & Finalize		12	16APR02A	20AUG02
01719	Submit Final Report	YES	0		20AUG02
Slit Trench Validation					
01728	Revise Draft Report		12	07NOV01A	20AUG02
01729	Submit Final Report	YES	0		20AUG02
ASP Geophysics					
01742	Approve MOR & Finalize		46	15APR02A	08OCT02
01749	Submit Final Report	YES	0		08OCT02
Former K Range					
01752	Approve MOR & Finalize		12	08APR02A	20AUG02
01759	Submit Final Report	YES	0		20AUG02
Former A Range					
01762	Approve MOR & Finalize		16	11APR02A	26AUG02
01769	Submit Final Report	YES	0		26AUG02
MSP Phase III					
CIA MSP Sites #1 and #2					
01794	Complete Fieldwork	YES	0		11JUL02A
01795	Prepare Eastern Test Site Report		33	11JUL02A	19SEP02
01797	Eastern Test Site Draft Report	YES	0		19SEP02
01798	Revise Eastern Test Site Draft Report		65	20SEP02	20DEC02
01799	Submit Eastern Test Site Final Report	YES	0		20DEC02
01802	SCAR Site Complete Fieldwork		0		08NOV02
01803	Prepare SCAR Site Report		57	11NOV02	31JAN03
01804	SCAR Site Draft Report	YES	0		31JAN03
01805	Revise SCAR Site Draft Report		65	03FEB03	05MAY03
01806	Submit SCAR Site Final Report	YES	0		05MAY03
Feasibility Studies (AO3)					
Demo Area 1					
Soil Operable Unit					
21190	Revise Draft FS Screening Report		35	22JUN01A	04FEB03
21191	Coordination Meeting		1	15JAN03	15JAN03
21193	Submit Draft Final Demo 1 FSSR	YES	0		04FEB03
21194	Revise Draft Final Demo 1 FSSR		65	05FEB03	07MAY03
21200	Final FS Screening Report	YES	0		07MAY03
21270	FS Scoping Meeting		1	20JUN03	20JUN03
21310	FS Preparation		50	08MAY03	18JUL03
21320	Draft FS	YES	0		18JUL03
21330	Revise Draft FS		65	21JUL03	20OCT03
21340	Final FS	YES	0		20OCT03
Groundwater Operable Unit					
21670	Revise Draft FS		125	02OCT01A	11MAR03
21675	Draft Final FS	YES	0		11MAR03
21678	Revise Draft Final FS		65	12MAR03	11JUN03
21680	Final FS	YES	0		11JUN03



Project Start 29FEB00
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Figure 9
Revised Combined Schedule for the Impact Area GW Study Program as of 8/5/02

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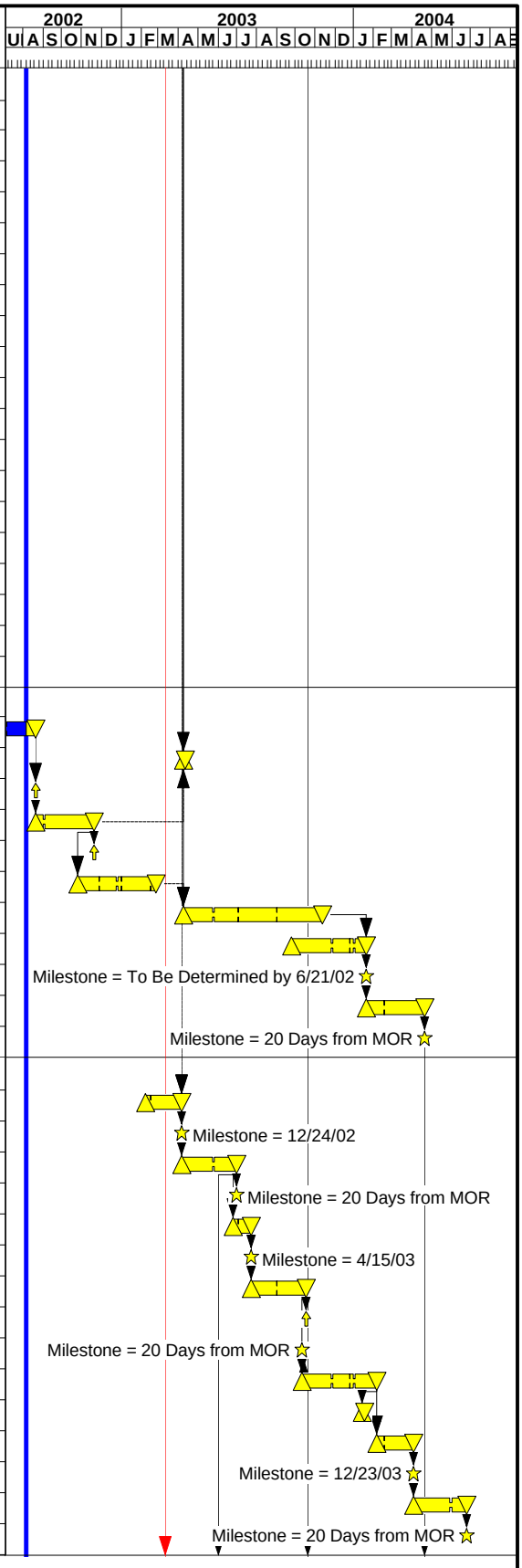
Date	Revision	Checked	Approved

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
Central Impact Area					
Soil Operable Unit					
22110	FS Screening Report Preparation		40	06DEC04	31JAN05
22112	Scoping Meeting for FSSR		1	03DEC04	03DEC04
22120	Draft FS Screening Report	YES	0		31JAN05
22130	Revise Draft FS Screening Report		65	01FEB05	02MAY05
22140	Final FS Screening Report	YES	0		02MAY05
22150	Post-Screening Invest. Workplan Prep.		22	26APR05	25MAY05
22160	Draft Post-Screening Invest. Workplan	YES	0		25MAY05
22170	Revise Draft PSI Workplan		65	26MAY05	24AUG05
22180	Final Post-Screening Workplan		0		24AUG05
22190	Start Post-Screening Investigation	YES	0	28JUL05	
22200	Post-Screening Investigation		80	28JUL05	16NOV05
22202	FS Scoping Meeting		1	27OCT05	27OCT05
22210	FS Preparation		40	17NOV05	11JAN06
22220	Draft FS	YES	0		11JAN06
22230	Revise Draft FS		65	12JAN06	12APR06
22240	Final FS	YES	0		12APR06
22250	(Draft FS if no PSI)		60	05APR05	27JUN05
22260	(Final FS if no PSI)		65	28JUN05	26SEP05
Groundwater Operable Unit					
22390	Post-Screening Investigation		12	21SEP01A	20AUG02
22391	FS Scoping Meeting		1	10APR03	10APR03
22392	Draft Pump Test Report		0		20AUG02
22394	Review/Approve Pump Test Report		65	21AUG02	20NOV02
22395	Submit Final Pump Test Report		0		20NOV02
22396	Update Regional GW Model		85	24OCT02	25FEB03
22398	GW Flow/Transport Modeling		151	10APR03	11NOV03
22400	FS Preparation		80	25SEP03	19JAN04
22410	Draft FS	YES	0		19JAN04
22420	Revise Draft FS		65	20JAN04	20APR04
22430	Final FS	YES	0		20APR04
SE Corner of Ranges					
23110	FS Screening Report Preparation		40	07FEB03	04APR03
23120	Draft FS Screening Report	YES	0		04APR03
23130	Revise Draft FS Screening Report		60	07APR03	30JUN03
23140	Final FS Screening Report	YES	0		30JUN03
23150	Post-Screening Invest. Workplan Prep.		22	24JUN03	24JUL03
23160	Draft Post-Screening Invest. Workplan	YES	0		24JUL03
23170	Revise Draft PSI Workplan		60	25JUL03	17OCT03
23180	Final Post-Screening Workplan		0		17OCT03
23190	Start Post-Screening Investigation	YES	0	13OCT03	
23200	Post-Screening Investigation		80	13OCT03	04FEB04
23202	FS Scoping Meeting		1	15JAN04	15JAN04
23210	FS Preparation		40	05FEB04	01APR04
23220	Draft FS	YES	0		01APR04
23230	Revise Draft FS		60	02APR04	25JUN04
23240	Final FS	YES	0		25JUN04



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SE Corner of Ranges					
23250	(Draft FS if no PSI)		40	03JUN03	29JUL03
23260	(Final FS if no PSI)		65	30JUL03	29OCT03
UXO					
UXO Operable Unit					
24130	Revise Draft FS Screening Report		44	21MAR01A	04OCT02
24140	Final FS Screening Report	YES	0		04OCT02
Remedy Selection (AO3)					
Demo Area 1					
Soil Operable Unit					
31105	Soil RS Plan Scoping Meeting		1	25AUG03	25AUG03
31110	Prepare Draft Remedy Selection Plan		40	25AUG03	20OCT03
31120	Revise Draft Remedy Selection Plan		65	21OCT03	22JAN04
31130	Remedy Selection Plan		0		22JAN04
31140	Public Comment Period		21	23JAN04	23FEB04
31150	Draft Decision Doc/ Response		44	24FEB04	23APR04
31160	Revise Draft DD/RS		65	26APR04	27JUL04
31170	Final Decision Doc/ Response		0		27JUL04
Groundwater Operable Unit					
31505	GW RS Plan Scoping Meeting		1	14JAN03*	14JAN03
31510	Prepare Draft Remedy Selection Plan		40	14JAN03	11MAR03
31520	Revise Draft Remedy Selection Plan		65	12MAR03	11JUN03
31530	Remedy Selection Plan		0		11JUN03
31540	Public Comment Period		21	12JUN03	11JUL03
31550	Draft Decision Doc/ Response		44	14JUL03	12SEP03
31560	Revise Draft DD/RS		65	15SEP03	15DEC03
31570	Final Decision Doc/ Response		0		15DEC03
Central Impact Area					
Soil Operable Unit (if no PSI)					
32105	Soil RS Plan Scoping Meeting		1	02AUG05	02AUG05
32110	Prepare Draft Remedy Selection Plan		40	02AUG05	26SEP05
32120	Revise Draft Remedy Selection Plan		65	27SEP05	26DEC05
32130	Remedy Selection Plan		0		26DEC05
32140	Public Comment Period		21	27DEC05	24JAN06
32150	Draft Decision Doc/ Response		44	25JAN06	27MAR06
32160	Revise Draft DD/RS		65	28MAR06	26JUN06
32170	Final Decision Doc/ Response		0		26JUN06
Groundwater Operable Unit					
32505	GW RS Plan Scoping Meeting		1	25FEB04	25FEB04
32510	Prepare Draft Remedy Selection Plan		40	25FEB04	20APR04
32520	Revise Draft Remedy Selection Plan		65	21APR04	22JUL04
32530	Remedy Selection Plan		0		22JUL04
32540	Public Comment Period		21	23JUL04	20AUG04
32550	Draft Decision Doc/ Response		44	23AUG04	22OCT04
32560	Revise Draft DD/RS		65	25OCT04	25JAN05
32570	Final Decision Doc/ Response		0		25JAN05
SE Corner of Ranges (if no PSI)					
33105	RS Plan Scoping Meeting		1	04SEP03	04SEP03

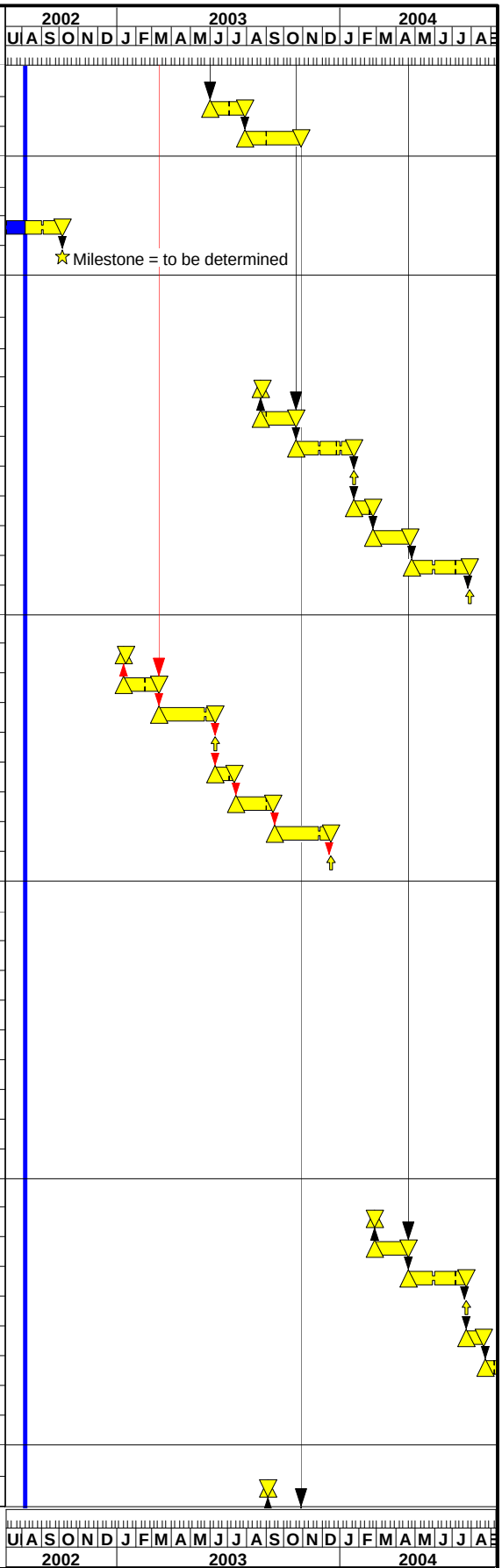

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Figure 9
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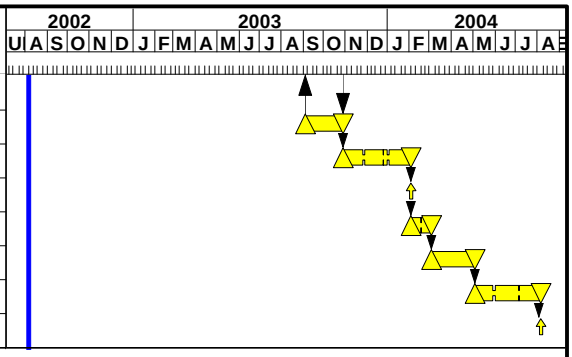
Date	Revision	Checked	Approved

Activity ID	Activity Description	ENF MILE	REM DUR	Start	Finish
SE Corner of Ranges (if no PSI)					
33110	Prepare Draft Remedy Selection Plan		40	04SEP03	29OCT03
33120	Revise Draft Remedy Selection Plan		65	30OCT03	02FEB04
33130	Remedy Selection Plan		0		02FEB04
33140	Public Comment Period		21	03FEB04	03MAR04
33150	Draft Decision Doc/ Response		44	04MAR04	04MAY04
33160	Revise Draft DD/RS		65	05MAY04	05AUG04
33170	Final Decision Doc/ Response		0		05AUG04



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