

**WEEKLY PROGRESS UPDATE  
FOR JULY 8 – JULY 12, 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 8 through July 12, 2002.

**1. SUMMARY OF ACTIONS TAKEN**

Drilling progress as of July 12 is summarized in Table 1.

<b>Table 1. Drilling progress as of July 12, 2002</b>				
<b>Boring Number</b>	<b>Purpose of Boring/Well</b>	<b>Total Depth (ft bgs)</b>	<b>Saturated Depth (ft bwt)</b>	<b>Completed Well Screens (ft bgs)</b>
MW-226	Bourne Upgradient (BP-1)	306	192	285-295, 175-185, 135-145
MW-228	J-2 Range (J2P-15)	320	215	
MW-229	J-2 Range (J2P-13)	310	198	
MW-230	J-2 Range (J2P-14)	280	174	
bgs = below ground surface bwt = below water table				

Completed well installation of MW-226 (BP-1), completed drilling of MW-228 (J2P-15), continued drilling of MW-229 (J2P-13) and commenced drilling of MW-230 (J2P-14). 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 and MW-230. Groundwater samples were collected from Bourne supply wells and monitoring wells and as part of the Site-Wide Perchlorate sampling. Water samples were collected from the GAC treatment system and from the FS-12 treatment system. Soil samples were collected from soil cuttings of recently installed wells.

As part of the Munitions Survey Project, pre-detonation and post-detonation soil samples were collected from the Eastern Test and Scar Rocket sites.

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

### Participants

Ben Gregson (IAGWSPO)	MAJ Bill Myer (IAGWSPO)	Tin a Dolen (IAGWSPO)
Karen Wilson (IAGWSPO)	Bill Gallagher (IAGWSPO)	Desiree Moyer (EPA)
Len Pinaud (MADEP)	Dave Williams (MDPH)	Gina Tyo (Army Corps)
Ellen Iorio (Army Corps)	Rob Foti (Army Corps)	John McPherson (Army Corps)
Marc Grant (AMEC)	Kim Harriz (AMEC)	Maria Pologruto (AMEC)
Mike Goydas (Jacobs)	Ken Valder (Tetra Tech)	Leo Montroy (Tt-phone)
Susan Stewart (Tt-phone)		

### 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 expedite.
- #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 15<sup>th</sup>. 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 be cleared. 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 19<sup>th</sup>.
- 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 counterproductive 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.
- 1<sup>st</sup> Priority Remaining HUTA2 Site Reports. EPA will try to provide comments on the majority of transects next week.
- 2<sup>nd</sup> 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 22<sup>nd</sup>.
- 3<sup>rd</sup> 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 18<sup>th</sup> Tech meeting tentatively canceled pending concurrence by EPA representatives.

## 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:

- Groundwater samples from Bourne test well 1-88A had a detection of toluene. The results were similar to previous sampling rounds.
- Groundwater samples from Bourne monitoring well 02-02S had a detection of perchlorate. This is the first time perchlorate has been detected in this well.
- Twenty groundwater samples and duplicates from Bourne test and monitoring wells had detections of perchlorate
- Groundwater profile samples from MW-228 (J2P-15) had detections of 1,3,5-trinitrobenzene (1 interval), 1,3-dinitrobenzene (3 intervals), 2,4-DNT (1 interval), 2,6-DANT (1 interval), 2,6-DNT (2 intervals), 2-nitrotoluene (3 intervals), 4-nitrotoluene (4 intervals), RDX (1 interval), nitroglycerin (13 intervals), HMX (1 interval), picric acid (8 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 detections of 2,6-DANT, 2-nitrotoluene and one detection of nitroglycerin were confirmed by PDA spectra, but with interference.
- Groundwater profile samples from MW-229 (J2P-13) had detections of perchlorate (3 intervals), 2-hexanone (2 intervals), acetone (20 intervals), chloroethane (1 interval),

chloroform (14 intervals), chloromethane (6 intervals), 2-butanone (20 intervals) and methyl isobutyl ketone (2 intervals).

- Groundwater profile samples from MW-230 (J2P-14) had detections of perchlorate (3 intervals), 2-hexanone (9 intervals), acetone (15 intervals), benzene (2 intervals), chloroethane (3 intervals), chloroform (9 intervals), chloromethane (11 intervals), 2-butanone (15 intervals), methyl isobutyl ketone (6 intervals), and toluene (5 intervals).

### 3. DELIVERABLES SUBMITTED

June 2002 Monthly Progress Report	06/09/02
Weekly Progress Update for July 1 – July 5, 2002	06/11/02
Final IAGWSP Technical Memo 02-1 Former A, Former K, and Demo Area 2 Report	06/12/02

### 4. SCHEDULED ACTIONS

Scheduled actions for the week of July 15 include complete well installation of MW-228 (J2P-15), complete drilling of MW-229 (J2P-13) and MW-230 (J2P-14), and commence drilling of MW-231 (D1P-14).

### 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.

TABLE 2  
 SAMPLING PROGRESS  
 07/5/2002 - 07/13/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
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		
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		
90PZ0201E	FIELDQC	07/10/2002	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		

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  
 07/5/2002 - 07/13/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
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		
G230DCE	FIELDQC	07/10/2002	FIELDQC	0.00	0.00		
TW1-88AE	FIELDQC	07/11/2002	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		
W02-13M2T	FIELDQC	07/11/2002	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		
W193SSE	FIELDQC	07/11/2002	FIELDQC	0.00	0.00		
W195SST	FIELDQC	07/12/2002	FIELDQC	0.00	0.00		
W196SSE	FIELDQC	07/12/2002	FIELDQC	0.00	0.00		
W55SST	FIELDQC	07/10/2002	FIELDQC	0.00	0.00		
4036000-01G	4036000-01G	07/10/2002	GROUNDWATER				
4036000-03G	4036000-03G	07/10/2002	GROUNDWATER				
4036000-04G	4036000-04G	07/10/2002	GROUNDWATER				
4036000-06G	4036000-06G	07/10/2002	GROUNDWATER				
90PZ0201	90PZ0201	07/10/2002	GROUNDWATER	78.20	107.10	65.30	94.20
97-5	97-5	07/08/2002	GROUNDWATER	88.00	94.00	76.00	86.00
TW1-88AA	1-88	07/11/2002	GROUNDWATER				67.40
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
W02-12M1A	02-12	07/10/2002	GROUNDWATER	109.00	119.00	58.35	68.35
W02-12M2A	02-12	07/10/2002	GROUNDWATER	94.00	104.00	43.21	53.21
W02-12M3A	02-12	07/10/2002	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	07/11/2002	GROUNDWATER	98.00	108.00	58.33	68.33
W02-13M2A	02-13	07/11/2002	GROUNDWATER	83.00	93.00	44.20	54.20
W02-13M3A	02-13	07/12/2002	GROUNDWATER	68.00	78.00	28.30	38.30
W02-15M1A	02-15	07/12/2002	GROUNDWATER	125.00	135.00	75.63	85.63
W02-15M3A	02-15	07/12/2002	GROUNDWATER	81.00	91.00	31.40	41.40
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
W137SSA	MW-137	07/08/2002	GROUNDWATER	105.40	115.40	1.00	11.00
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

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  
 07/5/2002 - 07/13/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
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
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
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
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
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
W196SSA	MW-196	07/12/2002	GROUNDWATER	32.00	37.00	0.00	5.00
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
W42M3A	MW-42	07/09/2002	GROUNDWATER	165.80	175.80	98.00	108.00
W46DDA	MW-46	07/12/2002	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	07/12/2002	GROUNDWATER	182.00	192.00	23.00	33.00
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
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
DW070902	GAC WATER	07/09/2002	IDW				
DW071002	GAC WATER	07/10/2002	IDW				
SC20901	SOIL CUTTINGS	07/12/2002	IDW				
SC21001	SOIL CUTTINGS	07/12/2002	IDW				
SC21101	SOIL CUTTINGS	07/12/2002	IDW				
SC21201	SOIL CUTTINGS	07/12/2002	IDW				
SC21301	SOIL CUTTINGS	07/12/2002	IDW				
SC21401	SOIL CUTTINGS	07/12/2002	IDW				
SC21501	SOIL CUTTINGS	07/12/2002	IDW				
SC21601	SOIL CUTTINGS	07/12/2002	IDW				
SC22001	SOIL CUTTINGS	07/12/2002	IDW				
SC22101	SOIL CUTTINGS	07/12/2002	IDW				
SC22201	SOIL CUTTINGS	07/12/2002	IDW				
SC22301	SOIL CUTTINGS	07/12/2002	IDW				

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  
 07/5/2002 - 07/13/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
SC22401	SOIL CUTTINGS	07/12/2002	IDW				
SC22501	SOIL CUTTINGS	07/12/2002	IDW				
SC22601	SOIL CUTTINGS	07/12/2002	IDW				
FS12TSEF	FS12TSEF	07/08/2002	PROCESS WATER				
FS12TSIN	FS12TSIN	07/08/2002	PROCESS WATER				
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
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

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

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TABLE 2  
 SAMPLING PROGRESS  
 07/5/2002 - 07/13/2002

OGDEN_ID	LOCID OR WELL ID	DATE SAMPLED	SAMPLE TYPE	SBD	SED	BWTS	BWTE
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
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	53.62	53.62
G230DFA	MW-230	07/10/2002	PROFILE	160.00	160.00	63.62	63.62
G230DGA	MW-230	07/10/2002	PROFILE	170.00	170.00	73.62	73.62
G230DHA	MW-230	07/10/2002	PROFILE	180.00	180.00	83.62	83.62
G230DIA	MW-230	07/10/2002	PROFILE	190.00	190.00	93.62	93.62
G230DJA	MW-230	07/10/2002	PROFILE	200.00	200.00	103.62	103.62
G230DKA	MW-230	07/10/2002	PROFILE	210.00	210.00	113.62	113.62
G230DLA	MW-230	07/10/2002	PROFILE	220.00	220.00	123.62	123.62
G230DMA	MW-230	07/10/2002	PROFILE	230.00	230.00	133.62	133.62
G230DNA	MW-230	07/11/2002	PROFILE	240.00	240.00	143.62	143.62
G230DOA	MW-230	07/11/2002	PROFILE	250.00	250.00	153.62	153.62
G230DPA	MW-230	07/12/2002	PROFILE	260.00	240.00	163.62	143.62
G230DQA	MW-230	07/12/2002	PROFILE	270.00	250.00	173.62	153.62

Profiling methods include: Volatiles, Explosives and Perchlorate

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TABLE 3  
DETECTED COMPOUNDS-UNVALIDATED  
SAMPLES COLLECTED 06/28/02 - 07/13/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
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	
TW1-88AA	1-88	07/11/2002	GROUNDWATER				67.40	OC21V	TOLUENE	
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	E314.0	PERCHLORATE	
W02-02SSA	02-02	07/08/2002	GROUNDWATER	49.50	59.50	0.00	10.00	OC21V	CHLOROFORM	
W02-12M1A	02-12	07/03/2002	GROUNDWATER	109.00	119.00	58.35	68.35	OC21V	CHLOROFORM	
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	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	
W129M1A	MW-129	07/10/2002	GROUNDWATER	136.00	146.00	66.00	76.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	YES
W129M2A	MW-129	07/10/2002	GROUNDWATER	116.00	126.00	46.00	56.00	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,	YES
W129M2A	MW-129	07/10/2002	GROUNDWATER	116.00	126.00	46.00	56.00	8330NX	HEXAHYDRO-1-MONONITROSC	YES
W129M2A	MW-129	07/10/2002	GROUNDWATER	116.00	126.00	46.00	56.00	8330NX	OCTAHYDRO-1,3,5,7-TETRANIT	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
W193M1A	MW-193	07/11/2002	GROUNDWATER	57.00	62.00	23.80	28.80	8330N	OCTAHYDRO-1,3,5,7-TETRANIT	YES
W193SSA	MW-193	07/11/2002	GROUNDWATER	31.00	36.00	0.00	10.00	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	YES
G228DCA	MW-228	07/08/2002	PROFILE	140.00	140.00	34.50	34.50	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,	YES
G228DCA	MW-228	07/08/2002	PROFILE	140.00	140.00	34.50	34.50	8330N	NITROGLYCERIN	NO

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

SBD = SAMPLE COLLECTION BEGIN DEPTH IN FEET BGS

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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 06/28/02 - 07/13/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
G228DCA	MW-228	07/08/2002	PROFILE	140.00	140.00	34.50	34.50	8330N	OCTAHYDRO-1,3,5,7-TETRANIT	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-BU	
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-BU	
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-BU	
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-BU	
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-BU	
G228DGA	MW-228	07/08/2002	PROFILE	180.00	180.00	74.50	74.50	OC21V	METHYL ISOBUTYL KETONE (4-	
G228DHA	MW-228	07/08/2002	PROFILE	190.00	190.00	84.50	84.50	8330N	2,6-DINITROTOLUENE	YES
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-BU	
G228DHA	MW-228	07/08/2002	PROFILE	190.00	190.00	84.50	84.50	OC21V	METHYL ISOBUTYL KETONE (4-	
G228DHA	MW-228	07/08/2002	PROFILE	190.00	190.00	84.50	84.50	OC21V	METHYLENE CHLORIDE	

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SAMPLES COLLECTED 06/28/02 - 07/13/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
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-BU	
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-BU	
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-BU	
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
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-BU	

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TABLE 3  
DETECTED COMPOUNDS-UNVALIDATED  
SAMPLES COLLECTED 06/28/02 - 07/13/02

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	OC21V	METHYL ISOBUTYL KETONE (4-	
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-BU	
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-BU	
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-BU	
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-BU	
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-BU	
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	

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
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-BU*	
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-BU*	
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-BU*	
G229DAD	MW-229	07/09/2002	PROFILE	120.00	120.00	7.50	7.50	OC21V	METHYL ISOBUTYL KETONE (4-	
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-BU*	
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-BU*	
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	
G229DDA	MW-229	07/09/2002	PROFILE	150.00	150.00	37.50	37.50	OC21V	METHYL ETHYL KETONE (2-BU*	
G229DDA	MW-229	07/09/2002	PROFILE	150.00	150.00	37.50	37.50	OC21V	METHYL ISOBUTYL KETONE (4-	
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-BU*	
G229DFA	MW-229	07/10/2002	PROFILE	170.00	170.00	57.50	57.50	8330N	NITROGLYCERIN	NO

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OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
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-BU*	
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-BU*	
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-BU*	
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-BU*	
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-BU*	
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	
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-BU*	
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-BU*	
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	

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G229DMA	MW-229	07/11/2002	PROFILE	240.00	240.00	127.50	127.50	OC21V	METHYL ETHYL KETONE (2-BU*	
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-BU*	
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-BU*	
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-BU*	
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-BU*	
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-BU*	
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-BU*	
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-BU*	
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-BU*	
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-BU*	
G230DBA	MW-230	07/09/2002	PROFILE	120.00	120.00	13.62	13.62	OC21V	METHYL ISOBUTYL KETONE (4-	
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	E314.0	PERCHLORATE	

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TABLE 3  
DETECTED COMPOUNDS-UNVALIDATED  
SAMPLES COLLECTED 06/28/02 - 07/13/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
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	
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	OC21V	METHYL ETHYL KETONE (2-BU	
G230DCA	MW-230	07/09/2002	PROFILE	130.00	130.00	23.62	23.62	OC21V	METHYL ISOBUTYL KETONE (4-	
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,	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-BU	
G230DDA	MW-230	07/10/2002	PROFILE	140.00	140.00	33.62	33.62	OC21V	METHYL ISOBUTYL KETONE (4-	
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,	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-BU	
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,	NO
G230DED	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	8330N	NITROGLYCERIN	NO

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DETECTED COMPOUNDS-UNVALIDATED  
SAMPLES COLLECTED 06/28/02 - 07/13/02

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	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	
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-BU	
G230DED	MW-230	07/10/2002	PROFILE	150.00	150.00	43.62	43.62	OC21V	METHYL ISOBUTYL KETONE (4-	
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,	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-BU	
G230DFA	MW-230	07/10/2002	PROFILE	160.00	160.00	53.62	53.62	OC21V	METHYL ISOBUTYL KETONE (4-	
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,	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-BU	
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	

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SAMPLES COLLECTED 06/28/02 - 07/13/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
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-BU*	
G230DHA	MW-230	07/10/2002	PROFILE	180.00	180.00	73.62	73.62	OC21V	METHYL ISOBUTYL KETONE (4-	
G230DIA	MW-230	07/10/2002	PROFILE	190.00	190.00	83.62	83.62	8330N	NITROGLYCERIN	NO
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-BU*	
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-BU*	
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-BU*	
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-BU*	
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-BU*	
G230DNA	MW-230	07/11/2002	PROFILE	240.00	240.00	133.62	133.62	8330N	NITROGLYCERIN	NO

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 DETECTED COMPOUNDS-UNVALIDATED  
 SAMPLES COLLECTED 06/28/02 - 07/13/02

OGDEN_ID	LOCID OR WELL ID	SAMPLED	SAMP_TYPE	SBD	SED	BWTS	BWTE	METHOD	OGDEN_ANALYTE	PDA
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-BU	
G230DOA	MW-230	07/11/2002	PROFILE	250.00	250.00	143.62	143.62	8330N	NITROGLYCERIN	NO
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-BU	

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PDA/NO = Photo Diode Array, Detect Not Confirmed

\* = Interference in sample