

**WEEKLY PROGRESS UPDATE
FOR OCTOBER 7 – OCTOBER 11, 2002**

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

The following summary of progress is for the period from October 7 through October 11, 2002.

1. SUMMARY OF ACTIONS TAKEN

Drilling progress as of October 11 is summarized in Table 1.

| Table 1. Drilling progress as of October 11, 2002 | | | | |
|--|-------------------------------|-----------------------------|---------------------------------|--|
| Boring Number | Purpose of Boring/Well | Total Depth (ft bgs) | Saturated Depth (ft bwt) | Completed Well Screens (ft bgs) |
| MW-240 | Demo Area 1 (D1P-15) | 287 | 189 | 198-208; 125-135; 105-115 |
| MW-242 | L Range (LP-6) | 250 | 157 | 235-245; 165-175 |
| MW-243 | J-3 Range (J3P-31) | 235 | 167 | |
| MW-244 | J-1 Range (J1P-1) | 150 | 30 | |
| bgs = below ground surface bwt = below water table | | | | |

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

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-242, MW-243, and MW-244. Groundwater samples were collected from Bourne water supply, far field, monitoring wells and spring, and as part of the August Long Term Groundwater monitoring round. Water samples were collected from the GAC treatment system. Biota samples were collected as part of the Demo Area 1 Ecological Risk Characterization sampling.

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

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

Participants

| | | |
|-----------------------------|----------------------------|---------------------------|
| Ben Gregson (IAGWSPO) | Bill Gallagher (IAGWSPO) | Tina Dolan (IAGWSPO) |
| Dave Hill (IAGWSPO) | MAJ Bill Myer (IAGWSPO) | Karen Wilson (IAGWSPO) |
| LTC Bill FitzPatrick (E&RC) | Todd Borci (EPA-phone) | Meghan Cassidy (EPA) |
| Desiree Moyer (EPA) | Jane Dolan (EPA) | Len Pinaud (MADEP) |
| Mark Panni (MADEP) | Dave Williams (MDPH) | Gina Tyo (Army Corps) |
| Heather Sullivan (ACE) | Rob Foti (ACE) | John MacPherson (ACE) |
| Ed Wise (Army Corps) | Don Wood (ACE) | Marc Grant (AMEC) |
| Kim Harriz (AMEC) | Maria Pologruto (AMEC) | John Rader (AMEC) |
| Mark Applebee (AMEC) | John Rice (AMEC-phone) | Dick Skryness (ECC) |
| Larry Pannell (Jacobs) | Larry Hudgins (Tetra Tech) | John Webster (Tetra Tech) |
| Susan Stewart (Tt-phone) | Leo Montroy (Tt-phone) | Carla Buriks (Tt-phone) |
| Kevin Hood (Univ. of Conn) | | |

Punchlist Items

- #2 Provide update for sampling/reporting Perchlorate for Sandwich Water District (EPA/MADEP). Todd Borci (EPA) indicated that he would contact Dan Mahoney (Sandwich Water Board) shortly.
- #3 Determine possibility of sampling the irrigation well at the Regional Tech School (Guard). D.L. Maher to inspect the well today to determine what effort would be needed for it to be fixed.
- #4 Determine possibility of sampling the Gallo Skating Rink well (Guard). Bill Gallagher (IAGWSPO) identified the well at the Skating Rink. D.L. Maher to inspect the well today to determine its suitability for sampling.
- #8 Provide GWSP's response to Bourne Water District comments on draft Bourne Response Plan (Corps/Guard). Comments to be sent out today.
- #10 Provide written request for laboratory QC protocol for sensitive perchlorate samples (Corps). Guard has decided not to pursue an overall strategy; sensitive samples will be handled on an individual basis.
- #11 Determine possibility of sampling old USGS wells located near ocean downgradient of the Monument beach wellfield (Corps). Guard to pursue sampling. Ray Cottengaim (ACE) to pursue access to wells from the Town of Bourne.
- #12 Provide electronic copies of XM53 submunitions photographs (Corps). Photographs emailed to agencies last week.

ASR Update

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

- Interview summaries for Witnesses 59-61 to be provided to the agencies by end of the day Friday, 10/11.
- A status table summarizing ongoing and completed interviews was distributed on 9/12. The private investigator had further pursued the Navy witness that was identified previously. However, although previously cooperative, this potential witness refused to speak with the investigator when the household was re-contacted. A BOMARC maintenance supervisor and four others who handled the nuclear warheads and electronics in the former maintenance group were interviewed, including one individual who was present in 1972 during the decommissioning. However, no personnel have been identified who worked on the maintenance of the propellant components. These interview summaries to be provided shortly. A list of personnel involved in artillery and infantry at MMR was compiled and will be

provided to the agencies next week.

- A table specifying contractors and contractor activities per witness was compiled and distributed on 9/24.
- A table summarizing recent interviews through Round 3 (Witness 25 through 52 with follow-up) was distributed to the agencies for comment on 9/25.
- A CD of all interview summaries approved to date (Witness 1-58), affidavits, witness summary tables, and the redacted witness schedule was provided to the Corps for distribution to the agencies on 9/30.
- Finalization of the ASR continues for completion by mid-December 2002. The ASR GIS Data Archive process was initiated in September 2002. As portions of the Report are updated or added and approved, they will be posted to the archive.

MSP3 and Southeast Ranges Update

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

J-2 Range Polygons. Crews are working on Polygon 2G. This polygon will likely be finished today for a total of 14 completed. Table of Polygon 2 findings (hits table) was distributed. J1/J3/J2 Range table of polygon findings (hits only table) exclusive of Polygon 2 to be provided shortly.

As requested by EPA, a complete data summary (hits only) to be provided of all items and sampling data exclusive of Polygons 1 and 2 from J-2 Range. This information to be provided for consideration of the J-2 Range Soil Report addendum to be submitted on 12/16. Herb Colby (AMEC) expressed concern about the extent of supporting information to be provided, so that the data could be adequately interpreted. Susan Stewart (Tetra Tech) to identify date for submission of the complete data summary. Issues to be discussed further in SE Ranges OU Scheduling discussion in today's after meeting.

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

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

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

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

- Todd Borci (EPA) expressed concern for the number of wells that had not yet received SHPO approval, and the overall timeframe in which these wells would be installed. Mr.

Borci requested an update on communication between the Guard and SHPO and what priorities had been relayed, to determine if additional information or assistance could be provided to help the process. Mr. Borci also requested that the Guard look at the current number of well locations which have been approved and are awaiting installation; wells that have been agreed upon but have not had a specific location selected; and wells that are about to be scoped or planned for upcoming investigations, and determine the feasibility of maintaining a fourth drill rig on the project (now or in the near future), as had been done earlier in the year (through August).

- Len Pinaud (MADEP) offered to coordinate a meeting between the agencies, SHPO and Dr. Goodfellow to discuss the IAGWSP needs and show support for an approval allowing Dr. Goodfellow to make decisions on sites on SHPO's behalf. This issue to be discussed further today after the SE Ranges OU discussion.

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

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

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

Demo 1 Update

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

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

Document & Schedule Update

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

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

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

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

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

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

Laboratory Fate and Transport Studies CRM. New addition. Tentatively scheduled for 11/7.

Tina Dolen (IAGWSPO) to coordinate with Jim Stahl (IART team member).

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

Bourne Update

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

- Unvalidated data were received for perchlorate in MW-233. Perchlorate was detected in the M3 well screen (15-25 ft bwt) at a concentration of 2.2 ppb. Screen depths for MW-233 were inaccurately listed on the results table prepared and distributed. Table to be corrected and redistributed.
- Cross-sections of the Bourne area were updated and distributed. Cross-sections to be emailed to Todd Borci (EPA). The data included with the cross-sections is becoming very crowded and input from the agencies on how to reformat this information for inclusion on the cross-sections was solicited.
- The Guard is going through with the ROA for the WSP-4 location, although it is not ideal from a natural resources perspective.
- The Wellhead Treatment Team is scheduled to meet on 10/22 at the IAGWSPO. Mary Chung (U.S. Filters) is scheduled to make a presentation on Ion Exchange as a treatment option. Another contractor, other than Dr. Fred Cannon (Penn State Univ) is being sought to provide information on amended carbon.
- Comments on the Bourne Response Plan from the BWD will be discussed at the BWD meeting next week.
- The Guard intends to sample the USGS wells downgradient of the Monument Beach wellfield. Mr. Gallagher had obtained the USGS forms for each of the four wells that were installed; the forms included general site data, site visit data, field water quality parameters, and construction details. A sketch map of the well locations and a well location map had also been provided by the USGS. Copies of the forms/maps to be provided to the agencies.
- The USGS wells were inspected. The deepest well was observed to be destroyed, while the three intermediate wells that are located in a road box appear to be viable for sampling.

Miscellaneous

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

2. SUMMARY OF DATA RECEIVED

Rush data are summarized in Table 3. 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 volatile organic compound (VOC) analyses for groundwater profile samples, are conducted in this timeframe, as well as any analyses pursuant to a special request. The rush data are not validated, but are provided as an indication of the most recent preliminary results. Table 3 summarizes only detects, and does not show samples with non-detects.

The status of the explosive detections with respect to confirmation using Photo Diode Array (PDA) spectra is indicated in Table 3. 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 3, 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 or perchlorate. Most explosive detections verified by PDA are confirmed to be present upon completion of validation. Table 3 includes the following detections:

Table 3 includes detections from the following areas:

Bourne Wellfield

- Groundwater samples from wells 97-5, 02-02M2 and duplicate, and 02-13M2 had detections of perchlorate. The results were similar to the previous sampling rounds.
- Groundwater samples from MW-233M3 had a detection of perchlorate. The detection of perchlorate was consistent with the profile results.
- Five groundwater samples and duplicate samples had detections of chloroform.

Central Impact Area

- Groundwater samples from MW-91M1, MW-93M2, MW-94M2, MW-95M1, M2, MW-96M2, MW-98M1, and MW-99M1 and duplicate had detections of explosives that were confirmed by PDA spectra. The results were similar to previous sampling rounds, except that this first analysis with the method 8330NX at these wells.
- Groundwater samples from MW-98S had a detection of 4A-DNT that was not confirmed by PDA spectra. This compound has been a previously validated detection in this well.

Southeast Ranges

- Groundwater samples from MW-153M1 and MW-157M2 had detections of RDX that were confirmed by PDA spectra. The results were similar to the previous sampling rounds, except that this is the first analysis with the method 8330NX at these wells.
- Groundwater samples from MW-45M2 had detections of PETN and picric acid that were not confirmed by PDA spectra. There have never been validated detections of explosives in this well.
- Profile samples from MW-242 (LP-6) had detections of explosives and VOCs. 1,3,5-trinitrobenzene was detected and confirmed by PDA spectra but with interference, in four intervals between 27 and 47 feet and at 77 feet below the water table. Nitrobenzene was detected and confirmed by PDA spectra but with interference, at 37 feet below the water table. RDX was detected and confirmed by PDA spectra but with interference, in ten intervals between 67 and 157 feet below the water table. Well screens were set at the depths corresponding to the highest RDX detections (72 to 82 ft bwt and 142 to 152 ft bwt).

Northeast of the Central Impact Area

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

3. DELIVERABLES SUBMITTED

| | |
|---|------------|
| Monthly Progress Update for September 2002 | 10/09/2002 |
| Weekly Progress Update September 30 - October 4, 2002 | 10/10/2002 |

4. SCHEDULED ACTIONS

Scheduled actions for the week of October 14 include complete drilling of MW-243 (J3P-31) and MW-244 (J1P-1), and commence drilling of MW-245 (J1P-17).

5. SUMMARY OF ACTIVITIES FOR DEMO 1

Additional delineation of the downgradient portion of the groundwater plume is being conducted prior to finalizing the Feasibility Study for the Groundwater Operable Unit and as the Interim Action for groundwater remediation is being designed. Pumping and treating groundwater at the toe of the Demo 1 plume and at Frank Perkins Road has been selected as an Interim Action to address the Demo 1 Area Groundwater Operable Unit. A Rapid Response Action/Release Abatement Measure (RRA/RAM) is also being planned to address soil contamination at Demo 1. Biota collection, to support the ecological risk characterization, was finished this week. Soil sampling, to support the ecological risk characterization and to provide additional delineation will be initiated in the next two weeks.

TABLE 2
 SAMPLING PROGRESS
 10/05/2002 - 10/12/2002

| OGDEN_ID | LOCID OR WELL ID | DATE SAMPLED | SAMPLE TYPE | SBD | SED | BWTS | BWTE |
|------------------|------------------|--------------|---------------|------|------|------|------|
| TAA12AR02 | 12AR | 10/08/2002 | ANIMAL_TISSUE | | | | |
| TAB12AB01 | 12AB | 10/07/2002 | ANIMAL_TISSUE | | | | |
| TAB12AB02 | 12AB | 10/07/2002 | ANIMAL_TISSUE | | | | |
| TAB12AB03 | 12AB | 10/09/2002 | ANIMAL_TISSUE | | | | |
| TAB12AB04 | 12AB | 10/10/2002 | ANIMAL_TISSUE | | | | |
| TAB12AB05 | 12AB | 10/10/2002 | ANIMAL_TISSUE | | | | |
| TAB12AB06 | 12AB | 10/11/2002 | ANIMAL_TISSUE | | | | |
| TAC12Y03 | 12Y | 10/07/2002 | ANIMAL_TISSUE | | | | |
| TAD12AU04 | 12AU | 10/07/2002 | ANIMAL_TISSUE | | | | |
| TAD12AU05 | 12AU | 10/08/2002 | ANIMAL_TISSUE | | | | |
| TAD12AU06 | 12AU | 10/09/2002 | ANIMAL_TISSUE | | | | |
| TAD12AU07 | 12AU | 10/09/2002 | ANIMAL_TISSUE | | | | |
| TAD12AU08 | 12AU | 10/10/2002 | ANIMAL_TISSUE | | | | |
| TAD12AU09 | 12AU | 10/11/2002 | ANIMAL_TISSUE | | | | |
| TAE12AM01 | 12AM | 10/09/2002 | ANIMAL_TISSUE | | | | |
| TAE12AM02 | 12AM | 10/09/2002 | ANIMAL_TISSUE | | | | |
| TAE12AM03 | 12AM | 10/10/2002 | ANIMAL_TISSUE | | | | |
| TAF12AQ04 | 12AQ | 10/09/2002 | ANIMAL_TISSUE | | | | |
| TAF12AQ05 | 12AQ | 10/10/2002 | ANIMAL_TISSUE | | | | |
| TAG12BB02 | 12BB | 10/08/2002 | ANIMAL_TISSUE | | | | |
| TAG12BB03 | 12BB | 10/08/2002 | ANIMAL_TISSUE | | | | |
| TAG12BB04 | 12BB | 10/08/2002 | ANIMAL_TISSUE | | | | |
| TAG12BB05 | 12BB | 10/08/2002 | ANIMAL_TISSUE | | | | |
| TAG12BB06 | 12BB | 10/08/2002 | ANIMAL_TISSUE | | | | |
| TAG12BB07 | 12BB | 10/08/2002 | ANIMAL_TISSUE | | | | |
| TAG12BB08 | 12BB | 10/09/2002 | ANIMAL_TISSUE | | | | |
| TAG12BB09 | 12BB | 10/09/2002 | ANIMAL_TISSUE | | | | |
| TAG12BB10 | 12BB | 10/11/2002 | ANIMAL_TISSUE | | | | |
| TAH12AH01 | 12AH | 10/07/2002 | ANIMAL_TISSUE | | | | |
| TAH12AH02 | 12AH | 10/07/2002 | ANIMAL_TISSUE | | | | |
| TAH12AH03 | 12AH | 10/09/2002 | ANIMAL_TISSUE | | | | |
| SR.F.15.XC1.1.0 | SR.F.15.XC1 | 10/10/2002 | CRATER GRAB | | | | |
| SR.F.15.XCB.1.0 | SR.F.15.XCB | 10/10/2002 | CRATER GRAB | | | | |
| SR.F.15.XCM.1.0 | SR.F.15.XCM | 10/09/2002 | CRATER GRAB | | | | |
| J2.A.T2C.021.1.0 | J2.T2C.021.R | 10/09/2002 | CRATER GRID | 0.00 | 0.17 | | |
| J2.A.T2C.021.1.D | J2.T2C.021.R | 10/09/2002 | CRATER GRID | 0.00 | 0.17 | | |
| J2.A.T2C.021.2.0 | J2.T2C.021.R | 10/10/2002 | CRATER GRID | 0.00 | 0.17 | | |
| J2.A.T2C.021.3.0 | J2.T2C.021.R | 10/10/2002 | CRATER GRID | 0.00 | 0.17 | | |
| SR.A.C6.005.1.0 | SR.C6.005.R | 10/09/2002 | CRATER GRID | 0.00 | 0.17 | | |
| SR.A.C6.005.2.0 | SR.C6.005.R | 10/10/2002 | CRATER GRID | 0.00 | 0.17 | | |
| SR.A.C6.005.3.0 | SR.C6.005.R | 10/10/2002 | CRATER GRID | 0.00 | 0.17 | | |
| SR.A.T3.002.1.0 | SR.T3.002.R | 10/09/2002 | CRATER GRID | 1.08 | 1.25 | | |
| SR.A.T3.002.2.0 | SR.T3.002.R | 10/10/2002 | CRATER GRID | 0.00 | 0.17 | | |
| SR.A.T3.002.3.0 | SR.T3.002.R | 10/10/2002 | CRATER GRID | 0.00 | 0.17 | | |

Profiling methods include: Volatiles, Explosives and Perchlorate

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

Other Sample Types methods are variable

SBD = Sample Begin Depth, measured in feet bgs

SED = Sample End Depth, measured in feet bgs

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

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

TABLE 2
 SAMPLING PROGRESS
 10/05/2002 - 10/12/2002

| OGDEN_ID | LOCID OR WELL ID | DATE SAMPLED | SAMPLE TYPE | SBD | SED | BWTS | BWTE |
|-----------------|------------------|--------------|-------------|--------|--------|-------|-------|
| SR.A.T3.02A.1.0 | SR.T3.002.Ra | 10/09/2002 | CRATER GRID | 2.67 | 2.83 | | |
| SR.A.T3.02A.2.0 | SR.T3.002.Ra | 10/10/2002 | CRATER GRID | 0.00 | 0.17 | | |
| SR.A.T3.02A.3.0 | SR.T3.002.Ra | 10/10/2002 | CRATER GRID | 0.00 | 0.17 | | |
| 0.G.0.0UR02.0.E | FIELDQC | 10/09/2002 | FIELDQC | 0.00 | 0.00 | | |
| 0.G.0.0UR03.0.E | FIELDQC | 10/10/2002 | FIELDQC | 0.00 | 0.00 | | |
| 90WT0013-E | FIELDQC | 10/09/2002 | FIELDQC | 0.00 | 0.00 | | |
| G242DOE | FIELDQC | 10/07/2002 | FIELDQC | 0.00 | 0.00 | | |
| G243DCE | FIELDQC | 10/08/2002 | FIELDQC | 0.00 | 0.00 | | |
| G243DLE | FIELDQC | 10/09/2002 | FIELDQC | 0.00 | 0.00 | | |
| G243DLT | FIELDQC | 10/09/2002 | FIELDQC | 0.00 | 0.00 | | |
| G243DNE | FIELDQC | 10/10/2002 | FIELDQC | 0.00 | 0.00 | | |
| G243DNT | FIELDQC | 10/10/2002 | FIELDQC | 0.00 | 0.00 | | |
| G244DBE | FIELDQC | 10/11/2002 | FIELDQC | 0.00 | 0.00 | | |
| G244DBT | FIELDQC | 10/11/2002 | FIELDQC | 0.00 | 0.00 | | |
| TW1-88AE | FIELDQC | 10/08/2002 | FIELDQC | 0.00 | 0.00 | | |
| W02-12M1T | FIELDQC | 10/08/2002 | FIELDQC | 0.00 | 0.00 | | |
| W57M2T | FIELDQC | 10/07/2002 | FIELDQC | 0.00 | 0.00 | | |
| W80M1F | FIELDQC | 10/10/2002 | FIELDQC | 0.00 | 0.00 | | |
| 4036000-01G | 4036000-01G | 10/08/2002 | GROUNDWATER | | | | |
| 4036000-03G | 4036000-03G | 10/08/2002 | GROUNDWATER | | | | |
| 4036000-04G | 4036000-04G | 10/08/2002 | GROUNDWATER | | | | |
| 4036000-06G | 4036000-06G | 10/08/2002 | GROUNDWATER | | | | |
| 90WT0013-A | 90WT0013 | 10/09/2002 | GROUNDWATER | 92.00 | 102.00 | 0.00 | 10.00 |
| 90WT0013-D | 90WT0013 | 10/09/2002 | GROUNDWATER | 92.00 | 102.00 | 0.00 | 10.00 |
| 97-2B-A | 97-2B | 10/11/2002 | GROUNDWATER | | 121.70 | | 73.20 |
| 97-2C-A | 97-2C | 10/11/2002 | GROUNDWATER | | 132.00 | | 72.20 |
| FH-1-A | FH-1 | 10/09/2002 | GROUNDWATER | | | | |
| FH-2-A | FH-2 | 10/09/2002 | GROUNDWATER | | | | |
| FH-3-A | FH-3 | 10/09/2002 | GROUNDWATER | | | | |
| FH-4-A | FH-4 | 10/09/2002 | GROUNDWATER | | | | |
| FH-6-A | FH-6 | 10/09/2002 | GROUNDWATER | | | | |
| SMR-4-A | SMR-4 | 10/09/2002 | GROUNDWATER | 102.00 | 112.00 | 0.00 | 10.00 |
| SMR-4-D | SMR-4 | 10/09/2002 | GROUNDWATER | 102.00 | 112.00 | 0.00 | 10.00 |
| SPRING1-A | SPRING1 | 10/11/2002 | GROUNDWATER | | | | |
| TW1-88AA | 1-88 | 10/08/2002 | GROUNDWATER | | | | |
| W02-12M1A | 02-12 | 10/08/2002 | GROUNDWATER | 109.00 | 119.00 | 58.35 | 68.35 |
| W02-12M1D | 02-12 | 10/08/2002 | GROUNDWATER | 109.00 | 119.00 | 58.35 | 68.35 |
| W02-12M2A | 02-12 | 10/08/2002 | GROUNDWATER | 94.00 | 104.00 | 43.21 | 53.21 |
| W02-12M3A | 02-12 | 10/08/2002 | GROUNDWATER | 79.00 | 89.00 | 28.22 | 38.22 |
| W02-13M1A | 02-13 | 10/08/2002 | GROUNDWATER | 98.00 | 108.00 | 58.33 | 68.33 |
| W02-13M2A | 02-13 | 10/08/2002 | GROUNDWATER | 83.00 | 93.00 | 44.20 | 54.20 |
| W02-13M3A | 02-13 | 10/08/2002 | GROUNDWATER | 68.00 | 78.00 | 28.30 | 38.30 |
| W02-13M3D | 02-13 | 10/08/2002 | GROUNDWATER | 68.00 | 78.00 | 28.30 | 38.30 |
| W115SSA | MW-115 | 10/08/2002 | GROUNDWATER | | | 0.00 | 10.00 |

Profiling methods include: Volatiles, Explosives and Perchlorate

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

Other Sample Types methods are variable

SBD = Sample Begin Depth, measured in feet bgs

SED = Sample End Depth, measured in feet bgs

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

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

TABLE 2
 SAMPLING PROGRESS
 10/05/2002 - 10/12/2002

| OGDEN_ID | LOCID OR WELL ID | DATE SAMPLED | SAMPLE TYPE | SBD | SED | BWTS | BWTE |
|----------|------------------|--------------|-------------|--------|--------|--------|--------|
| W180M1A | MW-180 | 10/10/2002 | GROUNDWATER | 300.00 | 310.00 | 139.20 | 149.20 |
| W180M2A | MW-180 | 10/10/2002 | GROUNDWATER | 195.00 | 205.00 | 34.50 | 44.50 |
| W180M3A | MW-180 | 10/09/2002 | GROUNDWATER | 171.00 | 181.00 | 10.30 | 20.30 |
| W182M1A | MW-182 | 10/10/2002 | GROUNDWATER | 295.00 | 305.00 | 124.00 | 134.00 |
| W183M1A | MW-183 | 10/10/2002 | GROUNDWATER | 286.00 | 296.00 | 103.90 | 113.90 |
| W183M2A | MW-183 | 10/10/2002 | GROUNDWATER | 270.00 | 280.00 | 88.00 | 98.00 |
| W183M2D | MW-183 | 10/10/2002 | GROUNDWATER | 270.00 | 280.00 | 88.00 | 98.00 |
| W185M1A | MW-185 | 10/10/2002 | GROUNDWATER | 247.00 | 257.00 | 19.50 | 29.50 |
| W185M2A | MW-185 | 10/09/2002 | GROUNDWATER | 156.00 | 166.00 | 19.50 | 29.50 |
| W213M1A | MW-213 | 10/10/2002 | GROUNDWATER | 133.00 | 143.00 | 85.01 | 95.01 |
| W213M2A | MW-213 | 10/10/2002 | GROUNDWATER | 89.00 | 99.00 | 41.10 | 51.10 |
| W226M1A | MW-226 | 10/11/2002 | GROUNDWATER | 285.00 | 295.00 | 0.00 | 7.73 |
| W226M2A | MW-226 | 10/11/2002 | GROUNDWATER | 175.00 | 185.00 | 61.70 | 71.70 |
| W226M3A | MW-226 | 10/10/2002 | GROUNDWATER | 135.00 | 145.00 | 21.50 | 31.50 |
| W235DDA | MW-235 | 10/07/2002 | GROUNDWATER | 320.00 | 330.00 | 191.60 | 201.60 |
| W235M1A | MW-235 | 10/07/2002 | GROUNDWATER | 154.00 | 164.00 | 25.30 | 35.30 |
| W235M1D | MW-235 | 10/07/2002 | GROUNDWATER | 154.00 | 164.00 | 25.30 | 35.30 |
| W235SSA | MW-235 | 10/07/2002 | GROUNDWATER | 127.00 | 137.00 | 0.00 | 10.00 |
| W52M1A | MW-52 | 10/09/2002 | GROUNDWATER | 290.00 | 300.00 | 139.00 | 149.00 |
| W52M1D | MW-52 | 10/09/2002 | GROUNDWATER | 290.00 | 300.00 | 139.00 | 149.00 |
| W53M3A | MW-53 | 10/07/2002 | GROUNDWATER | 164.00 | 174.00 | 39.00 | 49.00 |
| W55DDA | MW-55 | 10/08/2002 | GROUNDWATER | 255.00 | 265.00 | 119.00 | 129.00 |
| W55M1A | MW-55 | 10/08/2002 | GROUNDWATER | 225.00 | 235.00 | 89.00 | 99.00 |
| W57M3A | MW-57 | 10/07/2002 | GROUNDWATER | 117.00 | 127.00 | 31.00 | 41.00 |
| W63DDA | MW-63 | 10/07/2002 | GROUNDWATER | 375.00 | 380.00 | 221.00 | 226.00 |
| W63M1A | MW-63 | 10/07/2002 | GROUNDWATER | 244.00 | 254.00 | 90.00 | 100.00 |
| W63M2A | MW-63 | 10/09/2002 | GROUNDWATER | 214.00 | 224.00 | 60.00 | 70.00 |
| W70SSA | MW-70 | 10/07/2002 | GROUNDWATER | 132.00 | 142.00 | 4.00 | 14.00 |
| W71M1A | MW-71 | 10/07/2002 | GROUNDWATER | 180.00 | 190.00 | 22.00 | 32.00 |
| W80DDA | MW-80 | 10/10/2002 | GROUNDWATER | 158.00 | 168.00 | 114.00 | 124.00 |
| W80M1A | MW-80 | 10/10/2002 | GROUNDWATER | 130.00 | 140.00 | 86.00 | 96.00 |
| W80M2A | MW-80 | 10/10/2002 | GROUNDWATER | 100.00 | 110.00 | 56.00 | 66.00 |
| W80M3A | MW-80 | 10/10/2002 | GROUNDWATER | 70.00 | 80.00 | 26.00 | 36.00 |
| W80SSA | MW-80 | 10/10/2002 | GROUNDWATER | 43.00 | 53.00 | 0.00 | 10.00 |
| W81DDA | MW-81 | 10/10/2002 | GROUNDWATER | 184.00 | 194.00 | 156.00 | 166.00 |
| W81M1A | MW-81 | 10/10/2002 | GROUNDWATER | 128.00 | 138.00 | 100.00 | 110.00 |
| W81M2A | MW-81 | 10/10/2002 | GROUNDWATER | 83.00 | 93.00 | 55.00 | 65.00 |
| W81M3A | MW-81 | 10/10/2002 | GROUNDWATER | 53.00 | 58.00 | 25.00 | 30.00 |
| W81SSA | MW-81 | 10/10/2002 | GROUNDWATER | 25.00 | 35.00 | 0.00 | 10.00 |
| W82DDA | MW-82 | 10/10/2002 | GROUNDWATER | 125.00 | 135.00 | 97.00 | 107.00 |
| W82M1A | MW-82 | 10/10/2002 | GROUNDWATER | 104.00 | 114.00 | 76.00 | 86.00 |
| W82M2A | MW-82 | 10/10/2002 | GROUNDWATER | 78.00 | 88.00 | 50.00 | 60.00 |
| W82M2D | MW-82 | 10/10/2002 | GROUNDWATER | 78.00 | 88.00 | 50.00 | 60.00 |
| W82M3A | MW-82 | 10/10/2002 | GROUNDWATER | 54.00 | 64.00 | 26.00 | 36.00 |

Profiling methods include: Volatiles, Explosives and Perchlorate

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

Other Sample Types methods are variable

SBD = Sample Begin Depth, measured in feet bgs

SED = Sample End Depth, measured in feet bgs

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

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

TABLE 2
 SAMPLING PROGRESS
 10/05/2002 - 10/12/2002

| OGDEN_ID | LOCID OR WELL ID | DATE SAMPLED | SAMPLE TYPE | SBD | SED | BWTS | BWTE |
|------------------|------------------------|--------------|--------------|--------|--------|--------|--------|
| XXM971-A | 97-1 | 10/09/2002 | GROUNDWATER | 83.00 | 93.00 | 60.00 | 70.00 |
| XXM972-A | 97-2 | 10/09/2002 | GROUNDWATER | 75.00 | 85.00 | 50.70 | 60.70 |
| XXM973-A | 97-3 | 10/09/2002 | GROUNDWATER | 75.00 | 85.00 | 34.54 | 44.54 |
| XXM975-A | 97-5 | 10/08/2002 | GROUNDWATER | 84.00 | 94.00 | 73.65 | 83.65 |
| DW100702-NV | GAC WATER | 10/07/2002 | IDW | | | | |
| DW100802-NV | GAC WATER | 10/08/2002 | IDW | | | | |
| DW100902-NV | GAC WATER | 10/09/2002 | IDW | | | | |
| TPA12AR01 | 12AR | 10/11/2002 | PLANT_TISSUE | | | | |
| TPB12AB01 | 12AB | 10/11/2002 | PLANT_TISSUE | | | | |
| TPC12AY01 | 12AY | 10/11/2002 | PLANT_TISSUE | | | | |
| TPD12AU01 | 12AU | 10/11/2002 | PLANT_TISSUE | | | | |
| TPE12AM01 | 12AM | 10/11/2002 | PLANT_TISSUE | | | | |
| TPF12AQ01 | 12AQ | 10/11/2002 | PLANT_TISSUE | | | | |
| TPG12BB01 | 12BB | 10/11/2002 | PLANT_TISSUE | | | | |
| TPH12AH01 | 12AH | 10/11/2002 | PLANT_TISSUE | | | | |
| G242DOA | MW-242 | 10/07/2002 | PROFILE | 240.00 | 240.00 | 147.00 | 147.00 |
| G242DPA | MW-242 | 10/07/2002 | PROFILE | 250.00 | 250.00 | 157.00 | 157.00 |
| G243DAA | MW-243 | 10/07/2002 | PROFILE | 70.00 | 70.00 | 1.50 | 1.50 |
| G243DBA | MW-243 | 10/07/2002 | PROFILE | 80.00 | 80.00 | 11.50 | 11.50 |
| G243DCA | MW-243 | 10/08/2002 | PROFILE | 90.00 | 90.00 | 21.50 | 21.50 |
| G243DDA | MW-243 | 10/08/2002 | PROFILE | 100.00 | 100.00 | 31.50 | 31.50 |
| G243DEA | MW-243 | 10/08/2002 | PROFILE | 110.00 | 110.00 | 41.50 | 41.50 |
| G243DFA | MW-243 | 10/08/2002 | PROFILE | 120.00 | 120.00 | 51.50 | 51.50 |
| G243DFD | MW-243 | 10/08/2002 | PROFILE | 120.00 | 120.00 | 51.50 | 51.50 |
| G243DGA | MW-243 | 10/08/2002 | PROFILE | 130.00 | 130.00 | 61.50 | 61.50 |
| G243DHA | MW-243 | 10/08/2002 | PROFILE | 140.00 | 140.00 | 71.50 | 71.50 |
| G243DIA | MW-243 | 10/08/2002 | PROFILE | 150.00 | 150.00 | 81.50 | 81.50 |
| G243DJA | MW-243 | 10/08/2002 | PROFILE | 160.00 | 160.00 | 91.50 | 91.50 |
| G243DKA | MW-243 | 10/08/2002 | PROFILE | 170.00 | 170.00 | 101.50 | 101.50 |
| G243DLA | MW-243 | 10/09/2002 | PROFILE | 180.00 | 180.00 | 111.50 | 111.50 |
| G243DMA | MW-243 | 10/09/2002 | PROFILE | 190.00 | 190.00 | 121.50 | 121.50 |
| G243DOA | MW-243 | 10/10/2002 | PROFILE | 210.00 | 210.00 | 141.50 | 141.50 |
| G243DPA | MW-243 | 10/10/2002 | PROFILE | 220.00 | 220.00 | 151.50 | 151.50 |
| G244DAA | MW-244 | 10/11/2002 | PROFILE | 125.00 | 125.00 | 5.10 | 5.10 |
| G244DBA | MW-244 | 10/11/2002 | PROFILE | 130.00 | 130.00 | 10.10 | 10.10 |
| G244DCA | MW-244 | 10/11/2002 | PROFILE | 140.00 | 140.00 | 20.10 | 20.10 |
| SR.F.T1.XC1.1.0 | Scar Site Target 1 Exc | 10/07/2002 | SOIL GRID | 0.00 | 0.50 | | |
| SR.F.T1.XC1.2.0 | Scar Site Target 1 Exc | 10/07/2002 | SOIL GRID | 1.00 | 2.00 | | |
| SR.F.T3.XC1.1.0 | Scar Site Target 3 Exc | 10/07/2002 | SOIL GRID | 0.00 | 0.50 | | |
| SR.F.T3.XC1.2.0 | Scar Site Target 3 Exc | 10/07/2002 | SOIL GRID | 1.00 | 1.25 | | |
| J2.F.T2G.XC1.1.0 | J2 Target 2G Excavati | 10/10/2002 | SOIL GRID | 0.00 | 5.00 | | |
| J2.F.T2G.XC1.2.0 | J2 Target 2G Excavati | 10/10/2002 | SOIL GRID | 5.00 | 5.17 | | |
| J2.F.T2G.XC1.3.0 | J2 Target 2G Excavati | 10/10/2002 | SOIL GRID | 0.50 | 2.00 | | |
| SR.F.T15.XC1.1.0 | ANOMALY 15 Trench | 10/09/2002 | SOIL GRID | 0.00 | 0.17 | | |

Profiling methods include: Volatiles, Explosives and Perchlorate

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

Other Sample Types methods are variable

SBD = Sample Begin Depth, measured in feet bgs

SED = Sample End Depth, measured in feet bgs

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

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

TABLE 2
 SAMPLING PROGRESS
 10/05/2002 - 10/12/2002

| OGDEN_ID | LOCID OR WELL ID | DATE SAMPLED | SAMPLE TYPE | SBD | SED | BWTS | BWTE |
|------------------|-------------------|--------------|-------------|------|------|------|------|
| SR.F.T15.XCM.1.0 | ANOMALY 15 Trench | 10/09/2002 | SOIL GRID | 5.00 | 5.17 | | |

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

TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 09/14/02 - 10/05/02

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|-----------|------------------|------------|-------------|--------|--------|--------|--------|--------|-----------------------------|-----|
| W02-02M2A | 02-02 | 10/05/2002 | GROUNDWATER | 94.50 | 104.50 | 42.65 | 52.65 | E314.0 | PERCHLORATE | |
| W02-02M2D | 02-02 | 10/05/2002 | GROUNDWATER | 94.50 | 104.50 | 42.65 | 52.65 | E314.0 | PERCHLORATE | |
| W02-12M1A | 02-12 | 10/08/2002 | GROUNDWATER | 109.00 | 119.00 | 58.35 | 68.35 | OC21V | CHLOROFORM | |
| W02-12M1D | 02-12 | 10/08/2002 | GROUNDWATER | 109.00 | 119.00 | 58.35 | 68.35 | OC21V | CHLOROFORM | |
| W02-13M2A | 02-13 | 10/08/2002 | GROUNDWATER | 83.00 | 93.00 | 44.20 | 54.20 | E314.0 | PERCHLORATE | |
| W153M1A | MW-153 | 09/30/2002 | GROUNDWATER | 199.00 | 209.00 | 108.00 | 118.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1, | YES |
| W157M2A | MW-157 | 09/30/2002 | GROUNDWATER | 110.00 | 120.00 | 100.00 | 110.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1, | YES |
| W18M1A | MW-18 | 09/30/2002 | GROUNDWATER | 171.00 | 176.00 | 128.00 | 133.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1, | YES |
| W213M1A | MW-213 | 10/10/2002 | GROUNDWATER | 133.00 | 143.00 | 85.01 | 95.01 | OC21V | CHLOROFORM | |
| W213M2A | MW-213 | 10/10/2002 | GROUNDWATER | 89.00 | 99.00 | 41.10 | 51.10 | OC21V | CHLOROFORM | |
| W226M3A | MW-226 | 10/10/2002 | GROUNDWATER | 135.00 | 145.00 | 21.50 | 31.50 | OC21V | CHLOROFORM | |
| W233M3A | MW-233 | 10/03/2002 | GROUNDWATER | 231.00 | 241.00 | 32.80 | 42.80 | E314.0 | PERCHLORATE | |
| W45M2A | MW-45 | 10/01/2002 | GROUNDWATER | 110.00 | 120.00 | 18.00 | 28.00 | 8330N | PENTAERYTHRITOL TETRANITR | NO |
| W45M2A | MW-45 | 10/01/2002 | GROUNDWATER | 110.00 | 120.00 | 18.00 | 28.00 | 8330N | PICRIC ACID | NO |
| W91M1A | MW-91 | 09/27/2002 | GROUNDWATER | 170.00 | 180.00 | 45.00 | 55.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1, | YES |
| W91M1A | MW-91 | 09/27/2002 | GROUNDWATER | 170.00 | 180.00 | 45.00 | 55.00 | 8330NX | OCTAHYDRO-1,3,5,7-TETRANIT | YES |
| W93M2A | MW-93 | 09/27/2002 | GROUNDWATER | 145.00 | 155.00 | 16.00 | 26.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1, | YES |
| W93M2A | MW-93 | 09/27/2002 | GROUNDWATER | 145.00 | 155.00 | 16.00 | 26.00 | 8330NX | OCTAHYDRO-1,3,5,7-TETRANIT | YES |
| W94M2A | MW-94 | 09/27/2002 | GROUNDWATER | 140.00 | 150.00 | 16.00 | 26.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1, | YES |
| W95M1A | MW-95 | 09/27/2002 | GROUNDWATER | 202.00 | 212.00 | 78.00 | 88.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1, | YES |
| W95M2A | MW-95 | 09/27/2002 | GROUNDWATER | 167.00 | 177.00 | 43.00 | 53.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1, | YES |
| W96M2A | MW-96 | 09/27/2002 | GROUNDWATER | 160.00 | 170.00 | 24.00 | 34.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1, | YES |
| W98M1A | MW-98 | 09/26/2002 | GROUNDWATER | 164.00 | 174.00 | 26.00 | 36.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1, | YES |
| W98SSA | MW-98 | 09/26/2002 | GROUNDWATER | 137.00 | 147.00 | 0.00 | 10.00 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| W99M1A | MW-99 | 09/27/2002 | GROUNDWATER | 195.00 | 205.00 | 60.00 | 70.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1, | YES |
| W99M1D | MW-99 | 09/27/2002 | GROUNDWATER | 195.00 | 205.00 | 60.00 | 70.00 | 8330NX | HEXAHYDRO-1,3,5-TRINITRO-1, | YES |
| XXM975-A | 97-5 | 10/08/2002 | GROUNDWATER | 84.00 | 94.00 | 73.65 | 83.65 | E314.0 | PERCHLORATE | |
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | 8330N | 1,3,5-TRINITROBENZENE | NO* |
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | 8330N | 1,3-DINITROBENZENE | NO |
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | 8330N | 2,4-DIAMINO-6-NITROTOLUENE | NO |
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | 8330N | 2,4-DINITROTOLUENE | NO |
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | 8330N | 2,6-DINITROTOLUENE | NO* |

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 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 09/14/02 - 10/05/02

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|----------|------------------|------------|-----------|--------|--------|-------|-------|--------|-----------------------------|-----|
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1, | NO* |
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | 8330N | NITROBENZENE | NO |
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | 8330N | NITROGLYCERIN | NO |
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | 8330N | PICRIC ACID | NO |
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | OC21V | 2-HEXANONE | |
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | OC21V | ACETONE | |
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | OC21V | BENZENE | |
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | OC21V | CHLOROETHANE | |
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | OC21V | ETHYLBENZENE | |
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | OC21V | METHYL ETHYL KETONE (2-BU | |
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | OC21V | METHYL ISOBUTYL KETONE (4- | |
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | OC21V | TOLUENE | |
| G242DAA | MW-242 | 10/02/2002 | PROFILE | 100.00 | 100.00 | 7.00 | 7.00 | OC21V | XYLENES, TOTAL | |
| G242DBA | MW-242 | 10/02/2002 | PROFILE | 110.00 | 110.00 | 17.00 | 17.00 | 8330N | 1,3,5-TRINITROBENZENE | NO |
| G242DBA | MW-242 | 10/02/2002 | PROFILE | 110.00 | 110.00 | 17.00 | 17.00 | 8330N | 1,3-DINITROBENZENE | NO |
| G242DBA | MW-242 | 10/02/2002 | PROFILE | 110.00 | 110.00 | 17.00 | 17.00 | 8330N | 2,4-DIAMINO-6-NITROTOLUENE | NO |
| G242DBA | MW-242 | 10/02/2002 | PROFILE | 110.00 | 110.00 | 17.00 | 17.00 | 8330N | 2,4-DINITROTOLUENE | NO |
| G242DBA | MW-242 | 10/02/2002 | PROFILE | 110.00 | 110.00 | 17.00 | 17.00 | 8330N | 2,6-DINITROTOLUENE | NO |
| G242DBA | MW-242 | 10/02/2002 | PROFILE | 110.00 | 110.00 | 17.00 | 17.00 | 8330N | 2-NITROTOLUENE | NO |
| G242DBA | MW-242 | 10/02/2002 | PROFILE | 110.00 | 110.00 | 17.00 | 17.00 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G242DBA | MW-242 | 10/02/2002 | PROFILE | 110.00 | 110.00 | 17.00 | 17.00 | 8330N | 4-NITROTOLUENE | NO |
| G242DBA | MW-242 | 10/02/2002 | PROFILE | 110.00 | 110.00 | 17.00 | 17.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1, | NO* |
| G242DBA | MW-242 | 10/02/2002 | PROFILE | 110.00 | 110.00 | 17.00 | 17.00 | 8330N | NITROBENZENE | NO |
| G242DBA | MW-242 | 10/02/2002 | PROFILE | 110.00 | 110.00 | 17.00 | 17.00 | 8330N | NITROGLYCERIN | NO |
| G242DBA | MW-242 | 10/02/2002 | PROFILE | 110.00 | 110.00 | 17.00 | 17.00 | 8330N | PICRIC ACID | NO |
| G242DBA | MW-242 | 10/02/2002 | PROFILE | 110.00 | 110.00 | 17.00 | 17.00 | OC21V | 2-HEXANONE | |
| G242DBA | MW-242 | 10/02/2002 | PROFILE | 110.00 | 110.00 | 17.00 | 17.00 | OC21V | ACETONE | |
| G242DBA | MW-242 | 10/02/2002 | PROFILE | 110.00 | 110.00 | 17.00 | 17.00 | OC21V | BENZENE | |
| G242DBA | MW-242 | 10/02/2002 | PROFILE | 110.00 | 110.00 | 17.00 | 17.00 | OC21V | CHLOROETHANE | |
| G242DBA | MW-242 | 10/02/2002 | PROFILE | 110.00 | 110.00 | 17.00 | 17.00 | OC21V | METHYL ETHYL KETONE (2-BU | |
| G242DBA | MW-242 | 10/02/2002 | PROFILE | 110.00 | 110.00 | 17.00 | 17.00 | OC21V | TOLUENE | |

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TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 09/14/02 - 10/05/02

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

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SBD = SAMPLE COLLECTION BEGIN DEPTH IN FEET BGS

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

PDA/YES = Photo Diode Array, Detect Confirmed

PDA/NO = Photo Diode Array, Detect Not Confirmed

* = Interference in sample

TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 09/14/02 - 10/05/02

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|----------|------------------|------------|-----------|--------|--------|-------|-------|--------|-----------------------------|------|
| G242DDA | MW-242 | 10/02/2002 | PROFILE | 130.00 | 130.00 | 37.00 | 37.00 | OC21V | TOLUENE | |
| G242DEA | MW-242 | 10/02/2002 | PROFILE | 140.00 | 140.00 | 47.00 | 47.00 | 8330N | 1,3,5-TRINITROBENZENE | YES* |
| G242DEA | MW-242 | 10/02/2002 | PROFILE | 140.00 | 140.00 | 47.00 | 47.00 | 8330N | 1,3-DINITROBENZENE | NO |
| G242DEA | MW-242 | 10/02/2002 | PROFILE | 140.00 | 140.00 | 47.00 | 47.00 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| G242DEA | MW-242 | 10/02/2002 | PROFILE | 140.00 | 140.00 | 47.00 | 47.00 | 8330N | 2,4-DIAMINO-6-NITROTOLUENE | NO |
| G242DEA | MW-242 | 10/02/2002 | PROFILE | 140.00 | 140.00 | 47.00 | 47.00 | 8330N | 2,4-DINITROTOLUENE | NO |
| G242DEA | MW-242 | 10/02/2002 | PROFILE | 140.00 | 140.00 | 47.00 | 47.00 | 8330N | 2,6-DINITROTOLUENE | NO |
| G242DEA | MW-242 | 10/02/2002 | PROFILE | 140.00 | 140.00 | 47.00 | 47.00 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G242DEA | MW-242 | 10/02/2002 | PROFILE | 140.00 | 140.00 | 47.00 | 47.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1, | NO* |
| G242DEA | MW-242 | 10/02/2002 | PROFILE | 140.00 | 140.00 | 47.00 | 47.00 | 8330N | NITROBENZENE | NO |
| G242DEA | MW-242 | 10/02/2002 | PROFILE | 140.00 | 140.00 | 47.00 | 47.00 | 8330N | NITROGLYCERIN | NO |
| G242DEA | MW-242 | 10/02/2002 | PROFILE | 140.00 | 140.00 | 47.00 | 47.00 | 8330N | PICRIC ACID | NO |
| G242DEA | MW-242 | 10/02/2002 | PROFILE | 140.00 | 140.00 | 47.00 | 47.00 | OC21V | 2-HEXANONE | |
| G242DEA | MW-242 | 10/02/2002 | PROFILE | 140.00 | 140.00 | 47.00 | 47.00 | OC21V | ACETONE | |
| G242DEA | MW-242 | 10/02/2002 | PROFILE | 140.00 | 140.00 | 47.00 | 47.00 | OC21V | BENZENE | |
| G242DEA | MW-242 | 10/02/2002 | PROFILE | 140.00 | 140.00 | 47.00 | 47.00 | OC21V | METHYL ETHYL KETONE (2-BU | |
| G242DEA | MW-242 | 10/02/2002 | PROFILE | 140.00 | 140.00 | 47.00 | 47.00 | OC21V | TOLUENE | |
| G242DFA | MW-242 | 10/02/2002 | PROFILE | 150.00 | 150.00 | 57.00 | 57.00 | 8330N | 2,4,6-TRINITROTOLUENE | NO |
| G242DFA | MW-242 | 10/02/2002 | PROFILE | 150.00 | 150.00 | 57.00 | 57.00 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G242DFA | MW-242 | 10/02/2002 | PROFILE | 150.00 | 150.00 | 57.00 | 57.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1, | NO* |
| G242DFA | MW-242 | 10/02/2002 | PROFILE | 150.00 | 150.00 | 57.00 | 57.00 | 8330N | NITROGLYCERIN | NO |
| G242DFA | MW-242 | 10/02/2002 | PROFILE | 150.00 | 150.00 | 57.00 | 57.00 | 8330N | PICRIC ACID | NO |
| G242DFA | MW-242 | 10/02/2002 | PROFILE | 150.00 | 150.00 | 57.00 | 57.00 | OC21V | 2-HEXANONE | |
| G242DFA | MW-242 | 10/02/2002 | PROFILE | 150.00 | 150.00 | 57.00 | 57.00 | OC21V | ACETONE | |
| G242DFA | MW-242 | 10/02/2002 | PROFILE | 150.00 | 150.00 | 57.00 | 57.00 | OC21V | BENZENE | |
| G242DFA | MW-242 | 10/02/2002 | PROFILE | 150.00 | 150.00 | 57.00 | 57.00 | OC21V | CHLOROETHANE | |
| G242DFA | MW-242 | 10/02/2002 | PROFILE | 150.00 | 150.00 | 57.00 | 57.00 | OC21V | METHYL ETHYL KETONE (2-BU | |
| G242DFA | MW-242 | 10/02/2002 | PROFILE | 150.00 | 150.00 | 57.00 | 57.00 | OC21V | METHYL ISOBUTYL KETONE (4- | |
| G242DFA | MW-242 | 10/02/2002 | PROFILE | 150.00 | 150.00 | 57.00 | 57.00 | OC21V | TOLUENE | |
| G242DGA | MW-242 | 10/03/2002 | PROFILE | 160.00 | 160.00 | 67.00 | 67.00 | 8330N | 2,6-DINITROTOLUENE | NO |
| G242DGA | MW-242 | 10/03/2002 | PROFILE | 160.00 | 160.00 | 67.00 | 67.00 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G242DGA | MW-242 | 10/03/2002 | PROFILE | 160.00 | 160.00 | 67.00 | 67.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1, | YES* |

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SAMPLES COLLECTED 09/14/02 - 10/05/02

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|----------|------------------|------------|-----------|--------|--------|-------|-------|--------|-----------------------------|------|
| G242DGA | MW-242 | 10/03/2002 | PROFILE | 160.00 | 160.00 | 67.00 | 67.00 | 8330N | NITROGLYCERIN | NO |
| G242DGA | MW-242 | 10/03/2002 | PROFILE | 160.00 | 160.00 | 67.00 | 67.00 | 8330N | PICRIC ACID | NO |
| G242DGA | MW-242 | 10/03/2002 | PROFILE | 160.00 | 160.00 | 67.00 | 67.00 | OC21V | ACETONE | |
| G242DGA | MW-242 | 10/03/2002 | PROFILE | 160.00 | 160.00 | 67.00 | 67.00 | OC21V | BENZENE | |
| G242DGA | MW-242 | 10/03/2002 | PROFILE | 160.00 | 160.00 | 67.00 | 67.00 | OC21V | METHYL ETHYL KETONE (2-BU | |
| G242DGA | MW-242 | 10/03/2002 | PROFILE | 160.00 | 160.00 | 67.00 | 67.00 | OC21V | TOLUENE | |
| G242DHA | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | 8330N | 2,4-DIAMINO-6-NITROTOLUENE | NO |
| G242DHA | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | 8330N | 2,4-DINITROTOLUENE | NO |
| G242DHA | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | 8330N | 2,6-DINITROTOLUENE | NO |
| G242DHA | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G242DHA | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1, | YES* |
| G242DHA | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | 8330N | NITROBENZENE | NO |
| G242DHA | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | 8330N | NITROGLYCERIN | NO |
| G242DHA | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | 8330N | PICRIC ACID | NO |
| G242DHA | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | OC21V | 2-HEXANONE | |
| G242DHA | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | OC21V | ACETONE | |
| G242DHA | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | OC21V | CARBON DISULFIDE | |
| G242DHA | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | OC21V | CHLOROETHANE | |
| G242DHA | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | OC21V | CHLOROMETHANE | |
| G242DHA | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | OC21V | METHYL ETHYL KETONE (2-BU | |
| G242DHA | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | OC21V | METHYL ISOBUTYL KETONE (4- | |
| G242DHD | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | 8330N | 1,3,5-TRINITROBENZENE | YES* |
| G242DHD | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | 8330N | 1,3-DINITROBENZENE | NO |
| G242DHD | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | 8330N | 2,4-DIAMINO-6-NITROTOLUENE | NO |
| G242DHD | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | 8330N | 2,4-DINITROTOLUENE | NO |
| G242DHD | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | 8330N | 2,6-DINITROTOLUENE | NO |
| G242DHD | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G242DHD | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1, | YES* |
| G242DHD | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | 8330N | NITROBENZENE | NO |
| G242DHD | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | 8330N | NITROGLYCERIN | NO |
| G242DHD | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | 8330N | PICRIC ACID | NO |
| G242DHD | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | OC21V | 2-HEXANONE | |

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PDA/YES = Photo Diode Array, Detect Confirmed

PDA/NO = Photo Diode Array, Detect Not Confirmed

* = Interference in sample

TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 09/14/02 - 10/05/02

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|----------|------------------|------------|-----------|--------|--------|--------|--------|--------|-----------------------------|------|
| G242DHD | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | OC21V | ACETONE | |
| G242DHD | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | OC21V | CARBON DISULFIDE | |
| G242DHD | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | OC21V | CHLOROETHANE | |
| G242DHD | MW-242 | 10/03/2002 | PROFILE | 170.00 | 170.00 | 77.00 | 77.00 | OC21V | METHYL ETHYL KETONE (2-BU | |
| G242DIA | MW-242 | 10/03/2002 | PROFILE | 180.00 | 180.00 | 87.00 | 87.00 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G242DIA | MW-242 | 10/03/2002 | PROFILE | 180.00 | 180.00 | 87.00 | 87.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1, | YES* |
| G242DIA | MW-242 | 10/03/2002 | PROFILE | 180.00 | 180.00 | 87.00 | 87.00 | 8330N | PICRIC ACID | NO |
| G242DIA | MW-242 | 10/03/2002 | PROFILE | 180.00 | 180.00 | 87.00 | 87.00 | OC21V | ACETONE | |
| G242DIA | MW-242 | 10/03/2002 | PROFILE | 180.00 | 180.00 | 87.00 | 87.00 | OC21V | BENZENE | |
| G242DIA | MW-242 | 10/03/2002 | PROFILE | 180.00 | 180.00 | 87.00 | 87.00 | OC21V | CHLOROETHANE | |
| G242DIA | MW-242 | 10/03/2002 | PROFILE | 180.00 | 180.00 | 87.00 | 87.00 | OC21V | METHYL ETHYL KETONE (2-BU | |
| G242DIA | MW-242 | 10/03/2002 | PROFILE | 180.00 | 180.00 | 87.00 | 87.00 | OC21V | TOLUENE | |
| G242DJA | MW-242 | 10/04/2002 | PROFILE | 190.00 | 190.00 | 97.00 | 97.00 | 8330N | 1,3-DINITROBENZENE | NO |
| G242DJA | MW-242 | 10/04/2002 | PROFILE | 190.00 | 190.00 | 97.00 | 97.00 | 8330N | 2,6-DINITROTOLUENE | NO |
| G242DJA | MW-242 | 10/04/2002 | PROFILE | 190.00 | 190.00 | 97.00 | 97.00 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G242DJA | MW-242 | 10/04/2002 | PROFILE | 190.00 | 190.00 | 97.00 | 97.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1, | YES* |
| G242DJA | MW-242 | 10/04/2002 | PROFILE | 190.00 | 190.00 | 97.00 | 97.00 | 8330N | PICRIC ACID | NO |
| G242DJA | MW-242 | 10/04/2002 | PROFILE | 190.00 | 190.00 | 97.00 | 97.00 | OC21V | 2-HEXANONE | |
| G242DJA | MW-242 | 10/04/2002 | PROFILE | 190.00 | 190.00 | 97.00 | 97.00 | OC21V | ACETONE | |
| G242DJA | MW-242 | 10/04/2002 | PROFILE | 190.00 | 190.00 | 97.00 | 97.00 | OC21V | METHYL ETHYL KETONE (2-BU | |
| G242DJA | MW-242 | 10/04/2002 | PROFILE | 190.00 | 190.00 | 97.00 | 97.00 | OC21V | TOLUENE | |
| G242DKA | MW-242 | 10/04/2002 | PROFILE | 200.00 | 200.00 | 107.00 | 107.00 | 8330N | 2,6-DINITROTOLUENE | NO |
| G242DKA | MW-242 | 10/04/2002 | PROFILE | 200.00 | 200.00 | 107.00 | 107.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1, | YES* |
| G242DKA | MW-242 | 10/04/2002 | PROFILE | 200.00 | 200.00 | 107.00 | 107.00 | 8330N | NITROGLYCERIN | NO |
| G242DKA | MW-242 | 10/04/2002 | PROFILE | 200.00 | 200.00 | 107.00 | 107.00 | OC21V | 2-HEXANONE | |
| G242DKA | MW-242 | 10/04/2002 | PROFILE | 200.00 | 200.00 | 107.00 | 107.00 | OC21V | ACETONE | |
| G242DKA | MW-242 | 10/04/2002 | PROFILE | 200.00 | 200.00 | 107.00 | 107.00 | OC21V | BENZENE | |
| G242DKA | MW-242 | 10/04/2002 | PROFILE | 200.00 | 200.00 | 107.00 | 107.00 | OC21V | CHLOROETHANE | |
| G242DKA | MW-242 | 10/04/2002 | PROFILE | 200.00 | 200.00 | 107.00 | 107.00 | OC21V | METHYL ETHYL KETONE (2-BU | |
| G242DKA | MW-242 | 10/04/2002 | PROFILE | 200.00 | 200.00 | 107.00 | 107.00 | OC21V | TOLUENE | |
| G242DLA | MW-242 | 10/04/2002 | PROFILE | 210.00 | 210.00 | 117.00 | 117.00 | 8330N | 2,6-DINITROTOLUENE | NO |
| G242DLA | MW-242 | 10/04/2002 | PROFILE | 210.00 | 210.00 | 117.00 | 117.00 | 8330N | 2-NITROTOLUENE | NO |

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PDA/YES = Photo Diode Array, Detect Confirmed

PDA/NO = Photo Diode Array, Detect Not Confirmed

* = Interference in sample

TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 09/14/02 - 10/05/02

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|----------|------------------|------------|-----------|--------|--------|--------|--------|--------|-----------------------------|------|
| G242DLA | MW-242 | 10/04/2002 | PROFILE | 210.00 | 210.00 | 117.00 | 117.00 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G242DLA | MW-242 | 10/04/2002 | PROFILE | 210.00 | 210.00 | 117.00 | 117.00 | 8330N | 4-NITROTOLUENE | NO |
| G242DLA | MW-242 | 10/04/2002 | PROFILE | 210.00 | 210.00 | 117.00 | 117.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1, | YES* |
| G242DLA | MW-242 | 10/04/2002 | PROFILE | 210.00 | 210.00 | 117.00 | 117.00 | 8330N | NITROGLYCERIN | NO |
| G242DLA | MW-242 | 10/04/2002 | PROFILE | 210.00 | 210.00 | 117.00 | 117.00 | OC21V | BENZENE | |
| G242DLA | MW-242 | 10/04/2002 | PROFILE | 210.00 | 210.00 | 117.00 | 117.00 | OC21V | ETHYLBENZENE | |
| G242DLA | MW-242 | 10/04/2002 | PROFILE | 210.00 | 210.00 | 117.00 | 117.00 | OC21V | METHYL ETHYL KETONE (2-BU | |
| G242DMA | MW-242 | 10/04/2002 | PROFILE | 220.00 | 220.00 | 127.00 | 127.00 | 8330N | 2,4-DINITROTOLUENE | NO |
| G242DMA | MW-242 | 10/04/2002 | PROFILE | 220.00 | 220.00 | 127.00 | 127.00 | 8330N | 2-NITROTOLUENE | NO |
| G242DMA | MW-242 | 10/04/2002 | PROFILE | 220.00 | 220.00 | 127.00 | 127.00 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G242DMA | MW-242 | 10/04/2002 | PROFILE | 220.00 | 220.00 | 127.00 | 127.00 | 8330N | 4-NITROTOLUENE | NO |
| G242DMA | MW-242 | 10/04/2002 | PROFILE | 220.00 | 220.00 | 127.00 | 127.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1, | YES* |
| G242DMA | MW-242 | 10/04/2002 | PROFILE | 220.00 | 220.00 | 127.00 | 127.00 | 8330N | NITROGLYCERIN | NO |
| G242DMA | MW-242 | 10/04/2002 | PROFILE | 220.00 | 220.00 | 127.00 | 127.00 | 8330N | PICRIC ACID | NO |
| G242DMA | MW-242 | 10/04/2002 | PROFILE | 220.00 | 220.00 | 127.00 | 127.00 | OC21V | BENZENE | |
| G242DMA | MW-242 | 10/04/2002 | PROFILE | 220.00 | 220.00 | 127.00 | 127.00 | OC21V | ETHYLBENZENE | |
| G242DMA | MW-242 | 10/04/2002 | PROFILE | 220.00 | 220.00 | 127.00 | 127.00 | OC21V | METHYL ETHYL KETONE (2-BU | |
| G242DNA | MW-242 | 10/04/2002 | PROFILE | 230.00 | 230.00 | 137.00 | 137.00 | 8330N | 2,4-DINITROTOLUENE | NO |
| G242DNA | MW-242 | 10/04/2002 | PROFILE | 230.00 | 230.00 | 137.00 | 137.00 | 8330N | 2-AMINO-4,6-DINITROTOLUENE | NO |
| G242DNA | MW-242 | 10/04/2002 | PROFILE | 230.00 | 230.00 | 137.00 | 137.00 | 8330N | 2-NITROTOLUENE | NO |
| G242DNA | MW-242 | 10/04/2002 | PROFILE | 230.00 | 230.00 | 137.00 | 137.00 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G242DNA | MW-242 | 10/04/2002 | PROFILE | 230.00 | 230.00 | 137.00 | 137.00 | 8330N | 4-NITROTOLUENE | NO* |
| G242DNA | MW-242 | 10/04/2002 | PROFILE | 230.00 | 230.00 | 137.00 | 137.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1, | YES* |
| G242DNA | MW-242 | 10/04/2002 | PROFILE | 230.00 | 230.00 | 137.00 | 137.00 | 8330N | NITROGLYCERIN | NO |
| G242DNA | MW-242 | 10/04/2002 | PROFILE | 230.00 | 230.00 | 137.00 | 137.00 | 8330N | PICRIC ACID | NO |
| G242DNA | MW-242 | 10/04/2002 | PROFILE | 230.00 | 230.00 | 137.00 | 137.00 | OC21V | BENZENE | |
| G242DNA | MW-242 | 10/04/2002 | PROFILE | 230.00 | 230.00 | 137.00 | 137.00 | OC21V | CHLOROETHANE | |
| G242DNA | MW-242 | 10/04/2002 | PROFILE | 230.00 | 230.00 | 137.00 | 137.00 | OC21V | ETHYLBENZENE | |
| G242DNA | MW-242 | 10/04/2002 | PROFILE | 230.00 | 230.00 | 137.00 | 137.00 | OC21V | METHYL ETHYL KETONE (2-BU | |
| G242DNA | MW-242 | 10/04/2002 | PROFILE | 230.00 | 230.00 | 137.00 | 137.00 | OC21V | TOLUENE | |
| G242DOA | MW-242 | 10/07/2002 | PROFILE | 240.00 | 240.00 | 147.00 | 147.00 | 8330N | 2,4-DIAMINO-6-NITROTOLUENE | NO |
| G242DOA | MW-242 | 10/07/2002 | PROFILE | 240.00 | 240.00 | 147.00 | 147.00 | 8330N | 2,6-DINITROTOLUENE | NO |

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TABLE 3
DETECTED COMPOUNDS-UNVALIDATED
SAMPLES COLLECTED 09/14/02 - 10/05/02

| OGDEN_ID | LOCID OR WELL ID | SAMPLED | SAMP_TYPE | SBD | SED | BWTS | BWTE | METHOD | OGDEN_ANALYTE | PDA |
|----------|------------------|------------|-----------|--------|--------|--------|--------|--------|-----------------------------|------|
| G242DOA | MW-242 | 10/07/2002 | PROFILE | 240.00 | 240.00 | 147.00 | 147.00 | 8330N | 2-AMINO-4,6-DINITROTOLUENE | NO |
| G242DOA | MW-242 | 10/07/2002 | PROFILE | 240.00 | 240.00 | 147.00 | 147.00 | 8330N | 2-NITROTOLUENE | NO |
| G242DOA | MW-242 | 10/07/2002 | PROFILE | 240.00 | 240.00 | 147.00 | 147.00 | 8330N | 4-AMINO-2,6-DINITROTOLUENE | NO |
| G242DOA | MW-242 | 10/07/2002 | PROFILE | 240.00 | 240.00 | 147.00 | 147.00 | 8330N | 4-NITROTOLUENE | NO |
| G242DOA | MW-242 | 10/07/2002 | PROFILE | 240.00 | 240.00 | 147.00 | 147.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1, | YES* |
| G242DOA | MW-242 | 10/07/2002 | PROFILE | 240.00 | 240.00 | 147.00 | 147.00 | 8330N | NITROGLYCERIN | NO |
| G242DOA | MW-242 | 10/07/2002 | PROFILE | 240.00 | 240.00 | 147.00 | 147.00 | 8330N | PICRIC ACID | NO |
| G242DOA | MW-242 | 10/07/2002 | PROFILE | 240.00 | 240.00 | 147.00 | 147.00 | OC21V | ACETONE | |
| G242DOA | MW-242 | 10/07/2002 | PROFILE | 240.00 | 240.00 | 147.00 | 147.00 | OC21V | ETHYLBENZENE | |
| G242DPA | MW-242 | 10/07/2002 | PROFILE | 250.00 | 250.00 | 157.00 | 157.00 | 8330N | 3-NITROTOLUENE | NO |
| G242DPA | MW-242 | 10/07/2002 | PROFILE | 250.00 | 250.00 | 157.00 | 157.00 | 8330N | HEXAHYDRO-1,3,5-TRINITRO-1, | YES* |
| G242DPA | MW-242 | 10/07/2002 | PROFILE | 250.00 | 250.00 | 157.00 | 157.00 | 8330N | NITROGLYCERIN | NO |
| G242DPA | MW-242 | 10/07/2002 | PROFILE | 250.00 | 250.00 | 157.00 | 157.00 | 8330N | PICRIC ACID | NO |
| G242DPA | MW-242 | 10/07/2002 | PROFILE | 250.00 | 250.00 | 157.00 | 157.00 | OC21V | ACETONE | |
| G242DPA | MW-242 | 10/07/2002 | PROFILE | 250.00 | 250.00 | 157.00 | 157.00 | OC21V | METHYL ETHYL KETONE (2-BU | |

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