

**INTERIM MONTH REPORT
FOR APRIL 1 – APRIL 15, 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 April 1 through April 15, 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 April 15, 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 has been designed and 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. Subsequent to the GAC exchange, perchlorate and explosives have not been detected in any midfluent samples. Perchlorate and RDX have not been detected in samples collected from the effluent. As of April 15, 2005, approximately 30 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 April 15, 2005, approximately 60 million gallons of water had been treated and re-injected at the Frank Perkins Road ETR System.

Groundwater sampling was conducted at selected monitoring wells as part of the Demo Area 1 System Performance and Ecological Impact Monitoring (SPEIM) Plan.

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. To date, the total amount of soil excavated at Demo Area 1 is 16,641 cubic yards, with an additional 190 cubic yards excavated at Demo Area 1 burn pits.

Investigation of targets identified during the EM-61 survey continued.

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 have been removed from Target 23 and 796 cubic yards have been removed from Target 42 and treated in the Thermal Treatment Unit.

Soil moisture samples were collected from lysimeters at Targets 23 and 42 as part of the Focused Investigation at High Use Target Area (HUTA) 1. Two lysimeters were reinstalled at Targets 23 and 42.

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 selected 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. To date, a total of 6,236 cubic yards of soil has been excavated and treated at the Thermal Treatment Unit.

Site work was not conducted for the J-2 Range soil RRA during early April.

J-3 Range Soil RRA

The J-3 Range Soil RRA consists of the removal and treatment of contaminated soil from three areas within the J-3 Range Demolition Area. Soil was removed from the Detonation Pit, the Burn Box, and the area north of Target 2, with total soil removal approximated at 4,615 square feet and 461 cubic yards of soil to a maximum depth of 3 feet. Soil has been treated in the Thermal Treatment Unit or containerized for off-site disposal.

Soils were excavated, screened and containerized from a third additional lift at the C-6 Burn Pit. One post-excitation sample was collected from this burn pit.

2. SUMMARY OF ACTIONS TAKEN

Drilling progress as of April 15, 2005 is summarized in Table 1.

Table 1. Drilling progress as of April 15, 2005				
Boring Number	Purpose of Boring/Well	Total Depth (ft bgs)	Depth to Water Table (ft bgs)	Completed Well Screens (ft bgs)
MW-356	J-3 Range (J3P-44)	297	103	
MW-365	J-2 Range (J2P-52)	316	91	275-285
MW-368	J-2 Range (J2P-53)	280	104	
ft bgs = feet below ground surface				

Completed re-drilling and installation for one well screen at MW-365M1 (J2P-52). Commenced drilling at MW-368 (J2P-53).

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-368. Groundwater samples were collected from a supply well, a residential well, recently installed wells, as part of the April round of the 2005 Long-Term Groundwater Monitoring (LTGM) Plan, and as part of the Demo Area 1 SPEIM Plan. Pore water

samples were collected from lysimeters installed in the Impact Area at Targets 23 and 42 and at the HUTA 1. Process water samples were collected from the Pew Road and Frank Perkins Road ETR systems. Investigation-derived waste (IDW) samples were collected from the GAC treatment system. Wipe samples were collected from ordnance at the Former K Range. Soil samples were collected from grids at the Former K Range, the L Range, as part of the supplemental geophysical investigation at the J-2 Range, and as part of supplemental sampling at blown-in-place (BIP) craters. Soil samples, including pre-BIP samples and samples for Toxicity Characteristic Leaching Procedure (TCLP) analysis, were collected from trench excavations at the Former A Range. A post-excavation sample was collected from the C-6 grid burn pit located at the J-3 Range.

The following are the notes from the April 14, 2005 Technical Team meeting of the Impact Area Groundwater Study Program office at Camp Edwards:

Punchlist Items

There were no Punchlist items from the 3/24/05 Technical Team meeting.

J-2 East/Peters Pond Investigation Status

Dave Hill (IAGWSP) displayed and distributed a Southeast Ranges Proposed Well Locations map showing the proposed six drive point locations at the base boundary (based on particle track information derived from recently installed J-2 wells) and two contingency off-base locations. Dave Hill and Jay Ehret (USACE) cautioned that it is difficult to predict if the drive points will be effective for collection of groundwater samples in this area. Jane Dolan (EPA) requested that chromatograms for explosive results from locations MW-336, MW-342, MW-355, MW-358, and MW-362 be evaluated for the presence of trace levels of explosives.

Mark Panni (MADEP), Jane Dolan (EPA), and Lynne Jennings (EPA) questioned the accuracy of the particle track information shown in the figure, since the results do not seem consistent with the groundwater plume depiction. Mike Goydas (Jacobs) explained that the inconsistency is based on the nature of the input parameters used for the plume and particle tracks. There is likely to be less confidence at the top of the groundwater mound and significant groundwater splaying in this area. The particle track data should be used with these limitations in mind. Ms. Jennings suggested that attaining more hydrologic information may improve the accuracy of these models.

Regarding the proposed off-post locations, Lynne Jennings and Len Pinaud (MADEP) expressed interest in moving proposed location #6 (near Route 130) to the Peters Pond residence which has historically shown detections for perchlorate. It was agreed that a drive point at this residential location would prove beneficial, and Jay Ehret (USACE) will initiate the real estate access process.

Regarding the placement of the proposed base boundary drive point locations, Ms. Jennings and Mr. Pinaud suggested that tighter spacing and more locations be considered. Mr. Goydas and Mr. Hill expressed confidence that based on groundwater hydrology data available, the proposed spacing would be adequate for detection of contaminant plumes. Jane Dolan requested that maps be provided showing separate RDX and perchlorate plumes for the J Ranges.

Drive point groundwater samples will be collected for analysis of explosives (by method 8330) and perchlorate (by method 314.0). Based on the expected high turbidity and sample volume limitations, it was agreed that EPA split samples would not be collected for this phase of the investigation. Samples collected with the drive point method will use 1.5-inch diameter probe. Groundwater samples will be collected at 10 foot increments.

Jay Ehret stated that the drive point sampling is likely to begin in approximately 4-6 weeks. This schedule is based on the expected duration for attaining the necessary environmental permits. Dave Hill will revise the Project Notes for the base boundary and off-post well locations to include the details discussed at this meeting by next week.

Central Impact Area – Feasibility Study Screening Report

Bill Gallagher (IAGWSP) provided a handout that described Review of Remedial Action Objectives (RAOs), Remedial Technologies, Preliminary Assembly of Alternatives, and Feasibility Study Screening Report (FSSR) for groundwater, soil, and UXO operable units (OUs) at the Central Impact Area. Mr. Gallagher explained that some of these topics have been previously introduced at the last tech meeting, and that this session would focus primarily on the preliminary assembly of alternatives and FSSR content and scope.

Mr. Gallagher explained that RDX has been used as a driver for the groundwater RAOs. This is a reasonable simplifying assumption which is necessary to avoid excessive permutations for development of the FSSR. Chris Abate (AMEC) added that almost all other contaminants of concern (COCs) are contained within the RDX plume. Kim Groff (AMEC) stated that data can be provided to support this assumption. Lynne Jennings and Mike Minior (AFCEE) suggested that some adjustments be made to the RAO language in the handout to incorporate more flexibility into the statements.

Mr. Gallagher stated that a primary data gap for the soil OU will be will be satisfied when feedback on the Human & Ecological Risk Assessment (HERA) report is provided by the agencies, since this will influence the contingent remedial actions (RAs), remedial investigations (RIs), and soil volume estimates. For soil, the FSSR will focus on soil areas believed to pose a threat to groundwater. As with the groundwater OU, RDX will be used the driver for cleanup. Lynne Jennings inquired why perchlorate is not considered a driver as well. Chris Abate stated that perchlorate source areas are collocated with RDX source areas and that decreasing concentrations of perchlorate in shallow groundwater are an indication that the source is depleting.

Several data gaps associated with the UXO OU have been identified, including the extent of UXO that poses a risk to groundwater, the UXO distribution, and future loading to groundwater from UXO leakage and corrosion. Herb Colby (AMEC) suggested that it would be reasonable to assume a relationship between soil and UXO contamination, and that UXO cleanup would be captured within the soil remediation process. Ms. Jennings recommended considering some type of surface cleanup approach.

Ms. Groff discussed the Draft Assembly of Alternatives Feasibility Study table. The table provides a summary of remedial alternatives of varying complexity and aggressiveness, and is intended to present a first cut list of options to stimulate further discussions. The table summarizes general response actions (including control technology type and area/volume criteria) for each media, RAOs (including area/volume estimates and time frames), and six alternative assembly options (with variants within these options, including cleanup to background or risk based standards; 10 year or 30 year duration periods for groundwater remediation; and 10 to 90 acre volume estimates for soil remediation). Some alternatives, primarily related to UXO remediation, were noted to have issues with level of confidence. Ms. Groff clarified that the 10 acre volume estimate for soil is based on RDX detections at the water table (not including CS-19 area), and the 90 acre estimate is based on modeling. Ms. Jennings stated that CS-19 area needs to be included in the area estimates, and asked for more information on the assumptions used to derive the volume estimates. Ms. Jennings also asked for figures showing the soil and

groundwater extents of contamination (compared to risk based levels and background concentrations).

In conclusion, Mr. Gallagher asked for agency feedback on three major issues relating to the scope and timing of the FSSR: 1) the number of alternatives and types, 2) the key assumptions, and 3) the level of detail of the report. Mr. Gallagher indicated that more information on remaining data gaps will be provided at the next tech meeting (on 4/28/05).

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 March 25, 2005 through April 15, 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 March 25, 2005 through April 15, 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 March 25, 2005 through April 15, 2005, no wells had first-time validated detections of explosives above the MCL/HAs. One well, MW-366M2 (J-2 Range) had a first-time validated detection of RDX below the HA.

Perchlorate in Groundwater Compared to MCL/HAs

For validated data received from March 25, 2005 through April 15, 2005, no wells had first-time validated detections of perchlorate above the concentration of 4 ppb. Five wells, MW-307M1, MW-366M1, M2 & M3 (J-2 Range) and MW-359M2 (J-3 Range) 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:

J-2 Range

- A groundwater sample from RS003P had a detection of perchlorate. The result was similar to previous sampling rounds.

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.
- A process water samples collected from the Pew Road ETR system influent (PR-INF) had a detection of RDX which was confirmed by PDA spectra, and a detection of perchlorate.

4. DELIVERABLES SUBMITTED

Monthly Progress Report # 96 for March 2005
Draft Long-Term Groundwater Monitoring Plan 2005

04/08/2005
04/08/2005

5. SCHEDULED ACTIONS

Scheduled actions through the end of April include complete drilling at MW-368 (J2P-53), complete well installation at MW-356 (J3P-44) and commence drilling at J1P-26. Groundwater sampling of recently installed wells, as part of the April round of the 2005 LTGM Plan, and as part of the Demo Area 1 SPEIM Plan will continue. Groundwater sampling will be conducted at selected Northwest Corner wells as part of monthly sampling. Activities conducted as part of the Demo 1 soil and groundwater RRAs, J-2 Range soil RRA and Supplemental Investigation, and BIP supplemental soil sampling will continue.

**TABLE 2
SAMPLING PROGRESS
INTERIM MONTHLY 04/01/2005 - 04/15/2005**

SAMPLE_ID	GIS_LOCID	AOC	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
WSS0951AAA	S095		04/15/2005	GAUZE WIPE	0	0		
WSS1561AAA	S156		04/15/2005	GAUZE WIPE	0	0		
WSS1891AAA	S189		04/15/2005	GAUZE WIPE	0	0		
WSS1941AAA	S194		04/15/2005	GAUZE WIPE	0	0		
WSS1941AAD	S194		04/15/2005	GAUZE WIPE	0	0		
4036000-03G-A	4036000-03G	WESTERN BOU	04/08/2005	GROUNDWATER	50	60	6	12
4036009DC-A	4036009DC	NW CORNER	04/04/2005	GROUNDWATER	0	0		
MW-326M2-	MW-326	J-1 RANGE	04/11/2005	GROUNDWATER	196.27	206.28	75.27	85.28
MW-329M1-	MW-329	J-3 RANGE	04/07/2005	GROUNDWATER	179.96	189.96	154.66	164.66
MW-329M1-FD	MW-329	J-3 RANGE	04/07/2005	GROUNDWATER	179.96	189.96	154.66	164.66
MW-329M2-	MW-329	J-3 RANGE	04/07/2005	GROUNDWATER	150.05	160.05	124.75	134.75
MW-329M2-FD	MW-329	J-3 RANGE	04/07/2005	GROUNDWATER	150.05	160.05	124.75	134.75
MW-331M2-	MW-331	J-2 RANGE	04/07/2005	GROUNDWATER	195	205	81	91
MW-334M1-	MW-334	J-2 RANGE	04/04/2005	GROUNDWATER	285	295	175	185
MW-335M1-	MW-335	J-2 RANGE	04/14/2005	GROUNDWATER	255.2	265.2	145.2	155.2
MW-335M2-	MW-335	J-2 RANGE	04/14/2005	GROUNDWATER	215.25	225.25	105.25	115.25
MW-335M3-	MW-335	J-2 RANGE	04/14/2005	GROUNDWATER	119.87	129.87	9.87	19.87
MW-346M1-	MW-346	J-1 RANGE	04/14/2005	GROUNDWATER	244.69	254.69	129.69	139.69
MW-346M2-	MW-346	J-1 RANGE	04/13/2005	GROUNDWATER	205.28	215.28	90.28	100.28
MW-346M2-FD	MW-346	J-1 RANGE	04/13/2005	GROUNDWATER	205.28	215.28	90.28	100.28
MW-346M3-	MW-346	J-1 RANGE	04/13/2005	GROUNDWATER	175.27	185.27	60.27	70.27
MW-346M4-	MW-346	J-1 RANGE	04/13/2005	GROUNDWATER	140	150	25	35
MW-347D-	MW-347	J-3 RANGE	04/11/2005	GROUNDWATER	304.45	314.45	197.75	207.75
MW-347M1-	MW-347	J-3 RANGE	04/11/2005	GROUNDWATER	249.97	259.97	143.27	153.27
MW-347M2-	MW-347	J-3 RANGE	04/11/2005	GROUNDWATER	144.77	154.77	38.07	48.07
MW-347S-	MW-347	J-3 RANGE	04/11/2005	GROUNDWATER	105	115	-1.7	8.3
MW-349M1-	MW-349	J-1 RANGE	04/12/2005	GROUNDWATER	229	239	109.7	119.7
MW-349M2-	MW-349	J-1 RANGE	04/12/2005	GROUNDWATER	195	205	75.7	85.7
MW-349M3-	MW-349	J-1 RANGE	04/12/2005	GROUNDWATER	174	184	54.7	64.7
MW-358M2-	MW-358	J-2 RANGE	04/01/2005	GROUNDWATER	178	188	77	87
MW-364D-	MW-364	J-3 RANGE	04/01/2005	GROUNDWATER	297	307	188	198
MW-364M1-	MW-364	J-3 RANGE	04/01/2005	GROUNDWATER	147	157	38	48
RS003P-A	RS003P	J-2 RANGE	04/07/2005	GROUNDWATER	90	90		
W102M1A	MW-102	CIA	04/01/2005	GROUNDWATER	267	277	123	133
W108M1A	MW-108	CIA	04/04/2005	GROUNDWATER	297	307	133	143
W114M1A	MW-114	DEMO 1	04/13/2005	GROUNDWATER	177	187	96	106
W114M2A	MW-114	DEMO 1	04/13/2005	GROUNDWATER	120	130	39	49
W124M1A	MW-124	CIA	04/04/2005	GROUNDWATER	234	244	98	108

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 04/01/2005 - 04/15/2005**

SAMPLE_ID	GIS_LOCID	AOC	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W124M2A	MW-124	CIA	04/04/2005	GROUNDWATER	219	229	83	93
W129M1A	MW-129	DEMO 1	04/05/2005	GROUNDWATER	136	146	66	76
W129M2A	MW-129	DEMO 1	04/05/2005	GROUNDWATER	116	126	46	56
W139M1A	MW-139	DEMO 1	04/06/2005	GROUNDWATER	194	204	110	120
W139M2A	MW-139	DEMO 1	04/07/2005	GROUNDWATER	154	164	70	80
W139M3A	MW-139	DEMO 1	04/07/2005	GROUNDWATER	119	129	35	45
W165M1A	MW-165	DEMO 1	04/14/2005	GROUNDWATER	184.5	194.5	106	116
W165M2A	MW-165	DEMO 1	04/14/2005	GROUNDWATER	124.5	134.5	46	56
W165M3A	MW-165	DEMO 1	04/14/2005	GROUNDWATER	94.5	104.5	16	26
W172M1A	MW-172	DEMO 1	04/05/2005	GROUNDWATER	199	209	134	144
W172M2A	MW-172	DEMO 1	04/05/2005	GROUNDWATER	169	179	104	114
W172M3A	MW-172	DEMO 1	04/05/2005	GROUNDWATER	109	119	44	54
W172M3D	MW-172	DEMO 1	04/05/2005	GROUNDWATER	109	119	44	54
W175M1A	MW-175	DEMO 1	04/08/2005	GROUNDWATER	264	274	136.4	146.4
W175M2A	MW-175	DEMO 1	04/08/2005	GROUNDWATER	199	209	71.66	81.66
W175M3A	MW-175	DEMO 1	04/08/2005	GROUNDWATER	162	167	34.65	39.65
W176M1A	MW-176	CIA	04/04/2005	GROUNDWATER	270	280	158.55	168.55
W176M2A	MW-176	CIA	04/04/2005	GROUNDWATER	229	239	117.6	127.6
W180M2A	MW-180	CIA	04/01/2005	GROUNDWATER	195	205	34.5	44.5
W180M3A	MW-180	CIA	04/01/2005	GROUNDWATER	171	181	10.3	20.3
W201M1A	MW-201	CIA	04/04/2005	GROUNDWATER	306	316	106.9	116.9
W211M1A	MW-211	DEMO 1	04/05/2005	GROUNDWATER	200	210	55	65
W211M2A	MW-211	DEMO 1	04/05/2005	GROUNDWATER	175	185	29.7	39.7
W211M3A	MW-211	DEMO 1	04/05/2005	GROUNDWATER	150	160	5.01	15.01
W214M1A	MW-214	DEMO 1	04/05/2005	GROUNDWATER	198	208	111.4	121.4
W214M3A	MW-214	DEMO 1	04/05/2005	GROUNDWATER	140	150	53.45	63.45
W214M3D	MW-214	DEMO 1	04/05/2005	GROUNDWATER	150	160	5.01	15.01
W225M1A	MW-225	DEMO 1	04/06/2005	GROUNDWATER	175	185	77.1	87.1
W225M2A	MW-225	DEMO 1	04/06/2005	GROUNDWATER	145	155	46.48	56.48
W225M3A	MW-225	DEMO 1	04/06/2005	GROUNDWATER	125	135	26.48	36.48
W231M1A	MW-231	DEMO 1	04/11/2005	GROUNDWATER	210	220	104.15	114.15
W231M2A	MW-231	DEMO 1	04/12/2005	GROUNDWATER	165	175	58.33	68.33
W231M3A	MW-231	DEMO 1	04/12/2005	GROUNDWATER	115	125	8.27	18.27
W240M1A	MW-240	DEMO 1	04/11/2005	GROUNDWATER	198	208	100	110
W240M2A	MW-240	DEMO 1	04/11/2005	GROUNDWATER	125	135	26.45	36.45
W240M3A	MW-240	DEMO 1	04/11/2005	GROUNDWATER	105	115	6.45	16.45
W240M3D	MW-240	DEMO 1	04/11/2005	GROUNDWATER	105	115	6.45	16.45
W75M1A	MW-75	DEMO 1	04/12/2005	GROUNDWATER	140	150	59	69

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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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SAMPLE_ID	GIS_LOCID	AOC	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W75M2A	MW-75	DEMO 1	04/15/2005	GROUNDWATER	115	125	34	44
W75SSA	MW-75	DEMO 1	04/15/2005	GROUNDWATER	81	91	0	10
W76M1A	MW-76	DEMO 1	04/14/2005	GROUNDWATER	125	135	58	68
W76M2A	MW-76	DEMO 1	04/13/2005	GROUNDWATER	105	115	38	48
W76SSA	MW-76	DEMO 1	04/13/2005	GROUNDWATER	85	95	18	28
DW040405-NV	GAC WATER		04/04/2005	IDW	0	0		
FPR-EFF-25A	FPR-EFF		04/12/2005	PROCESS WATER	0	0		
FPR-EFF-A-25A	FPR-EFF		04/12/2005	PROCESS WATER	0	0		
FPR-EFF-A-25B	FPR-EFF		04/12/2005	PROCESS WATER	0	0		
FPR-EFF-B-25A	FPR-EFF		04/12/2005	PROCESS WATER	0	0		
FPR-EFF-B-25B	FPR-EFF		04/12/2005	PROCESS WATER	0	0		
FPR-EFF-C-25A	FPR-EFF		04/12/2005	PROCESS WATER	0	0		
FPR-EFF-C-25B	FPR-EFF		04/12/2005	PROCESS WATER	0	0		
FPR-INF-25A	FPR-INF		04/12/2005	PROCESS WATER	0	0		
FPR-INF-A-25B	FPR-INF		04/12/2005	PROCESS WATER	0	0		
FPR-INF-B-25B	FPR-INF		04/12/2005	PROCESS WATER	0	0		
FPR-INF-C-25B	FPR-INF		04/12/2005	PROCESS WATER	0	0		
FPR-MID-1A-25A	FPR-MID-1		04/12/2005	PROCESS WATER	0	0		
FPR-MID-1B-25A	FPR-MID-1		04/12/2005	PROCESS WATER	0	0		
FPR-MID-1C-25A	FPR-MID-1		04/12/2005	PROCESS WATER	0	0		
FPR-MID-2A-25A	FPR-MID-2		04/12/2005	PROCESS WATER	0	0		
FPR-MID-2B-25A	FPR-MID-2		04/12/2005	PROCESS WATER	0	0		
FPR-MID-2C-25A	FPR-MID-2		04/12/2005	PROCESS WATER	0	0		
PR-EFF-27A	PR-EFF		04/14/2005	PROCESS WATER	0	0		
PR-INF-27A	PR-INF		04/14/2005	PROCESS WATER	0	0		
PR-MID-1-27A	PR-MID-1		04/14/2005	PROCESS WATER	0	0		
PR-MID-2-27A	PR-MID-2		04/14/2005	PROCESS WATER	0	0		
MW-368-01	MW-368		04/12/2005	PROFILE	117	117	13.5	13.5
MW-368-03	MW-368		04/13/2005	PROFILE	130	130	26.5	26.5
MW-368-03FD	MW-368		04/13/2005	PROFILE	130	130	26.5	26.5
MW-368-04	MW-368		04/13/2005	PROFILE	140	140	36.5	36.5
MW-368-05	MW-368		04/13/2005	PROFILE	150	150	46.5	46.5
MW-368-06	MW-368		04/13/2005	PROFILE	160	160	56.5	56.5
MW-368-07	MW-368		04/13/2005	PROFILE	170	170	66.5	66.5
MW-368-08	MW-368		04/13/2005	PROFILE	180	180	76.5	76.5
MW-368-09	MW-368		04/13/2005	PROFILE	190	190	86.5	86.5
MW-368-10	MW-368		04/13/2005	PROFILE	200	200	96.5	96.5
MW-368-11	MW-368		04/13/2005	PROFILE	210	210	106.5	106.5

Profiling methods may include: Volatiles, Explosives, and Perchlorate
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Pesticides, Herbicides, Metals, Perchlorate and Wet Chemistry
Other Sample Types methods are variable
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**TABLE 2
SAMPLING PROGRESS
INTERIM MONTHLY 04/01/2005 - 04/15/2005**

SAMPLE_ID	GIS_LOCID	AOC	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
MW-368-13	MW-368		04/14/2005	PROFILE	220	220	116.5	116.5
MW-368-13FD	MW-368		04/14/2005	PROFILE	220	220	116.5	116.5
MW-368-14	MW-368		04/14/2005	PROFILE	240	240	136.5	136.5
MW-368-15	MW-368		04/14/2005	PROFILE	250	250	146.5	146.5
MW-368-16	MW-368		04/14/2005	PROFILE	260	260	156.5	156.5
MW-368-17	MW-368		04/15/2005	PROFILE	270	270	166.5	166.5
MW-368-18	MW-368		04/15/2005	PROFILE	280	280	176.5	176.5
HD0331050102W1CA	AM03310501		04/01/2005	SOIL GRAB	0	0.25		
HD0401050101W1DA	AM04010501		04/07/2005	SOIL GRAB	0	0.25		
HD0401050101W1DD	AM04010501		04/07/2005	SOIL GRAB	0	0.25		
SS15092-SS1	SS15092-A		04/12/2005	SOIL GRAB	0	0.2		
SS15092-SS2	SS15092-A		04/12/2005	SOIL GRAB	0	0.2		
SS15092-SS3	SS15092-A		04/12/2005	SOIL GRAB	0	0.2		
SS15092-SS4	SS15092-A		04/12/2005	SOIL GRAB	0	0.2		
SS15092-SS5	SS15092-A		04/12/2005	SOIL GRAB	0	0.2		
SS15092-SS6	SS15092-A		04/12/2005	SOIL GRAB	0	0.2		
SS15092-SS7	SS15092-A		04/12/2005	SOIL GRAB	0	0.2		
SS15092-SS8	SS15092-A		04/12/2005	SOIL GRAB	0	0.2		
SS15094-SS1	SS15094-A		04/12/2005	SOIL GRAB	0	0.2		
SS15094-SS2	SS15094-A		04/12/2005	SOIL GRAB	0	0.2		
SS15094-SS3	SS15094-A		04/12/2005	SOIL GRAB	0	0.2		
SS15094-SS4	SS15094-A		04/12/2005	SOIL GRAB	0	0.2		
SS15094-SS5	SS15094-A		04/12/2005	SOIL GRAB	0	0.2		
SS15094-SS6	SS15094-A		04/12/2005	SOIL GRAB	0	0.2		
SS15094-SS7	SS15094-A		04/12/2005	SOIL GRAB	0	0.2		
SS15094-SS8	SS15094-A		04/12/2005	SOIL GRAB	0	0.2		
SS15095-SS1	SS15095-A		04/12/2005	SOIL GRAB	0	0.2		
SS15095-SS1FD	SS15095-A		04/12/2005	SOIL GRAB	0	0.2		
SS15095-SS2	SS15095-A		04/12/2005	SOIL GRAB	0	0.2		
SS15095-SS2FD	SS15095-A		04/12/2005	SOIL GRAB	0	0.2		
SS15095-SS3	SS15095-A		04/12/2005	SOIL GRAB	0	0.2		
SS15095-SS4	SS15095-A		04/12/2005	SOIL GRAB	0	0.2		
SS15095-SS5	SS15095-A		04/12/2005	SOIL GRAB	0	0.2		
SS15095-SS6	SS15095-A		04/12/2005	SOIL GRAB	0	0.2		
SS15095-SS7	SS15095-A		04/12/2005	SOIL GRAB	0	0.2		
SS15095-SS8	SS15095-A		04/12/2005	SOIL GRAB	0	0.2		
SS15110-SS1	SS15110-A		04/13/2005	SOIL GRAB	0	0.2		
SS15110-SS2	SS15110-A		04/13/2005	SOIL GRAB	0	0.2		

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SAMPLING PROGRESS
INTERIM MONTHLY 04/01/2005 - 04/15/2005**

SAMPLE_ID	GIS_LOCID	AOC	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
SS15110-SS3	SS15110-A		04/13/2005	SOIL GRAB	0	0.2		
SS15110-SS4	SS15110-A		04/13/2005	SOIL GRAB	0	0.2		
SS15110-SS5	SS15110-A		04/13/2005	SOIL GRAB	0	0.2		
SS15110-SS6	SS15110-A		04/13/2005	SOIL GRAB	0	0.2		
SS15110-SS7	SS15110-A		04/13/2005	SOIL GRAB	0	0.2		
SS15110-SS8	SS15110-A		04/13/2005	SOIL GRAB	0	0.2		
SS15127-SS1	SS15127-A		04/12/2005	SOIL GRAB	0	0.2		
SS15127-SS2	SS15127-A		04/12/2005	SOIL GRAB	0	0.2		
SS15127-SS3	SS15127-A		04/12/2005	SOIL GRAB	0	0.2		
SS15127-SS4	SS15127-A		04/12/2005	SOIL GRAB	0	0.2		
SS15127-SS4 FD	SS15127-A		04/12/2005	SOIL GRAB	0	0.2		
SS15127-SS5	SS15127-A		04/12/2005	SOIL GRAB	0	0.2		
SS15127-SS6	SS15127-A		04/12/2005	SOIL GRAB	0	0.2		
SS15127-SS7	SS15127-A		04/12/2005	SOIL GRAB	0	0.2		
SS15127-SS8	SS15127-A		04/12/2005	SOIL GRAB	0	0.2		
SS15219-SS1	SS15219-A		04/11/2005	SOIL GRAB	0	0.2		
SS15219-SS1	SS15219-A		04/11/2005	SOIL GRAB	0	0.2		
SS15219-SS2	SS15219-A		04/12/2005	SOIL GRAB	0	0.2		
SS15219-SS3	SS15219-A		04/12/2005	SOIL GRAB	0	0.2		
SS15219-SS4	SS15219-A		04/11/2005	SOIL GRAB	0	0.2		
SS15219-SS5	SS15219-A		04/11/2005	SOIL GRAB	0	0.2		
SS15219-SS6	SS15219-A		04/11/2005	SOIL GRAB	0	0.2		
SS15219-SS7	SS15219-A		04/11/2005	SOIL GRAB	0	0.2		
SS15219-SS8	SS15219-A		04/11/2005	SOIL GRAB	0	0.2		
SS15227-SS1	SS15227-A		04/12/2005	SOIL GRAB	0	0.2		
SS15227-SS2	SS15227-A		04/12/2005	SOIL GRAB	0	0.2		
SS15227-SS3	SS15227-A		04/12/2005	SOIL GRAB	0	0.2		
SS15227-SS4	SS15227-A		04/12/2005	SOIL GRAB	0	0.2		
SS15227-SS5	SS15227-A		04/12/2005	SOIL GRAB	0	0.2		
SS15227-SS6	SS15227-A		04/12/2005	SOIL GRAB	0	0.2		
SS15227-SS7	SS15227-A		04/12/2005	SOIL GRAB	0	0.2		
SS15227-SS8	SS15227-A		04/12/2005	SOIL GRAB	0	0.2		
SS15230-SS1	SS15230-A		04/11/2005	SOIL GRAB	0	0.2		
SS15230-SS1 FD	SS15230-A		04/11/2005	SOIL GRAB	0	0.2		
SS15230-SS2	SS15230-A		04/11/2005	SOIL GRAB	0	0.2		
SS15230-SS3	SS15230-A		04/11/2005	SOIL GRAB	0	0.2		
SS15230-SS4	SS15230-A		04/11/2005	SOIL GRAB	0	0.2		
SS15230-SS4 FD	SS15230-A		04/11/2005	SOIL GRAB	0	0.2		

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SAMPLING PROGRESS
INTERIM MONTHLY 04/01/2005 - 04/15/2005**

SAMPLE_ID	GIS_LOCID	AOC	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
SS15230-SS5	SS15230-A		04/12/2005	SOIL GRAB	0	0.2		
SS15230-SS6	SS15230-A		04/11/2005	SOIL GRAB	0	0.2		
SS15230-SS7	SS15230-A		04/11/2005	SOIL GRAB	0	0.2		
SS15230-SS8	SS15230-A		04/11/2005	SOIL GRAB	0	0.2		
SS338-SS1	SS338-A		04/14/2005	SOIL GRAB	0	0.2		
SS338-SS2	SS338-A		04/14/2005	SOIL GRAB	0	0.2		
SS338-SS3	SS338-A		04/14/2005	SOIL GRAB	0	0.2		
SS338-SS4	SS338-A		04/14/2005	SOIL GRAB	0	0.2		
SS338-SS4FD	SS338-A		04/14/2005	SOIL GRAB	0	0.2		
SS338-SS5	SS338-A		04/14/2005	SOIL GRAB	0	0.2		
SS338-SS6	SS338-A		04/14/2005	SOIL GRAB	0	0.2		
SS338-SS7	SS338-A		04/14/2005	SOIL GRAB	0	0.2		
SS338-SS8	SS338-A		04/14/2005	SOIL GRAB	0	0.2		
SSJ1RD010-SS1	SSJ1RD010		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD010-SS2	SSJ1RD010		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD010-SS3	SSJ1RD010		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD010-SS4	SSJ1RD010		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD010-SS5	SSJ1RD010		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD010-SS6	SSJ1RD010		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD010-SS7	SSJ1RD010		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD010-SS8	SSJ1RD010		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD014-SS1	SSJ1RD014		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD014-SS2	SSJ1RD014		04/12/2005	SOIL GRAB	0	0.2		
SSJ1RD014-SS3	SSJ1RD014		04/12/2005	SOIL GRAB	0	0.2		
SSJ1RD014-SS4	SSJ1RD014		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD014-SS5	SSJ1RD014		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD014-SS7	SSJ1RD014		04/12/2005	SOIL GRAB	0	0.2		
SSJ1RD014-SS8	SSJ1RD014		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD017-SS1	SSJ1RD017		04/12/2005	SOIL GRAB	0	0.2		
SSJ1RD017-SS2	SSJ1RD017		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD017-SS2FD	SSJ1RD017		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD017-SS3	SSJ1RD017		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD017-SS3FD	SSJ1RD017		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD017-SS4	SSJ1RD017		04/12/2005	SOIL GRAB	0	0.2		
SSJ1RD017-SS5	SSJ1RD017		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD017-SS6	SSJ1RD017		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD017-SS7	SSJ1RD017		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD018-SS1	SSJ1RD018		04/11/2005	SOIL GRAB	0	0.2		

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SAMPLING PROGRESS
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SAMPLE_ID	GIS_LOCID	AOC	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
SSJ1RD018-SS2	SSJ1RD018		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD018-SS3	SSJ1RD018		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD018-SS4	SSJ1RD018		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD018-SS5	SSJ1RD018		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD018-SS6	SSJ1RD018		04/12/2005	SOIL GRAB	0	0.2		
SSJ1RD018-SS7	SSJ1RD018		04/12/2005	SOIL GRAB	0	0.2		
SSJ1RD018-SS8	SSJ1RD018		04/11/2005	SOIL GRAB	0	0.2		
SSJ1RD022-SS1	SSJ1RD022		04/13/2005	SOIL GRAB	0	0.2		
SSJ1RD022-SS2	SSJ1RD022		04/13/2005	SOIL GRAB	0	0.2		
SSJ1RD022-SS3	SSJ1RD022		04/13/2005	SOIL GRAB	0	0.2		
SSJ1RD022-SS4	SSJ1RD022		04/13/2005	SOIL GRAB	0	0.2		
SSJ1RD022-SS5	SSJ1RD022		04/13/2005	SOIL GRAB	0	0.2		
SSJ1RD022-SS6	SSJ1RD022		04/13/2005	SOIL GRAB	0	0.2		
SSJ1RD022-SS7	SSJ1RD022		04/13/2005	SOIL GRAB	0	0.2		
SSJ1RD022-SS8	SSJ1RD022		04/13/2005	SOIL GRAB	0	0.2		
HC130AU1AAA	130AU		04/08/2005	SOIL GRID	0	0.25		
HC130AU1BAA	130AU		04/08/2005	SOIL GRID	0.25	0.5		
HC130AU1BAD	130AU		04/08/2005	SOIL GRID	0.25	0.5		
HC130AU1CAA	130AU		04/08/2005	SOIL GRID	0.5	1		
HC130AV1AAA	130AV		04/08/2005	SOIL GRID	0	0.25		
HC130AV1BAA	130AV		04/08/2005	SOIL GRID	0.25	0.5		
HC130AV1BAD	130AV		04/08/2005	SOIL GRID	0.25	0.5		
HC130AV1CAA	130AV		04/08/2005	SOIL GRID	0.5	1		
HC130AW1AAA	130AW		04/07/2005	SOIL GRID	0	0.25		
HC130AW1BAA	130AW		04/07/2005	SOIL GRID	0.25	0.5		
HC130AW1CAA	130AW		04/07/2005	SOIL GRID	0.5	1		
HC130AW1CAD	130AW		04/07/2005	SOIL GRID	0.5	1		
HC130AX1AAA	130AX		04/06/2005	SOIL GRID	0	0.25		
HC130AX1BAA	130AX		04/06/2005	SOIL GRID	0.25	0.5		
HC130AX1CAA	130AX		04/06/2005	SOIL GRID	0.5	1		
HC130AY1AAA	130AY		04/06/2005	SOIL GRID	0	0.25		
HC130AY1BAA	130AY		04/06/2005	SOIL GRID	0.25	0.5		
HC130AY1CAA	130AY		04/06/2005	SOIL GRID	0.5	1		
HC130AY1CAD	130AY		04/06/2005	SOIL GRID	0.5	1		
HC130AZ1AAA	130AZ		04/06/2005	SOIL GRID	0	0.25		
HC130AZ1BAA	130AZ		04/06/2005	SOIL GRID	0.25	0.5		
HC130AZ1CAA	130AZ		04/06/2005	SOIL GRID	0.5	1		
HC130BA1AAA	130BA		04/06/2005	SOIL GRID	0	0.25		

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INTERIM MONTHLY 04/01/2005 - 04/15/2005**

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HC130BA1BAA	130BA		04/06/2005	SOIL GRID	0.25	0.5		
HC130BA1CAA	130BA		04/06/2005	SOIL GRID	0.5	1		
HC132W3SPA	132W		04/01/2005	SOIL GRID	0	0.25		
HC132W4AAA	132W		04/01/2005	SOIL GRID	0	0.25		
HC132W4SPA	132W		04/07/2005	SOIL GRID	0	0.25		
HC132W5AAA	132W		04/07/2005	SOIL GRID	0	0.25		
HC132W6AAA	132W		04/07/2005	SOIL GRID	0	0.25		
HC132W7AAA	132W		04/07/2005	SOIL GRID	0	0.25		
HC132X4AAA	132X		04/01/2005	SOIL GRID	0	0.25		
HC132X4AAD	132X		04/01/2005	SOIL GRID	0	0.25		
HC132X5AAA	132X		04/05/2005	SOIL GRID	0	0.25		
HC132X6AAA	132X		04/05/2005	SOIL GRID	0	0.25		
HC132X7AAA	132X		04/07/2005	SOIL GRID	0	0.25		
HC132Y4AAA	132Y		04/01/2005	SOIL GRID	0	0.25		
HC132Y5AAA	132Y		04/05/2005	SOIL GRID	0	0.25		
HC132Y6AAA	132Y		04/05/2005	SOIL GRID	0	0.25		
HC132Y7AAA	132Y		04/07/2005	SOIL GRID	0	0.25		
HD130AU1AAA	130AU		04/08/2005	SOIL GRID	0	0.25		
HD130AU1BAA	130AU		04/08/2005	SOIL GRID	0.25	0.5		
HD130AU1CAA	130AU		04/08/2005	SOIL GRID	0.5	1		
HD130AV1AAA	130AV		04/08/2005	SOIL GRID	0	0.25		
HD130AV1BAA	130AV		04/08/2005	SOIL GRID	0.25	0.5		
HD130AV1CAA	130AV		04/08/2005	SOIL GRID	0.5	1		
HD130AW1AAA	130AW		04/07/2005	SOIL GRID	0	0.25		
HD130AW1BAA	130AW		04/07/2005	SOIL GRID	0.25	0.5		
HD130AW1CAA	130AW		04/07/2005	SOIL GRID	0.5	1		
HD130AX1AAA	130AX		04/06/2005	SOIL GRID	0	0.25		
HD130AX1BAA	130AX		04/06/2005	SOIL GRID	0.25	0.5		
HD130AX1CAA	130AX		04/06/2005	SOIL GRID	0.5	1		
HD130AY1AAA	130AY		04/06/2005	SOIL GRID	0	0.25		
HD130AY1BAA	130AY		04/06/2005	SOIL GRID	0.25	0.5		
HD130AY1CAA	130AY		04/06/2005	SOIL GRID	0.5	1		
J2SG001-A	SSJ2SG001		04/01/2005	SOIL GRID	0	0.25		
J2SG001-B	SSJ2SG001		04/01/2005	SOIL GRID	0.25	0.5		
J2SG001-B FD	SSJ2SG001		04/01/2005	SOIL GRID	0.25	0.5		
J2SG001-C	SSJ2SG001		04/01/2005	SOIL GRID	0.5	1		
J2SG002-A	SSJ2SG002		04/01/2005	SOIL GRID	0	0.25		
J2SG002-B	SSJ2SG002		04/01/2005	SOIL GRID	0.25	0.5		

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INTERIM MONTHLY 04/01/2005 - 04/15/2005**

SAMPLE_ID	GIS_LOCID	AOC	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
J2SG002-C	SSJ2SG002		04/01/2005	SOIL GRID	0.5	1		
J2SG003-A	SSJ2SG003		04/01/2005	SOIL GRID	0	0.25		
J2SG003-B	SSJ2SG003		04/01/2005	SOIL GRID	0.25	0.5		
J2SG003-C	SSJ2SG003		04/01/2005	SOIL GRID	0.5	1		
J2SG004-A	SSJ2SG004		04/01/2005	SOIL GRID	0	0.25		
J2SG004-B	SSJ2SG004		04/01/2005	SOIL GRID	0.25	0.5		
J2SG004-C	SSJ2SG004		04/01/2005	SOIL GRID	0.5	1		
J3C6-BP-004 (post)	ECCBPJ301		04/12/2005	SOIL GRID	0	0.2		
SS103BD-01	SS103BD		04/13/2005	SOIL GRID	0	0.25		
SS103BD-02	SS103BD		04/13/2005	SOIL GRID	0.25	0.5		
SS103BD-03	SS103BD		04/13/2005	SOIL GRID	0.5	1		
SS103BE-01	SS103BE		04/13/2005	SOIL GRID	0	0.25		
SS103BE-02	SS103BE		04/13/2005	SOIL GRID	0.25	0.5		
SS103BE-03	SS103BE		04/13/2005	SOIL GRID	0.5	1		
SS103BI-01	SS103BI		04/13/2005	SOIL GRID	0	0.25		
SS103BI-02	SS103BI		04/13/2005	SOIL GRID	0.25	0.5		
SS103BI-03	SS103BI		04/13/2005	SOIL GRID	0.5	1		
SS103BK-01	SS103BK		04/14/2005	SOIL GRID	0	0.25		
SS103BK-01FD	SS103BK		04/14/2005	SOIL GRID	0	0.25		
SS103BK-02	SS103BK		04/14/2005	SOIL GRID	0.25	0.5		
SS103BK-03	SS103BK		04/14/2005	SOIL GRID	0.5	1		
SS103BK-X1-01	SS103BK-X1		04/15/2005	SOIL GRID	0	0.25		
SS103BK-X1-02	SS103BK-X1		04/15/2005	SOIL GRID	0.25	0.5		
SS103BK-X1-03	SS103BK-X1		04/15/2005	SOIL GRID	0.5	1		
SS103BK-X2-01	SS103BK-X2		04/15/2005	SOIL GRID	0	0.25		
SS103BK-X2-02	SS103BK-X2		04/15/2005	SOIL GRID	0.25	0.5		
SS103BK-X2-03	SS103BK-X2		04/15/2005	SOIL GRID	0.5	1		
SS103BK-X3-01	SS103BK-X3		04/15/2005	SOIL GRID	0	0.25		
SS103BK-X3-02	SS103BK-X3		04/15/2005	SOIL GRID	0.25	0.5		
SS103BK-X3-02FD	SS103BK-X3		04/15/2005	SOIL GRID	0.25	0.5		
SS103BK-X3-03	SS103BK-X3		04/15/2005	SOIL GRID	0.5	1		
SS103BM-01	SS103BM		04/13/2005	SOIL GRID	0	0.25		
SS103BM-02	SS103BM		04/13/2005	SOIL GRID	0.25	0.5		
SS103BM-03	SS103BM		04/13/2005	SOIL GRID	0.5	1		
SSL-1-01	SSL-1		04/13/2005	SOIL GRID	0	0.25		
SSL-1-02	SSL-1		04/13/2005	SOIL GRID	0.25	0.5		
SSL-1-02FD	SSL-1		04/13/2005	SOIL GRID	0.25	0.5		
SSL-1-03	SSL-1		04/13/2005	SOIL GRID	0.5	1		

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
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AOC = Area of Concern
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**TABLE 2
SAMPLING PROGRESS
INTERIM MONTHLY 04/01/2005 - 04/15/2005**

SAMPLE_ID	GIS_LOCID	AOC	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
SSL-2-01	SSL-2		04/14/2005	SOIL GRID	0	0.25		
SSL-2-02	SSL-2		04/14/2005	SOIL GRID	0.25	0.5		
SSL-2-03	SSL-2		04/14/2005	SOIL GRID	0.5	1		
SSL-3-01	SSL-3		04/14/2005	SOIL GRID	0	0.25		
SSL-3-02	SSL-3		04/14/2005	SOIL GRID	0.25	0.5		
SSL-3-03	SSL-3		04/14/2005	SOIL GRID	0.5	1		
SSL-4-01	SSL-4		04/14/2005	SOIL GRID	0	0.25		
SSL-4-02	SSL-4		04/14/2005	SOIL GRID	0.25	0.5		
SSL-4-03	SSL-4		04/14/2005	SOIL GRID	0.5	1		
LY115AA3A	115AA		04/14/2005	SOIL MOISTURE	5.5	5.5		
LY115BB3A	115BB		04/14/2005	SOIL MOISTURE	4.7	4.7		
LY125AA3A	125AA		04/15/2005	SOIL MOISTURE	5.5	5.5		
LY125AA3D	125AA		04/15/2005	SOIL MOISTURE	5.5	5.5		
LY209A2A	209A		04/13/2005	SOIL MOISTURE	10	10		
LY209B1A	209B		04/11/2005	SOIL MOISTURE	5	5		
LY210A1A	210A		04/11/2005	SOIL MOISTURE	5	5		
LY210A2A	210A		04/12/2005	SOIL MOISTURE	5	5		
LY210A2A	210A		04/13/2005	SOIL MOISTURE	5	5		
LY210B1A	210B		04/11/2005	SOIL MOISTURE	5	5		
LY210B1A	210B		04/14/2005	SOIL MOISTURE	0	0		
LY210B1D	210B		04/14/2005	SOIL MOISTURE	0	0		
LY210B1D	210B		04/12/2005	SOIL MOISTURE	0	0		
LY210B2A	210B		04/13/2005	SOIL MOISTURE	10	10		
LY211A2A	211A		04/11/2005	SOIL MOISTURE	1.83	1.83		
LY211A3A	211A		04/11/2005	SOIL MOISTURE	9	9		
LY211B2A	211B		04/12/2005	SOIL MOISTURE	0	0		
LY211B2A	211B		04/11/2005	SOIL MOISTURE	5	5		
LY211B3A	211B		04/11/2005	SOIL MOISTURE	5	5		
HC132W3SPA	132W		04/01/2005	TCLP LEACHATE	0	0.25		
HC132W4AAA	132W		04/01/2005	TCLP LEACHATE	0	0.25		
HC132W4SPA	132W		04/07/2005	TCLP LEACHATE	0	0.25		
HC132W5AAA	132W		04/07/2005	TCLP LEACHATE	0	0.25		
HC132W6AAA	132W		04/07/2005	TCLP LEACHATE	0	0.25		
HC132W7AAA	132W		04/07/2005	TCLP LEACHATE	0	0.25		
HC132X4AAA	132X		04/01/2005	TCLP LEACHATE	0	0.25		
HC132X4AAD	132X		04/01/2005	TCLP LEACHATE	0	0.25		
HC132X5AAA	132X		04/05/2005	TCLP LEACHATE	0	0.25		
HC132X6AAA	132X		04/05/2005	TCLP LEACHATE	0	0.25		

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Other Sample Types methods are variable
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**TABLE 2
SAMPLING PROGRESS
INTERIM MONTHLY 04/01/2005 - 04/15/2005**

SAMPLE_ID	GIS_LOCID	AOC	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
HC132X7AAA	132X		04/07/2005	TCLP LEACHATE	0	0.25		
HC132Y4AAA	132Y		04/01/2005	TCLP LEACHATE	0	0.25		
HC132Y5AAA	132Y		04/05/2005	TCLP LEACHATE	0	0.25		
HC132Y6AAA	132Y		04/05/2005	TCLP LEACHATE	0	0.25		
HC132Y7AAA	132Y		04/07/2005	TCLP LEACHATE	0	0.25		
HD0331050102W1CA	AM03310501		04/01/2005	TCLP LEACHATE	0	0.25		
HD0401050101W1DA	AM04010501		04/07/2005	TCLP LEACHATE	0	0.25		
HD0401050101W1DD	AM04010501		04/07/2005	TCLP LEACHATE	0	0.25		

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
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AOC = Area of Concern
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**TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR
HEALTH ADVISORY LIMITS
INTERIM MONTHLY
DATA RECEIVED 03/25/05-04/15/05**

WELL/LOCID	SAMPLE ID	SAMPLED	AOC	METHOD	ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-265	W265M3A	02/16/2005	J-1 RANGE	E314.0	PERCHLORATE	7	J	UG/L	72.44	82.44	4	X
MW-265	W265M2A	02/16/2005	J-1 RANGE	E314.0	PERCHLORATE	18		UG/L	97.6	107.6	4	X
MW-279	W279M2A	02/17/2005	NW CORNER	E314.0	PERCHLORATE	6.26		UG/L	26.8	31.8	4	X
MW-289	W289M2A	02/17/2005	J-2 RANGE	E314.0	PERCHLORATE	50	J	UG/L	59.7	69.7	4	X
MW-289	W289M1A	02/16/2005	J-2 RANGE	E314.0	PERCHLORATE	8.2	J	UG/L	203	213	4	X
MW-307	MW-307M3-	02/22/2005	J-2 RANGE	E314.0	PERCHLORATE	21		UG/L	17.8	27.82	4	X
MW-313	MW-313M2-	02/23/2005	J-2 RANGE	E314.0	PERCHLORATE	7.7		UG/L	93	103	4	X
MW-313	MW-313M2-FD	02/23/2005	J-2 RANGE	E314.0	PERCHLORATE	7.6		UG/L	93	103	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 03/25/05-04/15/05**

WELL/LOCID	SAMPLE ID	SAMPLED	AOC	METHOD	ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-366M2	MW-366M2-	03/15/2005	J-2 RANGE	SW8330	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	0.73		UG/L	79.6	89.6	2	
MW-366M2	MW-366M2-FD	03/15/2005	J-2 RANGE	SW8330	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	0.68		UG/L	79.6	89.6	2	
MW-307M1	MW-307M1-	02/22/2005	J-2 RANGE	E314.0	PERCHLORATE	0.42	J	UG/L	188	198	4	
MW-359M2	MW-359M2-	02/24/2005	J-3 RANGE	E314.0	PERCHLORATE	0.97	J	UG/L	53.62	63.62	4	
MW-359M2	MW-359M2-FD	02/24/2005	J-3 RANGE	E314.0	PERCHLORATE	0.96	J	UG/L	53.62	63.62	4	
MW-366M1	MW-366M1-	03/15/2005	J-2 RANGE	E314.0	PERCHLORATE	0.42	J	UG/L	119.6	129.6	4	
MW-366M2	MW-366M2-	03/15/2005	J-2 RANGE	E314.0	PERCHLORATE	0.84	J	UG/L	79.6	89.6	4	
MW-366M2	MW-366M2-FD	03/15/2005	J-2 RANGE	E314.0	PERCHLORATE	0.76	J	UG/L	79.6	89.6	4	
MW-366M3	MW-366M3-	03/15/2005	J-2 RANGE	E314.0	PERCHLORATE	2.3		UG/L	49.6	59.6	4	

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 04/01/05 - 04/15/05**

SAMPLE ID	LOCID OR WELL	SAMPLED	SAMP TYPE	AOC	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
RS003P-A	RS003P	04/07/2005	GROUNDWATER	J-2 RANGE	90	90			E314.0	PERCHLORATE	
FPR-INF-24A	FPR-INF	03/29/2005	PROCESS WATER		0	0			8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	YES
FPR-INF-24A	FPR-INF	03/29/2005	PROCESS WATER		0	0			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
FPR-INF-24A	FPR-INF	03/29/2005	PROCESS WATER		0	0			E314.0	PERCHLORATE	
FPR-MID-1A-24A	FPR-MID-1	03/29/2005	PROCESS WATER		0	0			E314.0	PERCHLORATE	
FPR-MID-1B-24A	FPR-MID-1	03/29/2005	PROCESS WATER		0	0			E314.0	PERCHLORATE	
FPR-MID-1C-24A	FPR-MID-1	03/29/2005	PROCESS WATER		0	0			E314.0	PERCHLORATE	
PR-INF-26A	PR-INF	03/31/2005	PROCESS WATER		0	0			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	Yes
PR-INF-26A	PR-INF	03/31/2005	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