

**INTERIM MONTH REPORT
FOR AUGUST 1 – AUGUST 12, 2005**

EPA REGION I ADMINISTRATIVE ORDERS SDWA 1-97-1019 and 1-2000-0014

**MASSACHUSETTS MILITARY RESERVATION
TRAINING RANGE AND IMPACT AREA**

The following summary of progress is for the period from August 1 through August 12, 2005.

1. SUMMARY OF REMEDIATION ACTIONS

The following is a description of remediation actions taken as part of or in preparation for Rapid Response Action (RRA) Plans for various Areas of Concern at Camp Edwards through August 12, 2005. A Rapid Response Action is an interim action that may be conducted prior to risk assessments or remedial investigations to address a known, ongoing threat of contamination to groundwater and/or soil.

Demo Area 1 Groundwater RRA

The Demo Area 1 Groundwater RRA consists of the removal and treatment of contaminated groundwater to control further migration of explosives and perchlorate. Extraction, treatment, and recharge systems (ETR) at Frank Perkins Road and Pew Road include single extraction wells, ex-situ treatment processes to remove explosives and perchlorate from the groundwater, and injection wells to return treated water to the aquifer.

The Pew Road ETR continues operation at a flow rate of 100 gallons per minute (gpm). Perchlorate and hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) have been detected in influent samples. The Granular Activated Carbon (GAC) media was exchanged in the first and second pair of treatment vessels on March 9, 2005. Perchlorate breakthrough was detected after the first pair of GAC vessels and has not been detected after the second pair of GAC vessels. RDX has not been detected in any mid-fluent samples. Perchlorate and RDX have not been detected in samples collected from the effluent. The second GAC exchange (first and second pair of vessels) was conducted on August 1, 2005. The system was backwashed following the GAC exchange and placed back on-line August 3, 2005. As of August 12, 2005, approximately 46 million gallons of water have been treated and re-injected at the Pew Road ETR System.

The Frank Perkins Road ETR continues operation at a flow rate of 220 gpm. Perchlorate, RDX, and octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) have been detected in influent samples. Perchlorate was detected in mid-fluent samples collected after the first pair of GAC vessels in each of the three treatment containers. The GAC vessels are followed by ion exchange (IX) vessels, which are designed for treatment of perchlorate. Perchlorate and RDX have not been detected in mid-fluent samples collected after the IX vessels or in effluent samples. As of August 12, 2005, approximately 100 million gallons of water had been treated and re-injected at the Frank Perkins Road ETR System.

Demo Area 1 Soil RRA

The Demo Area 1 Soil RRA consists of the removal of all geophysical anomalies within the perimeter road (7.4 acres) and the removal and thermal treatment of contaminated soil from in and around the Demo 1 kettle hole. A total of 16,641 cubic yards of soil was excavated at Demo Area 1, with an additional 195 cubic yards excavated at Demo Area 1 burn pits.

All equipment and debris has been removed from Demo Area 1 and a completion of work report is being prepared.

Impact Area Soil RRA

The Impact Area Soil RRA consists of the removal and treatment of contaminated soil and targets at Targets 23 and 42. A total of 590 cubic yards was removed from Target 23 and a total of 796 cubic yards was removed from Target 42 and treated in the Thermal Treatment Unit.

Site work was not conducted for the Impact Area soil RRA during the period of August 1 - 12, 2005.

J-2 Range Soil RRA

The J-2 Range Soil RRA consists of the removal and treatment of soil in six general areas within the J-2 Range that contain explosives and perchlorate. Soil removal locations include Twin Berms Area, Berm 2, Berm 5, Fixed Firing Points 3 and 4 (FFP-3 and 4) and adjacent Range Road Burn Area (RRBA), Disposal Area 1, and Disposal Area 2. A total of 6,236 cubic yards of soil was excavated and treated in the Thermal Treatment Unit.

UXO clearance and post-excavation sampling continued at the J-2 Range Polygon 2

J-3 Range Soil RRA

The J-3 Range Soil RRA consists of the removal and treatment of contaminated soil from the Demolition Area and Melt/Pour Building Area. A total of 1,085 cubic yards of soil was excavated from the Demolition Area. A total of 1,146 cubic yards of soil was excavated from the Melt/Pour Building Area. Soil has been treated in the Thermal Treatment Unit or containerized for off-site disposal.

Site work was not conducted for the J-3 Range soil RRA during the period of August 1 - 12, 2005.

2. SUMMARY OF ACTIONS TAKEN

Drilling progress as of August 12, 2005 is summarized in Table 1.

Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Depth to Water Table (ft bgs)	Completed Well Screens (ft bgs)
DP-371	J-2 Range (J2E-DP1)	212	100	
DP-375	Northwest Corner (CP-32C)	158	83	
DP-377	J-2 Range (J2E-DP2)	191	59	
DP-378	J-1 Range (J1E-DP1)	171	82	
DP-379	J-1 Range (J1E-DP2)	191	91	
DP-382	Peters Pond Rd (DP-PP3)	173	89	
DP-384	J-1 Range (J1E-DP3)	182	95	
DP-385	J-1 Range (J1E-DP4)	168	82	
DP-386	J-1 Range (J1E-DP5)	185	91	
DP-387	J-1 Range (J1E-DP6)	165	94	
MW-388	J-2 Range (J2P-57/15E)	293	71	86-96; 145-155; 175-185
DP-389	J-1 Range (J1E-DP10)	163	88	
DP-390	J-1 Range (J1E-DP11)	162	88	
DP-391	J-1 Range (J1E-DP12)	151	96	
MW-392	J-3 Range (J3P-40)	260	101	

ft bgs = feet below ground surface

Completed well installation at MW-388 (J2P-47/15E). Completed drilling at DP-387 (J1E-DP6) and commenced drilling at DP-375 (CP-32C1) and MW-392 (J3P-40). Well development of recently installed wells continued.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from DP-375, DP-387, and MW-392. Groundwater samples were collected from recently installed wells and as part of the August round of the 2005 Long-Term Groundwater Monitoring (LTGM) Plan. The August round of the 2005 Demo 1 SPEIM plan was completed. Pre- and post-BIP soil samples were collected at the J-2 Range. Post-BIP samples were collected from the detonation of ordnance conducted in the High Use Target Area (HUTA) on August 4. A post-excavation sample was collected in July at Polygon 2 in the J-2 Range as part of the soil RRA. This sample was not previously reported and is included in Table 2. Process water samples were collected from the Pew Road ETR system. Surface water samples were collected near a public beach, a private beach, and near the spit at Snake Pond.

The following are the notes from the August 11, 2005 Technical Team meeting of the Impact Area Groundwater Study Program office at Camp Edwards:

Southeast Ranges Update - J-1 East

- Dave Hill (IAGWSP) and Jay Ehret (USACE) discussed the status of J-1 East groundwater investigation. A Project Note summarizing the planned investigation approach was submitted to the agencies last Friday. Pending approval from the Board of Selectman, it is anticipated that drilling at the fire station location will begin before mid-September. The existing well at this location will be extended depth-wise using a drive point rig. The ROA paperwork for the proposed locations (five proposed locations, including two contingency locations) on Grand

Oak and Little Acorn Roads was submitted on August 10, 2005. Permanent wells using the sonic drill rig will be installed at these locations. Jane Dolan (EPA) stated that she will be submitting comments on the Project Note for the investigation approach. Mr. Hill stated that preparation of the Project Note on the groundwater contamination source identification is underway and will be submitted in approximately one week.

- Pam Richardson (IAGWSP) reported on the status of the residential well sampling on East, West, and Park Roads. Eighteen letters have been sent out. To date, four home owners have responded and granted permission to have their wells sampled. One resident uses their well for irrigation only. Sampling at the other three locations will occur next week. Lynne Jennings (EPA) asked for a map showing the residences in this area and for an information fact sheet, which was requested at a public meeting last week. Ms. Richardson stated that she can provide this information today.
- Ms. Richardson reported on the status of the AFCEE irrigation wells. The AFCEE wells are irrigation wells that have been sampled in the past (approximately 1999), and are in close proximity to the base. To date, IAGWSP has received responses from 6 of 10 requests to sample these locations. Two respondents granted permission to sample; one denied permission; and three wells no longer exist. The two locations where permission to sample granted will be added to next week's sampling schedule.
- Mr. Ehret stated that Peters Pond resident sampling is scheduled to occur on August 30, 2005. Ms. Dolan has made arrangements for sample analysis using the low level analytical method at the EPA Laboratory.
- Ms. Jennings mentioned that the USGS investigation (well installations using USGS drill rig) at the residential location near Peters Pond has been approved, and is anticipated to begin approximately August 29, 2005.

Southeast Ranges Update – J-2 East

- Jay Ehret (USACE) reported on the status of the J2 East investigation. Location J2E-20/J2P-60 (on the Coast Guard access road) and J2E-12/J2P-58 (on Jefferson Road) are scheduled to begin drilling on August 15, and August 24, respectively. Well installation at these locations will occur in early September.

Southeast Ranges Update – J-1 Supplemental Geophysical Investigation

- Darrin Smith (USACE) provided an update on the status of the J-1 Supplemental Investigation. They are currently working on the fourth grid (K-36) of the seventeen identified priority 1 grids. The investigation in grids J-12 and K-34 is complete. No Munitions and Explosives of Concern (MEC) burial pits or burn pits were uncovered in these grids. In Grid I-30, which is partially complete, no MEC burial or burn pits have been uncovered, and most of the targeted anomalies investigated have been single impacted 81mm mortars. In grid K-36, where investigation continues, two MEC burial pits have been uncovered to date. One of these MEC burial pits (K36-BLP-001) contained multiple electronic explosive devices (EEDs) and stab detonators (both MEC) and various munitions debris (MD), and range related debris (RRD) (one RRD items is potentially a burn kettle). The other MEC burial uncovered (K36-BLP-002) contained multiple scattered non-M7 propellant grains (MEC), and various MD and RRD. Additional details, including the number and type of items recovered from each grid, are included in the Weekly Grid Sheet Summary and the burial/burn pit e-mail updates. Jane Dolan (EPA) requested additional information on the stab detonators and propellants used in this area. Mr. Smith will provide the requested information if any is available.

Central Impact Area FSSR – Alternative #2 Review

- Bill Gallagher (IAGWSP) led a discussion, supported by Chris Abate (AMEC) and Kim Groff (AMEC), on the CIA FSSR Alternative #2 Modeling Results. Slides were displayed and handouts provided. Alternative #2 involves no active groundwater remediation and three partial soil removal variants (14, 24, and 80 acres). Alternative #2 was modeled using four metrics: 1) maximum RDX concentration, 2) plume volume (RDX > 0.6 ppb), 3) mass of RDX in the aquifer (RDX > 0.6 ppb), and 4) RDX plume projections (for +5, 10, 20, 30, 40 years). One of the objectives of the modeling effort for alternative #2 is to select a representative partial source removal option to carry forward for remaining modeling evaluations. Based on the modeling inputs selected, the estimated model source loading percent reduction is 0% for no removal, 23% for 14 acre removal, 45% for 24 acre removal, 74% for 80 acre removal, and 100% for a theoretical complete (330 acre) removal. Graphs were presented showing the results for the maximum RDX concentration, dissolved RDX plume volume in aquifer > 0.6 ppb, dissolved RDX plume volume in aquifer > 2 ppb, and dissolved RDX mass in aquifer > 0.6 ppb. The graphs show the reduction of RDX over a 40-year duration under the partial, complete, and no source removal variants. Costs for remediation are estimated at \$1.7 million per acre assuming a 2 ft depth of removal. Maps showing the RDX contaminant plume reduction at +5, 10, 20, 30, and 40 years for 14, 24, and 80 acre partial source removals were displayed.
- Several conclusions were discussed, including: 1) the simulation predicts no significant benefit to 14 acre removal compared to current soil condition (which includes CS-19 soil removal), 2) the 24 acre simulation suggests a relative benefit of comprehensive response actions at CS-19 and Tank Alley/Turpentine Road areas, 3) there is a reduced benefit shown in the simulation for partial source removal beyond 24 acres, 4) benefit of 80 acre and theoretical complete removal is limited to the dilute portion of the RDX plume volume, and 5) the results are not intended to provide a basis for selection of a removal action, but rather to provide a basis for comparison of simulated alternatives in the FSSR. The proposed next steps forward include: 1) choose the 24-acre source removal alternative for other modeling comparisons, since this removal volume is realistic and balances the drawback of habitat destruction, 2) initiate modeling for alternative #3, and 3) continue to assess all three evaluation criteria (plume volume, maximum RDX concentration, and mass of RDX in the aquifer). Several caveats were emphasized, including: 1) the actual soil areas chosen to represent removal actions on figures are strictly for evaluation purposes, 2) the location of future source removal action and amount of soil to be remediated is not yet determined, and 3) the area to be evaluated for soil remediation in the FS is dependent on additional site characterization work.
- Lynne Jennings (EPA) brought up some questions and concerns during the presentation. EPA would prefer to see plume duration projections up to complete plume removal, and not capped at a 40 year duration. Mr. Gallagher explained that it was necessary to truncate projections at discrete time frames to evaluate and compare options. Ms Jennings indicated that EPA is interested in the percent of aquifer restored within a given timeframe, and that the point of compliance could be a downstream location from the source.
- EPA expressed concern about the 14 acre swath shown to represent the 14 acre removal action. IAGWSP and AMEC representatives clarified that the exact locations of removal actions does not significantly impact the model outcome, and are shown primarily as examples. The actual soil removal volumes and locations will be chosen based on additional site characterization data, described in the Data Gap Characterization Work Plan. However, for the purposes of the FSSR, a consistent theoretical approach for removal actions needs to be used for comparative purposes.

- EPA requested: a calculation of the actual soil acreage modeled, a re-calculation of the associated costs, and a re-creation of the graph summarizing this information. IAGWSP agreed to provide this information. EPA asked for some time to review this information before committing to moving forward with the proposed steps.

Demo 1 Soil OU RRA COW Update

- Paul Nixon (IAGWSP) reported on the status of the Demo 1 Soil Rapid Removal Action Completion of Work. At this time, all equipment and debris have been removed. A streamlined interim submittal will be provided next week. This report (2-3 page letter with attachments) will include all associated data and supporting information to show that the RRA objectives have been attained. A traditional completion of work report will follow shortly. IAGWSP requests expedited review of this interim submittal from the agencies so that backfilling and site restoration activities can begin in a timely manner.

BIP Update

- Ben Gregson (IAGWSP) discussed the blow in place event which occurred last Thursday (August 4, 2005), and handed out results from the post BIP composite samples which were collected on Friday from the crater base and sidewalls (using standard BIP sampling protocol). Destruction of two items remains to be completed. Additional samples will be collected next week. A public meeting will be scheduled for Wednesday (August 17, 2005) to discuss the protocol for notification of such events. Ms. Jennings (EPA) stated that EPA is composing an official information request to the NGB asking for details related to the circumstances leading to the BIP event.

Revised Combined Schedule and Revised 6-Month Look Ahead Update and Handout

- Ben Gregson (IAGWSP) distributed a draft Revised Combined Schedule and revised 6 month look ahead for review. Discussion of the RCS will take place at the next tech meeting (August 25, 2005).

3. SUMMARY OF DATA RECEIVED

Table 3 summarizes the detections that exceeded an EPA Maximum Contaminant Level (MCL) or Health Advisory (HA) for drinking water for explosives, or exceeded a 4 ppb concentration for perchlorate received for the reporting period of July 29, 2005 through August 12, 2005.

Table 4 summarizes first-time validated detections of explosives below the MCL/HA for drinking water or of perchlorate below a 4 ppb concentration received from July 29, 2005 through August 12, 2005.

First time validated detections of explosives and perchlorate in groundwater compared to the MCL/HAs are summarized below:

Explosives in Groundwater Compared to MCL/HAs

For validated data received from July 29, 2005 through August 12, 2005, two wells, MW-130S and MW-368M2 (J-2 Range), had first-time validated detections of RDX above the HA of 2 ppb. No wells had first-time validated detections of explosives below the MCL/HAs.

Perchlorate in Groundwater Compared to MCL/HAs

For validated data received from July 29, 2005 through August 12, 2005, five wells, MW-286M2 (J-1 Range), MW-368M1 & M2 (J-2 Range), MW-284M2, and MW-309M1 (Northwest Corner) had first-time validated detections of perchlorate above the concentration of 4 ppb. No wells had first-time validated detections of perchlorate below the concentration of 4 ppb.

Rush data are summarized in Table 5. These data are for analyses that are performed on a fast turn around time, typically 1-10 days. Perchlorate and explosive analyses for monitoring wells, and perchlorate, 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 5 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 5. 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 5, 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 5 includes detections from the following areas:

Demo Area 1

- Process water samples collected from the Frank Perkins Road ETR system influent (FPR-INF) and mid-fluent (FPR-MID-1) had detections of perchlorate. Process water samples collected from the influent (FPR-INF) also had detections of RDX and HMX, which were confirmed by PDA spectra.
- Process water samples collected from the Pew Road ETR system influent (PR-INF) and mid-fluent (PR-MID-1 and PR-MID-2) had detections of perchlorate. Process water samples collected from the influent (PR-INF) also had detections of RDX, which were confirmed by PDA spectra. The PR-MID-2 samples were collected prior to the second GAC exchange (first and second pair of vessels), which was conducted on August 1, 2005.

J-2 Range

- A groundwater sample from residential well RS003P had a detection of perchlorate which was similar to previous sampling rounds.

4. DELIVERABLES SUBMITTED

Final Demo 1 Groundwater Operable Unit (OU) System Performance and Ecological Impact Monitoring (SPEIM) – 6 Month Performance Monitoring Evaluation (PME) Data Report	08/01/2005
Draft Demo 2 Groundwater Remedial Investigation (RI) Work Plan	08/02/2005
Monthly Progress Report # 100 for July 2005	08/09/2005

5. SCHEDULED ACTIONS

Scheduled actions through the end of August include complete drilling at MW-392 (J3P-40), DP-375 (CP-32C), DP-374 (CP-32A), CP-32D/CP-32F, J2E-20/J2P-60, and 90WT0010 and commence drilling at J2E-12/J2P-58. Groundwater sampling of recently installed wells will continue. Groundwater sampling as part of the August round of the 2005 LTGM will continue. Well development will continue for recently installed wells. Activities conducted as part of the Demo 1 groundwater RRA and J-2 Range soil RRA will continue. A BIP of two artillery shells is scheduled for August 18, 2005 in the High Use Target Area (HUTA).

**TABLE 2
SAMPLING PROGRESS
INTERIM MONTHLY 08/01/2005 - 08/12/2005**

SAMPLE_ID	GIS_LOCID	AOC	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
SSJ2E20008	ECC080205J215 (post)		08/05/2005	CRATER GRAB	0	0.2		
SSJ2E20009	ECC080305J201 (post)		08/05/2005	CRATER GRAB	0	0.2		
SSJ2E2001	ECC080105J201 (post)		08/05/2005	CRATER GRAB	0	0.2		
SSJ2E20011	ECC080305J203 (post)		08/05/2005	CRATER GRAB	0	0.2		
SSJ2E20014	ECC080305J206 (post)		08/05/2005	CRATER GRAB	0	0.2		
SSJ2E20017	ECC080305J209 (post)		08/05/2005	CRATER GRAB	0	0.2		
SSJ2E20017	ECC080305J209 (post)		08/05/2005	CRATER GRAB	0	0.2		
SSJ2E2002	ECC080105J202 (post)		08/05/2005	CRATER GRAB	0	0.2		
SSJ2E2004	ECC080105J204 (post)		08/05/2005	CRATER GRAB	0	0.2		
SSJ2E2005	ECC080105J205 (post)		08/05/2005	CRATER GRAB	0	0.2		
SSJ2E2006	ECC081205J213 (post)		08/05/2005	CRATER GRAB	0	0.2		
SSJ2E2007	ECC080205J214 (post)		08/05/2005	CRATER GRAB	0	0.2		
58MW0002-A	58MW0002	CS-19	08/05/2005	GROUNDWATER	121.2	126.2	0	5
58MW0003-A	58MW0003	CS-19	08/05/2005	GROUNDWATER	119	124	0	5
58MW0005E-A	58MW0005E	CS-19	08/05/2005	GROUNDWATER	115	125	0	10
58MW0005E-D	58MW0005E	CS-19	08/05/2005	GROUNDWATER	115	125	0	10
58MW0006E-A	58MW0006E	CS-19	08/05/2005	GROUNDWATER	109.6	119.6	0	10
58MW0015B-A	58MW0015	CS-19	08/05/2005	GROUNDWATER	130.96	140.22	12.7	22.7
90MW0022-A	90MW0022	J-3 RANGE	08/11/2005	GROUNDWATER	112	117	72.79	77.79
90WT0004-A	90WT0004	J-3 RANGE	08/11/2005	GROUNDWATER	35	45	3	13
M-3B-A	M-3	WESTERN BOU	08/09/2005	GROUNDWATER	65	65	6.8	6.8
M-3C-A	M-3	WESTERN BOU	08/09/2005	GROUNDWATER	75	75	16.8	16.8
M-3D-A	M-3	WESTERN BOU	08/09/2005	GROUNDWATER	85	85	26.8	26.8
M-3D-D	M-3	WESTERN BOU	08/09/2005	GROUNDWATER	85	85	26.8	26.8
MW-347D-	MW-347	J-3 RANGE	08/09/2005	GROUNDWATER	304.45	314.45	197.75	207.75
MW-347M1-	MW-347	J-3 RANGE	08/10/2005	GROUNDWATER	249.97	259.97	143.27	153.27
MW-347M2-	MW-347	J-3 RANGE	08/09/2005	GROUNDWATER	144.77	154.77	38.07	48.07
MW-347S-	MW-347	J-3 RANGE	08/09/2005	GROUNDWATER	105	115	-1.7	8.3
MW-349M1-	MW-349	J-1 RANGE	08/10/2005	GROUNDWATER	229	239	109.7	119.7
MW-349M2-	MW-349	J-1 RANGE	08/10/2005	GROUNDWATER	195	205	75.7	85.7
MW-349M3-	MW-349	J-1 RANGE	08/10/2005	GROUNDWATER	174	184	54.7	64.7
MW-355M1-	MW-355	J-2 RANGE	08/02/2005	GROUNDWATER	220	230	127	137
MW-355M1-FD	MW-355	J-2 RANGE	08/02/2005	GROUNDWATER	220	230	127	137
MW-355S-	MW-355	J-2 RANGE	08/02/2005	GROUNDWATER	93	103	0	10
MW-362M1-	MW-362	J-2 RANGE	08/02/2005	GROUNDWATER	229	239	135.4	145.4
MW-362M2-	MW-362	J-2 RANGE	08/02/2005	GROUNDWATER	170	180	76.4	86.4
MW-364D-	MW-364	J-3 RANGE	08/01/2005	GROUNDWATER	297	307	188	198
MW-364M1-	MW-364	J-3 RANGE	08/01/2005	GROUNDWATER	147	157	38	48

Profiling methods may include: Volatiles, Explosives, and Perchlorate

Groundwater methods include: Volatiles, Semivolatiles, Explosives, Pesticides, Herbicides, Metals, Perchlorate 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

AOC = Area of Concern

CIA = Central Impact Area

**TABLE 2
SAMPLING PROGRESS
INTERIM MONTHLY 08/01/2005 - 08/12/2005**

SAMPLE_ID	GIS_LOCID	AOC	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W02-02M1A	02-02	WESTERN BOU	08/09/2005	GROUNDWATER	114.5	124.5	63.5	73.5
W02-02M2A	02-02	WESTERN BOU	08/09/2005	GROUNDWATER	94.5	104.5	42.65	52.65
W02-02SSA	02-02	WESTERN BOU	08/10/2005	GROUNDWATER	49.5	59.5	0	10
W02-07M1A	02-07	WESTERN BOU	08/09/2005	GROUNDWATER	135	145	101.14	111.14
W02-07M2A	02-07	WESTERN BOU	08/09/2005	GROUNDWATER	107	117	72.86	82.86
W02-07M3A	02-07	WESTERN BOU	08/09/2005	GROUNDWATER	47	57	13	23
W02M1A	MW-2	CIA	08/10/2005	GROUNDWATER	212	217	75	80
W02M2A	MW-2	CIA	08/10/2005	GROUNDWATER	170	175	33	38
W02SSA	MW-2	CIA	08/10/2005	GROUNDWATER	137	147	0	10
W03DDA	MW-3	CIA	08/12/2005	GROUNDWATER	262	267	219	224
W03M1A	MW-3	CIA	08/12/2005	GROUNDWATER	240	245	196	201
W03M2A	MW-3	CIA	08/12/2005	GROUNDWATER	180	185	136	141
W03SSA	MW-3	CIA	08/12/2005	GROUNDWATER	44	54	1	11
W05SSA	MW-5	CIA	08/10/2005	GROUNDWATER	119	129	7	17
W07DDA	MW-7	CIA	08/10/2005	GROUNDWATER	332	342	227	237
W07SSA	MW-7	CIA	08/10/2005	GROUNDWATER	103	113	0	10
W102M1A	MW-102	CIA	08/01/2005	GROUNDWATER	267	277	123	133
W102M2A	MW-102	CIA	08/01/2005	GROUNDWATER	237	247	93	103
W105M1A	MW-105	CIA	08/02/2005	GROUNDWATER	205	215	78	88
W105M2A	MW-105	CIA	08/02/2005	GROUNDWATER	165	175	38	48
W106M1A	MW-106	CIA	08/03/2005	GROUNDWATER	170.5	180.5	38	48
W108DDA	MW-108	CIA	08/02/2005	GROUNDWATER	317	327	153	163
W108M1A	MW-108	CIA	08/02/2005	GROUNDWATER	297	307	133	143
W108M2A	MW-108	CIA	08/02/2005	GROUNDWATER	282	292	118	128
W108M2D	MW-108	CIA	08/02/2005	GROUNDWATER	282	292	118	128
W108M3A	MW-108	CIA	08/02/2005	GROUNDWATER	262	272	98	108
W108M4A	MW-108	CIA	08/02/2005	GROUNDWATER	240	250	76	86
W110M1A	MW-110	CIA	08/02/2005	GROUNDWATER	315.5	325.5	142	152
W110M2A	MW-110	CIA	08/03/2005	GROUNDWATER	248.5	258.5	75	85
W110M3A	MW-110	CIA	08/03/2005	GROUNDWATER	220.5	230.5	47	57
W113M2A	MW-113	CIA	08/08/2005	GROUNDWATER	190	200	48	58
W133M1A	MW-133	CIA	08/01/2005	GROUNDWATER	352	362	136	146
W133M2A	MW-133	CIA	08/03/2005	GROUNDWATER	321	331	105	115
W144M1A	MW-144	J-3 RANGE	08/12/2005	GROUNDWATER	195	205	168	172
W144M2A	MW-144	J-3 RANGE	08/12/2005	GROUNDWATER	130	140	109	119
W144SSA	MW-144	J-3 RANGE	08/12/2005	GROUNDWATER	26	36	5	15
W165M1A	MW-165	DEMO 1	08/08/2005	GROUNDWATER	184.5	194.5	106	116
W165M2A	MW-165	DEMO 1	08/08/2005	GROUNDWATER	124.5	134.5	46	56

Profiling methods may include: Volatiles, Explosives, and Perchlorate

Groundwater methods include: Volatiles, Semivolatiles, Explosives,

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**TABLE 2
SAMPLING PROGRESS
INTERIM MONTHLY 08/01/2005 - 08/12/2005**

SAMPLE_ID	GIS_LOCID	AOC	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W173M3A	MW-173	DEMO 1	08/04/2005	GROUNDWATER	188	198	52.2	62.2
W175M2A	MW-175	DEMO 1	08/04/2005	GROUNDWATER	199	209	71.66	81.66
W175M3A	MW-175	DEMO 1	08/04/2005	GROUNDWATER	162	167	34.65	39.65
W175M3D	MW-175	DEMO 1	08/04/2005	GROUNDWATER	162	167	34.65	39.65
W19SSA	MW-19	DEMO 1	08/08/2005	GROUNDWATER	38	48	0	10
W208M1A	MW-208	CIA	08/03/2005	GROUNDWATER	195	205	56.18	66.18
W208M2A	MW-208	CIA	08/03/2005	GROUNDWATER	158	168	18.41	28.41
W211M1A	MW-211	DEMO 1	08/08/2005	GROUNDWATER	200	210	55	65
W211M1D	MW-211	DEMO 1	08/08/2005	GROUNDWATER	200	210	55	65
W211M2A	MW-211	DEMO 1	08/08/2005	GROUNDWATER	175	185	29.7	39.7
W213M1A	MW-213	WESTERN BOU	08/11/2005	GROUNDWATER	133	143	85.01	95.01
W213M2A	MW-213	WESTERN BOU	08/11/2005	GROUNDWATER	89	99	41.15	51.15
W213M3A	MW-213	WESTERN BOU	08/11/2005	GROUNDWATER	77	82	29.38	34.38
W221M1A	MW-221	DEMO 1	08/04/2005	GROUNDWATER	216	226	70.79	80.79
W221M2A	MW-221	DEMO 1	08/04/2005	GROUNDWATER	178	188	32.85	42.85
W221M3A	MW-221	DEMO 1	08/04/2005	GROUNDWATER	156	166	10.86	20.86
W225M1A	MW-225	DEMO 1	08/04/2005	GROUNDWATER	175	185	77.1	87.1
W225M2A	MW-225	DEMO 1	08/04/2005	GROUNDWATER	145	155	46.48	56.48
W225M3A	MW-225	DEMO 1	08/04/2005	GROUNDWATER	125	135	26.48	36.48
W225M3D	MW-225	DEMO 1	08/04/2005	GROUNDWATER	125	135	26.48	36.48
W227M1A	MW-227	J-3 RANGE	08/01/2005	GROUNDWATER	130	140	76.38	86.38
W227M2A	MW-227	J-3 RANGE	08/01/2005	GROUNDWATER	110	120	56.38	66.38
W227M3A	MW-227	J-3 RANGE	08/01/2005	GROUNDWATER	65	75	11.39	21.39
W231M1A	MW-231	DEMO 1	08/04/2005	GROUNDWATER	210	220	104.15	114.15
W231M2A	MW-231	DEMO 1	08/04/2005	GROUNDWATER	165	175	58.33	68.33
W231M2D	MW-231	DEMO 1	08/04/2005	GROUNDWATER	165	175	58.33	68.33
W23DDA	MW-23	CIA	08/01/2005	GROUNDWATER	272	282	149	159
W23M1A	MW-23	CIA	08/01/2005	GROUNDWATER	225	235	103	113
W23M2A	MW-23	CIA	08/01/2005	GROUNDWATER	189	194	67	72
W240M1A	MW-240	DEMO 1	08/04/2005	GROUNDWATER	198	208	100	110
W240M2A	MW-240	DEMO 1	08/04/2005	GROUNDWATER	125	135	26.45	36.45
W248M3A	MW-248	DEMO 1	08/12/2005	GROUNDWATER	143	153	31.5	41.5
W252M2A	MW-252	DEMO 1	08/04/2005	GROUNDWATER	145	155	31.62	41.61
W252M3A	MW-252	DEMO 1	08/04/2005	GROUNDWATER	115	125	1.63	11.63
W260M1A	MW-260	DEMO 2	08/01/2005	GROUNDWATER	171	181	1.55	11.55
W262M1A	MW-262	DEMO 2	08/01/2005	GROUNDWATER	226	236	7.02	17.02
W262M1D	MW-262	DEMO 2	08/01/2005	GROUNDWATER	226	236	7.02	17.02
W264M1A	MW-264	J-3 RANGE	08/02/2005	GROUNDWATER	192	202	160.94	170.94

Profiling methods may include: Volatiles, Explosives, and Perchlorate

Groundwater methods include: Volatiles, Semivolatiles, Explosives,

Pesticides, Herbicides, Metals, Perchlorate and Wet Chemistry

Other Sample Types methods are variable

SBD = Sample Begin Depth, measured in feet bgs

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**TABLE 2
SAMPLING PROGRESS
INTERIM MONTHLY 08/01/2005 - 08/12/2005**

SAMPLE_ID	GIS_LOCID	AOC	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W264M2A	MW-264	J-3 RANGE	08/02/2005	GROUNDWATER	136	146	105	115
W269M2A	MW-269	WESTERN BOU	08/01/2005	GROUNDWATER	186	196	9.85	19.85
W269M2D	MW-269	WESTERN BOU	08/01/2005	GROUNDWATER	186	196	9.85	19.85
W276M1A	MW-276	WESTERN BOU	08/12/2005	GROUNDWATER	295	305	114	124
W276M2A	MW-276	WESTERN BOU	08/12/2005	GROUNDWATER	234	244	52.88	62.88
W276M3A	MW-276	WESTERN BOU	08/12/2005	GROUNDWATER	185	195	0	10
W276M3D	MW-276	WESTERN BOU	08/12/2005	GROUNDWATER	185	195	0	10
W280M1A	MW-280	WESTERN BOU	08/09/2005	GROUNDWATER	255	265	93.99	103.99
W280M2A	MW-280	WESTERN BOU	08/09/2005	GROUNDWATER	202	212	41.64	51.64
W280M3A	MW-280	WESTERN BOU	08/10/2005	GROUNDWATER	185	195	24.12	34.12
W280M3D	MW-280	WESTERN BOU	08/10/2005	GROUNDWATER	185	195	24.12	34.12
W308M1A	MW-308	WESTERN BOU	08/12/2005	GROUNDWATER	325	335	127.42	137.42
W341M3A	MW-341	DEMO 1	08/08/2005	GROUNDWATER	210	220	50.66	60.66
W341M4A	MW-341	DEMO 1	08/08/2005	GROUNDWATER	182	187	22.66	27.66
W352M1A	MW-352	DEMO 1	08/08/2005	GROUNDWATER	115	125	96.7	106.7
W352M2A	MW-352	DEMO 1	08/08/2005	GROUNDWATER	65	75	46.63	56.63
W353M1A	MW-353	DEMO 1	08/08/2005	GROUNDWATER	107	117	96.57	106.57
W353M1D	MW-353	DEMO 1	08/08/2005	GROUNDWATER	107	117	96.57	106.57
W353M2A	MW-353	DEMO 1	08/08/2005	GROUNDWATER	57	67	46.65	56.65
W353M3A	MW-353	DEMO 1	08/08/2005	GROUNDWATER	35	45	24.85	34.85
W55DDA	MW-55	OTHER	08/10/2005	GROUNDWATER	255	265	119	129
W55M1A	MW-55	OTHER	08/10/2005	GROUNDWATER	225	235	89	99
W55M2A	MW-55	OTHER	08/10/2005	GROUNDWATER	195	205	59	69
W55M3A	MW-55	OTHER	08/10/2005	GROUNDWATER	164.5	174.5	28	38
W73SSA	MW-73	DEMO 1	08/08/2005	GROUNDWATER	38.5	48.5	0	10
W81DDA	MW-81	WESTERN BOU	08/03/2005	GROUNDWATER	184	194	156	166
W81M1A	MW-81	WESTERN BOU	08/03/2005	GROUNDWATER	128	138	100	110
W81M2A	MW-81	WESTERN BOU	08/03/2005	GROUNDWATER	83	93	55	65
W81M2A	MW-81	WESTERN BOU	08/11/2005	GROUNDWATER	83	93	55	65
W81M3A	MW-81	WESTERN BOU	08/03/2005	GROUNDWATER	53	58	25	30
W81SSA	MW-81	WESTERN BOU	08/11/2005	GROUNDWATER	25	35	0	10
W81SSA	MW-81	WESTERN BOU	08/03/2005	GROUNDWATER	25	35	0	10
W82DDA	MW-82	WESTERN BOU	08/09/2005	GROUNDWATER	125	135	97	107
W82M1A	MW-82	WESTERN BOU	08/09/2005	GROUNDWATER	104	114	76	86
W82M2A	MW-82	WESTERN BOU	08/09/2005	GROUNDWATER	78	88	50	60
W82M3A	MW-82	WESTERN BOU	08/09/2005	GROUNDWATER	54	64	26	36
W82SSA	MW-82	WESTERN BOU	08/09/2005	GROUNDWATER	25	35	0	10
W83DDA	MW-83	WESTERN BOU	08/11/2005	GROUNDWATER	142	152	109	119

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SAMPLING PROGRESS
INTERIM MONTHLY 08/01/2005 - 08/12/2005**

SAMPLE_ID	GIS_LOCID	AOC	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W83M1A	MW-83	WESTERN BOU	08/11/2005	GROUNDWATER	110	120	77	87
W83M2A	MW-83	WESTERN BOU	08/11/2005	GROUNDWATER	85	95	52	62
W83M3A	MW-83	WESTERN BOU	08/11/2005	GROUNDWATER	60	70	27	37
W83SSA	MW-83	WESTERN BOU	08/11/2005	GROUNDWATER	33	43	0	10
PR-EFF-33A	PR-EFF		08/01/2005	PROCESS WATER	0	0		
PR-INF-33A	PR-INF		08/01/2005	PROCESS WATER	0	0		
PR-MID-1-33A	PR-MID-1		08/01/2005	PROCESS WATER	0	0		
PR-MID-2-33A	PR-MID-2		08/01/2005	PROCESS WATER	0	0		
DP-375-01	DP-375		08/12/2005	PROFILE	82.6	87.6	-0.4000	4.6
DP-375-02	DP-375		08/12/2005	PROFILE	92.6	97.6	9.6	14.6
DP-375-03	DP-375		08/12/2005	PROFILE	102.6	107.6	19.6	24.6
DP-375-04	DP-375		08/12/2005	PROFILE	112.6	117.6	29.6	34.6
DP-375-05	DP-375		08/12/2005	PROFILE	122.6	127.6	39.6	44.6
DP-375-06	DP-375		08/12/2005	PROFILE	132.6	137.6	49.6	54.6
DP-375-07	DP-375		08/12/2005	PROFILE	142.6	147.6	59.6	64.6
DP-375-08	DP-375		08/12/2005	PROFILE	152.6	157.6	69.6	74.6
DP-387-01	DP-387		08/08/2005	PROFILE	150	155	56	61
MW-392-01	MW-392		08/05/2005	PROFILE	110	110	8.53	8.53
MW-392-02	MW-392		08/05/2005	PROFILE	120	120	18.53	18.53
MW-392-03	MW-392		08/05/2005	PROFILE	130	130	28.53	28.53
MW-392-03FD	MW-392		08/05/2005	PROFILE	130	130	28.53	28.53
MW-392-05	MW-392		08/08/2005	PROFILE	140	140	38.53	38.53
MW-392-06	MW-392		08/08/2005	PROFILE	150	150	48.53	48.53
MW-392-07	MW-392		08/08/2005	PROFILE	160	160	58.53	58.53
MW-392-08	MW-392		08/08/2005	PROFILE	170	170	68.53	68.53
MW-392-09	MW-392		08/08/2005	PROFILE	180	180	78.53	78.53
MW-392-10	MW-392		08/08/2005	PROFILE	190	190	88.53	88.53
MW-392-11	MW-392		08/08/2005	PROFILE	200	200	98.53	98.53
MW-392-12	MW-392		08/08/2005	PROFILE	210	210	108.53	108.53
MW-392-13	MW-392		08/10/2005	PROFILE	220	220	118.53	118.53
MW-392-13FD	MW-392		08/10/2005	PROFILE	220	220	118.53	118.53
MW-392-14	MW-392		08/10/2005	PROFILE	230	230	128.53	128.53
MW-392-15	MW-392		08/10/2005	PROFILE	240	240	138.53	138.53
MW-392-16	MW-392		08/10/2005	PROFILE	250	250	148.53	148.53
PITA_080504	SSHUTA_PITA		08/05/2005	SOIL COMPOSITE	0	0.2		
PITA_080504	SSHUTA_PITA		08/05/2005	SOIL COMPOSITE	0	0.2		
PITB_080504	SSHUTA_PITB		08/05/2005	SOIL COMPOSITE	0	0.2		
SSJ2E20008	ECC080205J215 (pre)		08/04/2005	SOIL COMPOSITE	0	0.2		

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SAMPLING PROGRESS
INTERIM MONTHLY 08/01/2005 - 08/12/2005**

SAMPLE_ID	GIS_LOCID	AOC	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
SSJ2E20009	ECC080305J201 (pre)		08/04/2005	SOIL COMPOSITE	0	0.2		
SSJ2E20009	ECC080305J201 (pre) FD		08/04/2005	SOIL COMPOSITE	0	0.2		
SSJ2E2001	ECC080105J201 (pre)		08/04/2005	SOIL COMPOSITE	0	0.2		
SSJ2E20011	ECC080305J203 (pre)		08/04/2005	SOIL COMPOSITE	0	0.2		
SSJ2E20014	ECC080305J206 (pre)		08/04/2005	SOIL COMPOSITE	0	0.2		
SSJ2E20017	ECC080305J209 (pre)		08/04/2005	SOIL COMPOSITE	0	0.2		
SSJ2E2002	ECC080105J202 (pre)		08/04/2005	SOIL COMPOSITE	0	0.2		
SSJ2E2004	ECC080105J204 (pre)		08/04/2005	SOIL COMPOSITE	0	0.2		
SSJ2E2005	ECC080105J205 (pre)		08/04/2005	SOIL COMPOSITE	0	0.2		
SSJ2E2006	ECC080205J213 (pre)		08/04/2005	SOIL COMPOSITE	0	0.2		
SSJ2E2006	ECC080205J213 (pre) FD		08/04/2005	SOIL COMPOSITE	0	0.2		
SSJ2E2007	ECC080205J214 (pre)		08/04/2005	SOIL COMPOSITE	0	0.2		
SSJ2P2015	J2RRA26-02		07/27/2005	SOIL COMPOSITE	0	0.2		
LKSNK0005AAA	LKSNK0005		08/12/2005	SURFACE WATER	0	1		
LKSNK0006AAA	LKSNK0006		08/12/2005	SURFACE WATER	0	1		
LKSNK0007AAA	LKSNK0007		08/12/2005	SURFACE WATER	0	1		

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**TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR
HEALTH ADVISORY LIMITS
INTERIM MONTHLY
DATA RECEIVED 07/29/05-08/12/05**

WELL/LOCID	SAMPLE ID	SAMPLED	AOC	METHOD	ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-196	W196SSA	06/16/2005	J-3 RANGE	8330N	2,4,6-TRINITROTOLUENE	17		UG/L	0	5	2	X
MW-100	W100M1A	05/20/2005	CIA	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	2.1		UG/L	45	55	2	X
MW-100	W100M1D	05/20/2005	CIA	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	2		UG/L	45	55	2	X
MW-130	W130SSA	05/31/2005	J-2 RANGE	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	4.4		UG/L	0	10	2	X
MW-153	W153M1A	05/24/2005	L RANGE	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	3.2		UG/L	108	118	2	X
MW-164	W164M2A	05/25/2005	J-1 RANGE	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	4.3		UG/L	49	59	2	X
MW-206	W206M1A	05/24/2005	FORMER A	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	3.5		UG/L	19.57	29.57	2	X
MW-215	W215M2A	06/16/2005	J-2 RANGE	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	2.7		UG/L	98.9	108.9	2	X
MW-227	W227M2A	06/06/2005	J-3 RANGE	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	6.5	J	UG/L	56.38	66.38	2	X
MW-227	W227M1A	06/06/2005	J-3 RANGE	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	9.2	J	UG/L	76.38	86.38	2	X
MW-289	W289M2A	05/31/2005	J-2 RANGE	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	2.8		UG/L	59.7	69.7	2	X
MW-306	W306M2A	06/16/2005	J-1 RANGE	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	4.3		UG/L	61	71	2	X
MW-323	W323M2A	06/15/2005	NW CORNER	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	9.5		UG/L	46.05	56.05	2	X
MW-368	MW-368M2-	06/30/2005	J-2 RANGE	SW8330	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	9.5		UG/L	99.5	109.5	2	X
MW-368	MW-368M2-FD	06/30/2005	J-2 RANGE	SW8330	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	9.2		UG/L	99.5	109.5	2	X
90MW0022	90MW0022-A	06/09/2005	J-3 RANGE	E314.0	PERCHLORATE	9.8		UG/L	72.79	77.79	4	X
MW-143	W143M3A	06/13/2005	J-3 RANGE	E314.0	PERCHLORATE	13		UG/L	77	82	4	X
MW-143	W143M2A	06/13/2005	J-3 RANGE	E314.0	PERCHLORATE	7		UG/L	87	92	4	X
MW-143	W143M1A	06/13/2005	J-3 RANGE	E314.0	PERCHLORATE	4.9		UG/L	114	124	4	X
MW-163	W163SSA	06/08/2005	J-3 RANGE	E314.0	PERCHLORATE	85	J	UG/L	0	10	4	X
MW-197	W197M2A	06/07/2005	J-3 RANGE	E314.0	PERCHLORATE	11		UG/L	59.3	64.3	4	X
MW-198	W198M4A	06/14/2005	J-3 RANGE	E314.0	PERCHLORATE	110		UG/L	48.4	53.4	4	X
MW-198	W198M3A	06/14/2005	J-3 RANGE	E314.0	PERCHLORATE	770		UG/L	78.5	83.5	4	X
MW-198	W198M2A	06/14/2005	J-3 RANGE	E314.0	PERCHLORATE	31		UG/L	98.4	103.4	4	X
MW-270	W270M1A	06/08/2005	NW CORNER	E314.0	PERCHLORATE	13		UG/L	50.89	55.89	4	X
MW-284	W284M2A	06/10/2005	NW CORNER	E314.0	PERCHLORATE	4		UG/L	21.2	31.2	4	X
MW-284	W284M2D	06/10/2005	NW CORNER	E314.0	PERCHLORATE	4.2		UG/L	21.2	31.2	4	X
MW-286	W286M2A	06/13/2005	J-1 RANGE	E314.0	PERCHLORATE	6.4		UG/L	81.42	91.42	4	X
MW-300	W300M2A	06/13/2005	J-2 RANGE	E314.0	PERCHLORATE	74		UG/L	94.38	104.38	4	X
MW-303	W303M2A	06/07/2005	J-1 RANGE	E314.0	PERCHLORATE	19		UG/L	122	132	4	X
MW-309	W309M1A	06/10/2005	NW CORNER	E314.0	PERCHLORATE	4.2		UG/L	31.91	41.91	4	X

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

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

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

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DATA RECEIVED 07/29/05-08/12/05**

WELL/LOCID	SAMPLE ID	SAMPLED	AOC	METHOD	ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-368	MW-368M2-	06/30/2005	J-2 RANGE	E314.0	PERCHLORATE	39.8	J	UG/L	99.5	109.5	4	X
MW-368	MW-368M2-FD	06/30/2005	J-2 RANGE	E314.0	PERCHLORATE	40	J	UG/L	99.5	109.5	4	X
MW-368	MW-368M1-	06/30/2005	J-2 RANGE	E314.0	PERCHLORATE	15.8	J	UG/L	131.5	141.5	4	X

BWTS = DEPTH BELOW WATER TABLE, START DEPTH, MEASURED IN FEET
 BWTE = DEPTH BELOW WATER TABLE, END DEPTH, MEASURED IN FEET
 DW LIMIT = EITHER THE MCL OR LOWEST HEALTH ADVISORY CONCENTRATION (CHILD, ADULT OR LIFETIME)
 >DW LIMIT = EQUALS OR EXCEEDS EITHER THE MCL OR LOWEST HEALTH ADVISORY CONCENTRATION (CHILD, ADULT, OR LIFETIME)
 J = ESTIMATED DETECT
 AOC = Area of Concern
 CIA = Central Impact Area

**TABLE 4
 VALIDATED DETECTS BELOW MCLs OR HEALTH ADVISORY
 LIMITS NOT PREVIOUSLY DETECTED
 INTERIM MONTHLY
 DATA RECEIVED 07/29/05-08/12/05**

WELL/LOCID	SAMPLE ID	SAMPLED	AOC	METHOD	ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT

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

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

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

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

J = ESTIMATED DETECT

AOC = Area of Concern

CIA = Central Impact Area

**TABLE 5
DETECTED COMPOUNDS-UNVALIDATED
INTERIM MONTHLY FOR 08/01/05 - 08/12/05**

SAMPLE ID	LOCID OR WELL	SAMPLED	SAMP TYPE	AOC	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
RS003P-A	RS003P	07/26/2005	GROUNDWATER	J-2 RANGE	90	90			E314.0	PERCHLORATE	
FPR-INF-A-31A	FPR-INF	07/26/2005	PROCESS WATER		0	0			8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	YES
FPR-INF-A-31A	FPR-INF	07/26/2005	PROCESS WATER		0	0			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
FPR-INF-A-31A	FPR-INF	07/26/2005	PROCESS WATER		0	0			E314.0	PERCHLORATE	
FPR-INF-A-31D	FPR-INF	07/26/2005	PROCESS WATER		0	0			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
FPR-INF-A-31D	FPR-INF	07/26/2005	PROCESS WATER		0	0			8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	YES
FPR-INF-A-31D	FPR-INF	07/26/2005	PROCESS WATER		0	0			E314.0	PERCHLORATE	
FPR-MID-1A-31A	FPR-MID-1	07/26/2005	PROCESS WATER		0	0			E314.0	PERCHLORATE	
FPR-MID-1B-31A	FPR-MID-1	07/26/2005	PROCESS WATER		0	0			E314.0	PERCHLORATE	
FPR-MID-1C-31A	FPR-MID-1	07/26/2005	PROCESS WATER		0	0			E314.0	PERCHLORATE	
PR-INF-33A	PR-INF	08/01/2005	PROCESS WATER		0	0			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
PR-INF-33A	PR-INF	08/01/2005	PROCESS WATER		0	0			E314.0	PERCHLORATE	
PR-MID-1-33A	PR-MID-1	08/01/2005	PROCESS WATER		0	0			E314.0	PERCHLORATE	
PR-MID-2-33A	PR-MID-2	08/01/2005	PROCESS WATER		0	0			E314.0	PERCHLORATE	

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

SBD = SAMPLE COLLECTION BEGIN DEPTH IN FEET BELOW GROUND SURFACE

SED = SAMPLE COLLECTION END DEPTH IN FEET BELOW GROUND SURFACE

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

AOC = Area of Concern

CIA = Central Impact Area

+ = Interference in sample