

**INTERIM MONTH REPORT
FOR SEPTEMBER 1 – SEPTEMBER 10, 2004**

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 September 1 through September 10, 2004.

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 September 10, 2004. 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. An extraction, treatment, and recharge system (ETR) at Frank Perkins Road and Pew Road has been designed and includes a single extraction well, an ex-situ treatment process to remove explosives and perchlorate from the groundwater, and injection wells to return treated water to the aquifer.

The Pew Road ETR began continuous operation on September 8, 2004 at a flow rate of 100 gallons per minute (gpm). Treatment system sampling was conducted daily for the first five days of operation. As of noon on September 12, 2004, approximately 575,000 gallons of water have been treated and re-injected at the Pew Road ETR System. The second and third of three treatment containers were delivered to the Frank Perkins Road ETR on September 1, 2004. Installation of above ground piping to the treatment containers and electrical systems was completed. Hydrostatic testing of above ground piping was completed at the Frank Perkins Road ETR. Full-scale operations at the Frank Perkins Road ETR are planned to begin on September 27, 2004.

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. The total amount of soil to be removed and treated is approximately 15,000 cubic yards.

As part of the Soil RRA, excavation of contaminated soil within the Demo Area 1 depression continues. Anomaly investigation of targets identified in the EM-61 survey within Demo 1 continues. An additional 1-foot lift will be excavated within Demo Area 1, reaching a total depth of nine feet, before completion of a final EM-61 confirmatory survey. As of September 10, 2004, the total amount of soil excavated at Demo Area 1 is 15,167 cubic yards, which includes 145 cubic yards excavated at Demo Area 1 burn pits. The Thermal Treatment Unit was shutdown on August 19, 2004 for a scheduled outage until September 15, 2004.

Demo Area 2 Soil RRA

The Demo Area 2 Soil RRA consists of the removal and treatment or disposal of contaminated soil that is a potential source of groundwater contamination. Excavation of soils at Demo Area 2 was completed on August 2, 2004. Approximately 800 cubic yards was excavated from the soil berm, soil piles, and central grid and will be treated in the Thermal Treatment Unit. Soil was transported to the Thermal Treatment Unit and screened in preparation for treatment.

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. Remaining target areas will be addressed in a supplemental plan. Soil will be removed from Targets 23 and 42, in area of approximately 15,700 square feet, to a depth of approximately 2 feet, for a total volume of removed soil of approximately 1,160 cubic yards of soil.

UXO crews completed intrusive activities at Target 23 on September 10, 2004. UXO clearance in preparation of soil excavation continues at Target 42. Targets 23 and 42 were removed from their original locations and are now staged on and wrapped in poly sheeting, and covered with a canvas outer tarp at the HUTA 1 area.

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 will be removed from the 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. Based on modifications made during finalization of the RRA Workplan, the proposed removal and treatment scope increased to a total removal approximated at 93,835 square feet and 5,361 cubic yards to a maximum depth of 2.5 feet. Soil will be treated in the Thermal Treatment Unit.

UXO and anomaly removal continues in preparation of soil excavation and other RRA activities at expanded RRA sites. UXO clearance of the revised RRA area has been completed at the following areas: Disposal Area 2, Twin Berms, Disposal Area 1, and Berm 2. UXO clearance of the second lift has been completed in the following areas: RRBA, FFP-3, FFP-4, and Disposal Area 2. Excavation was completed at RRBA and grids at FFP-4. Excavated soil was transported and stockpiled at the Demo Area 1 staging area. Burn pit soils from J-2 Grid N33 were loaded into a roll-off container, which is staged off of Chadwick Rd.

J-3 Range Soil RRA

The J-3 Range Soil RRA consists of the removal and treatment of contaminated soil from two general areas, referred to as the Demolition Area and the Melt/Pour Facility Area. At the Demolition Area, located in the middle of the J-3 Range, soil will be removed from the Detonation Pit, the Burn Box, and the area in the vicinity of Target 2, with total soil removal approximated at 14,000 square feet and 1,300 cubic yards of soil to a maximum depth of 3 feet. At the Melt/Pour Facility, located in the southern portion of the range, approximately 1,000 cubic yards of soil will be removed from an area encompassing approximately 8,800 square feet, to a maximum depth of 6 feet. Soil will be treated in the Thermal Treatment Unit.

Excavation of soils in Detonation Pit and Burn Area, Former Burn Box, Melt/Pour building and the area west of Detonation Pit was completed. Excavated soil was transported to the Demo Area 1 soil stockpile area. Screening of soil was completed in preparation of treatment and post-excavation sampling was performed.

2. SUMMARY OF ACTIONS TAKEN

Drilling progress as of September 10, 2004 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)
MW-340	J-2 Range (J2P-42)	348	145	
MW-344	Northwest Corner (NWP-18)	284	118	116-126; 145-155; 170-180
MW-346	J-1 Range (J1P-23)	317	115	
MW-347	J-3 Range (J3P-43)	308	107	
MW-348	J-2 Range (J2P-44)	335	117	
MW-349	J-1 Range (J1P-25)	310	119	
MW-350	Northwest Corner (NWP-20)	70		

bgs = below ground surface

Completed well installation at MW-344 (NWP-18). Continued drilling at MW-348 (J2P-44). Commenced drilling at MW-349 (J1P-25) and MW-350 (NWP-20). Well development continued for recently installed wells.

Samples collected during the reporting period are summarized in Table 2. Groundwater profile samples were collected from MW-348 and MW-349. Groundwater samples were collected from Bourne water supply and monitoring wells, residential wells, recently installed wells, Northwest Corner monthly monitoring wells, and as part of the August round of the Draft 2004 Long-Term Groundwater Monitoring (LTGM) Program. Investigation-derived waste (IDW) samples were collected from the Granular Activated Carbon (GAC) treatment system. Soil samples were collected in and around the Former K Range. Pre- and post-excavation samples were collected from the J-2 Ranges, and Target 23 in the Impact Area. Pre-excavation samples were collected from BIP craters at the J-2 Ranges and the Scar site in the Impact Area. Surface water samples were collected near a public beach, a private beach, and near the spit at Snake Pond.

3. SUMMARY OF DATA RECEIVED

Table 3 summarizes validated detections of contaminants that exceeded an EPA Maximum Contaminant Level (MCL) or Health Advisory (HA) for drinking water, or exceeded a 4 ppb concentration for perchlorate received for the reporting period of August 27, 2004 through September 10, 2004. During this reporting period, there were no detections that met these criteria.

Table 4 summarizes first time validated detections below the MCL/HA for drinking water or below a 4 ppb concentration for perchlorate received from August 27, 2004 through September 10, 2004. Metals, chloroform, and BEHP are excluded from Table 4 for the following reasons: metals are a natural component of groundwater, particularly at levels below MCLs or HAs; detections of chloroform are pervasive throughout Cape Cod and are not likely the result of military training activities; and BEHP is believed to be largely an artifact of the investigation methods and introduced to the samples during collection or analysis.

First time validated detections of explosives, metals, VOCs, SVOCs, pesticides, herbicides, and perchlorate in groundwater compared to the MCL/HAs are summarized below:

Explosives in Groundwater Compared to MCL/HAs

For validated data received from August 27, 2004 through September 10, 2004, one well, MW-312M1 (Demo 2) had a first time validated detection of RDX below the HA.

Metals in Groundwater Compared to MCL/HAs

For validated data received from August 27, 2004 through September 10, 2004, no wells had first time validated detections of metals above or below the MCL/HAs.

VOCs in Groundwater Compared to MCL/HAs

For validated data received from August 27, 2004 through September 10, 2004, no wells had first time validated detections of VOCs above or below the MCL/HAs.

SVOCs in Groundwater Compared to MCL/HAs

For validated data received from August 27, 2004 through September 10, 2004, no wells had first time validated detections of SVOCs above or below the MCL/HAs.

Pesticides/Herbicides in Groundwater Compared to the MCL/HAs

For validated data received from August 27, 2004 through September 10, 2004, no wells had first time validated detections of pesticides/herbicides above or below the MCL/HAs.

Perchlorate in Groundwater Compared to MCL/HAs

For validated data received from August 27, 2004 through September 10, 2004, three wells, 95-13 (Northwest Corner) and MW-87M1 & M2 (Impact Area) 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 1-5 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:

Western Boundary

- Groundwater samples from 02-05M1 and M2 had detections of perchlorate. The results were similar to the previous sampling rounds.

Demo Area 1

- Process water samples collected from the Pew Road ETR system influent (PR-INF) had detections of various metals, inorganics, and perchlorate.
- Process water samples collected from the Pew Road ETR system effluent (PR-EFF) had detections of various metals and inorganics.

4. DELIVERABLES SUBMITTED

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5. SCHEDULED ACTIONS

Scheduled actions through the end of September include complete well installation at MW-348 (J2P-44), complete drilling at MW-349 (J1P-25) and MW-350 (NWP-20), and commence drilling at J2P-46 and MW-352 (D1P-22). Groundwater sampling of Bourne water supply and monitoring wells, residential wells, recently installed wells, and as part of the August round of the Draft 2004 Long Term Groundwater Monitoring Plan will continue. Soil samples will be collected from Deep Bottom Pond Landing Zones, Training Area, C-15 Landing Zones, and the Pew Road Quonset Huts. Soil sampling will continue at the Impact Area and J-2 Range BIP excavations.

**TABLE 2
SAMPLING PROGRESS
INTERIM MONTHLY 09/01/2004 - 09/10/2004**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
HDTT06020204SS10	TT06020204	09/10/2004	CRATER GRID	0	0.17		
HDTT06020204SS11	TT06020204	09/10/2004	CRATER GRID	0	0.17		
HDTT06020204SS9	TT06020204	09/10/2004	CRATER GRID	0	0.17		
HDTT06020204SS9D	TT06020204	09/10/2004	CRATER GRID	0	0.17		
HDTT06020206SS10	TT06020206	09/10/2004	CRATER GRID	0	0.17		
HDTT06020206SS11	TT06020206	09/10/2004	CRATER GRID	0	0.17		
HDTT06020206SS9	TT06020206	09/10/2004	CRATER GRID	0	0.17		
HDTT07080203SS10	TT07080203	09/10/2004	CRATER GRID	0	0.17		
HDTT07080203SS9	TT07080203	09/10/2004	CRATER GRID	0	0.17		
HDTT07080205SS9	TT07080205	09/10/2004	CRATER GRID	0	0.17		
HDTT07290204SS10	TT07290204	09/10/2004	CRATER GRID	0	0.17		
HDTT07290204SS9	TT07290204	09/10/2004	CRATER GRID	0	0.17		
HDTT07290210SS9	TT07290210	09/10/2004	CRATER GRID	0	0.17		
HDTT10020201ASS10	TT10020201	09/10/2004	CRATER GRID	0	0.17		
HDTT10020201ASS9	TT10020201	09/10/2004	CRATER GRID	0	0.17		
HDTT10020201ASS9D	TT10020201	09/10/2004	CRATER GRID	0	0.17		
HDTT10020201SS9	TT10020201	09/10/2004	CRATER GRID	0	0.17		
SSCIAT23007	ECC083004T2301 (post)	09/01/2004	CRATER GRID	0	0.2		
SSCIAT23008	ECC082404T2302 (post)	09/01/2004	CRATER GRID	0	0.2		
SSJ2M33002	ECC082504J204 (post)	09/01/2004	CRATER GRID	0	0.2		
SSJ2M33008	ECC082004J207 (post)	09/01/2004	CRATER GRID	0	0.2		
27MW0015B-A	27MW0015B	09/09/2004	GROUNDWATER	101	106	24.6	29.6
27MW0015C-A	27MW0015C	09/09/2004	GROUNDWATER	68.1	78.1	0	10
27MW0017A-A	27MW0017	09/10/2004	GROUNDWATER	134	139	65	70
27MW0017A-A-QA	27MW0017	09/10/2004	GROUNDWATER	134	139	65	70
27MW0017B-A	27MW0017	09/10/2004	GROUNDWATER	104	109	21	26
27MW2061-A	27MW2061	09/09/2004	GROUNDWATER	66	76	0	10
27MW2071-A	27MW2071	09/09/2004	GROUNDWATER	72	82	0	10
4036000-01G-A	4036000-01G	09/07/2004	GROUNDWATER	38	69.8	6	12
4036000-04G-A	4036000-04G	09/07/2004	GROUNDWATER	54.6	64.6	6	12
4036000-06G-A	4036000-06G	09/07/2004	GROUNDWATER	108	128	6	12
84MW0003-A	84MW0003	09/02/2004	GROUNDWATER	101	106	2.06	7.06
90MW0001-A	90MW0001	09/08/2004	GROUNDWATER	132	137	6.8	11.8
90MW0007-A	90MW0007	09/07/2004	GROUNDWATER	179	184	86.92	91.92
90MW0007-D	90MW0007	09/07/2004	GROUNDWATER	179	184	86.92	91.92
90MW0008-A	90MW0008	09/08/2004	GROUNDWATER	166	171	76	81
90MW0036-A	90MW0036	09/08/2004	GROUNDWATER	104.65	109.51	46.04	50.9
90MW0037-A	90MW0037	09/07/2004	GROUNDWATER	109.89	114.77	21.5	26.38
90MW0062-A	90MW0062	09/08/2004	GROUNDWATER	84.78	89.78	29.98	34.98
LRWS1-4-A	LRWS1-4	09/02/2004	GROUNDWATER	120	130	107	117
RS003P-A	RS003P	09/03/2004	GROUNDWATER	90	90		

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

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SAMPLING PROGRESS
INTERIM MONTHLY 09/01/2004 - 09/10/2004**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
RS004P-A	RS004P	09/03/2004	GROUNDWATER	0	0		
RS005P-A	RS005P	09/03/2004	GROUNDWATER	0	0		
RS006P-A	RS006P	09/03/2004	GROUNDWATER	0	0		
RS007P-A	RS007P	09/03/2004	GROUNDWATER	0	0		
RS008P-A	RS008P	09/02/2004	GROUNDWATER	0	0		
RS009P-A	RS009P	09/03/2004	GROUNDWATER	84	84		
RSNW01-A	RSNW01	09/09/2004	GROUNDWATER	0	0		
RSNW03-A	RSNW03	09/09/2004	GROUNDWATER	0	0		
RSNW06-A	RSNW06	09/09/2004	GROUNDWATER	0	0		
SDW261160-A	SDW261160	09/02/2004	GROUNDWATER	150	160	10	20
W02-13M1A	02-13	09/03/2004	GROUNDWATER	98	108	58.33	68.33
W05DDA	MW-5	09/02/2004	GROUNDWATER	335	340	223	228
W05M1A	MW-5	09/02/2004	GROUNDWATER	210	215	98	103
W05M2A	MW-5	09/07/2004	GROUNDWATER	170	175	58	63
W05SSA	MW-5	09/02/2004	GROUNDWATER	119	129	7	17
W10DDA	MW-10	09/01/2004	GROUNDWATER	351.5	361.5	204	214
W10DDD	MW-10	09/01/2004	GROUNDWATER	351.5	361.5	204	214
W10MMA	MW-10	09/01/2004	GROUNDWATER	280	285	133	138
W10MMD	MW-10	09/01/2004	GROUNDWATER	280	285	133	138
W10SSA	MW-10	09/01/2004	GROUNDWATER	145	155	0	10
W127SSA	MW-127	09/01/2004	GROUNDWATER	99	109	0	10
W142M1A	MW-142	09/03/2004	GROUNDWATER	225	235	185	195
W142M2A	MW-142	09/03/2004	GROUNDWATER	140	150	100	110
W142SSA	MW-142	09/03/2004	GROUNDWATER	42	52	2	12
W144M1A	MW-144	09/07/2004	GROUNDWATER	195	205	168	172
W144M2A	MW-144	09/08/2004	GROUNDWATER	130	140	109	119
W144SSA	MW-144	09/09/2004	GROUNDWATER	26	36	5	15
W145M1A	MW-145	09/10/2004	GROUNDWATER	125	135	97	107
W145M1D	MW-145	09/10/2004	GROUNDWATER	125	135	97	107
W145SSA	MW-145	09/10/2004	GROUNDWATER	30	40	0	10
W150SSA	MW-150	09/03/2004	GROUNDWATER	92.5	102.5	1	11
W151SSA	MW-151	09/03/2004	GROUNDWATER	55.5	65.5	0	10
W156SSA	MW-156	09/03/2004	GROUNDWATER	77	87	7	17
W158M1A	MW-158	09/01/2004	GROUNDWATER	176.5	186.5	89	99
W158M2A	MW-158	09/01/2004	GROUNDWATER	124.5	134.5	37	47
W167M3A	MW-167	09/03/2004	GROUNDWATER	100	110	21	31
W187DDA	MW-187	09/01/2004	GROUNDWATER	306	316	199.5	209.5
W187M1A	MW-187	09/01/2004	GROUNDWATER	160	170	51.3	61.3
W187SSA	MW-187	09/01/2004	GROUNDWATER	103	113	0	10
W204M1A	MW-204	09/07/2004	GROUNDWATER	141	151	81	91
W204M2A	MW-204	09/07/2004	GROUNDWATER	76	86	17.2	27.2

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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SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W212M1A	MW-212	09/01/2004	GROUNDWATER	333	343	125.6	135.6
W212M2A	MW-212	09/01/2004	GROUNDWATER	308	318	98.6	108.6
W212M2D	MW-212	09/01/2004	GROUNDWATER	308	318	98.6	108.6
W215M1A	MW-215	09/09/2004	GROUNDWATER	240	250	133.85	143.85
W215M2A	MW-215	09/09/2004	GROUNDWATER	205	215	98.9	108.9
W215M2D	MW-215	09/09/2004	GROUNDWATER	205	215	98.9	108.9
W215SSA	MW-215	09/09/2004	GROUNDWATER	104	114	0	7.8
W217M1A	MW-217	09/09/2004	GROUNDWATER	148	153	143	148
W217M2A	MW-217	09/09/2004	GROUNDWATER	138	143	133	138
W217M3A	MW-217	09/09/2004	GROUNDWATER	101	106	96	101
W23DDA	MW-23	09/01/2004	GROUNDWATER	272	282	149	159
W270DDA	MW-270	09/10/2004	GROUNDWATER	132	137	108.96	113.96
W270M1A	MW-270	09/10/2004	GROUNDWATER	74	79	50.89	55.89
W270SSA	MW-270	09/10/2004	GROUNDWATER	22	32	0	10
W277M1A	MW-277	09/08/2004	GROUNDWATER	130	140	26.3	36.3
W277SSA	MW-277	09/08/2004	GROUNDWATER	102	112	0	10
W278M1A	MW-278	09/08/2004	GROUNDWATER	113	123	25.76	35.76
W278M2A	MW-278	09/08/2004	GROUNDWATER	97	102	9.79	14.79
W279M1A	MW-279	09/08/2004	GROUNDWATER	96	106	37.4	47.4
W279M2A	MW-279	09/08/2004	GROUNDWATER	83	88	26.8	31.8
W279M2D	MW-279	09/08/2004	GROUNDWATER	83	88	26.8	31.8
W279SSA	MW-279	09/08/2004	GROUNDWATER	66	76	10	20
W58SSA	MW-58	09/02/2004	GROUNDWATER	100	110	0	10
W67SSA	MW-67	09/07/2004	GROUNDWATER	161	171	1	11
W80DDA	MW-80	09/09/2004	GROUNDWATER	158	168	114	124
W80DDA-QA	MW-80	09/10/2004	GROUNDWATER	158	168	114	124
W80M1A	MW-80	09/09/2004	GROUNDWATER	130	140	86	96
W80M1A-QA	MW-80	09/10/2004	GROUNDWATER	130	140	86	96
W80M2A	MW-80	09/10/2004	GROUNDWATER	100	110	56	66
W80M2A-QA	MW-80	09/10/2004	GROUNDWATER	100	110	56	66
W80M3A	MW-80	09/10/2004	GROUNDWATER	70	80	26	36
W80M3A-QA	MW-80	09/10/2004	GROUNDWATER	70	80	26	36
W80SSA	MW-80	09/09/2004	GROUNDWATER	43	53	0	10
W80SSA-QA	MW-80	09/10/2004	GROUNDWATER	43	53	0	10
W81DDA	MW-81	09/07/2004	GROUNDWATER	184	194	156	166
W81M1A	MW-81	09/08/2004	GROUNDWATER	128	138	100	110
W81M2A	MW-81	09/08/2004	GROUNDWATER	83	93	55	65
W81M3A	MW-81	09/07/2004	GROUNDWATER	53	58	25	30
W81SSA	MW-81	09/10/2004	GROUNDWATER	25	35	0	10
W94M1A	MW-94	09/02/2004	GROUNDWATER	160	170	36	46
W94M2A	MW-94	09/02/2004	GROUNDWATER	140	150	16	26

Profiling methods may include: Volatiles, Explosives, and Perchlorate

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

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SAMPLING PROGRESS
INTERIM MONTHLY 09/01/2004 - 09/10/2004**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W94M2D	MW-94	09/02/2004	GROUNDWATER	140	150	16	26
W94SSA	MW-94	09/02/2004	GROUNDWATER	124	134	0	10
JEGACDLM01-	JEGACDLM01	09/10/2004	IDW	0	0		
JEGACDLM01-	JEGACDLM01	09/07/2004	IDW	0	0		
JEGACDLM01-	JEGACDLM10	09/02/2004	IDW	0	0		
JEGACDLM01-	JEGACDLM01	09/01/2004	IDW	0	0		
JEGACDLM04-	JEGACDLM04	09/10/2004	IDW	0	0		
JEGACDLM04-	JEGACDLM04	09/08/2004	IDW	0	0		
JEGACDLM10-	JEGACDLM10	09/01/2004	IDW	0	0		
JEGACDLM10-	JEGACDLM10	09/02/2004	IDW	0	0		
PR-EFF-1A	PR-EFF	09/08/2004	PROCESS WATER	0	0		
PR-EFF-2A	PR-EFF	09/09/2004	PROCESS WATER	0	0		
PR-EFF-3A	PR-EFF	09/10/2004	PROCESS WATER	0	0		
PR-INF-1A	PR-INF	09/08/2004	PROCESS WATER	0	0		
PR-INF-2A	PR-INF	09/09/2004	PROCESS WATER	0	0		
PR-INF-3A	PR-INF	09/10/2004	PROCESS WATER	0	0		
PR-MID-1-1A	PR-MID-1	09/08/2004	PROCESS WATER	0	0		
PR-MID-1-2A	PR-MID-1	09/09/2004	PROCESS WATER	0	0		
PR-MID-1-3A	PR-MID-1	09/10/2004	PROCESS WATER	0	0		
PR-MID-2-1A	PR-MID-2	09/08/2004	PROCESS WATER	0	0		
PR-MID-2-2A	PR-MID-2	09/09/2004	PROCESS WATER	0	0		
PR-MID-2-3A	PR-MID-2	09/10/2004	PROCESS WATER	0	0		
MW-348-07	MW-348	09/01/2004	PROFILE	190	195	73	78
MW-348-08	MW-348	09/01/2004	PROFILE	200	205	83	88
MW-348-09	MW-348	09/01/2004	PROFILE	210	215	93	98
MW-348-10	MW-348	09/01/2004	PROFILE	220	225	103	108
MW-348-11	MW-348	09/01/2004	PROFILE	230	235	113	118
MW-348-13	MW-348	09/02/2004	PROFILE	240	245	123	128
MW-348-13FD	MW-348	09/02/2004	PROFILE	240	245	123	128
MW-348-14	MW-348	09/02/2004	PROFILE	250	255	133	138
MW-348-15	MW-348	09/02/2004	PROFILE	260	265	143	148
MW-348-17	MW-348	09/08/2004	PROFILE	270	275	153	158
MW-348-18	MW-348	09/08/2004	PROFILE	280	285	163	168
MW-348-19	MW-348	09/09/2004	PROFILE	290	295	173	178
MW-348-21	MW-348	09/10/2004	PROFILE	300	305	183	188
MW-348-22	MW-348	09/10/2004	PROFILE	310	315	193	198
MW-348-23	MW-348	09/10/2004	PROFILE	320	325	203	208
MW-348-24	MW-348	09/10/2004	PROFILE	330	335	213	218
MW-349-01	MW-349	09/03/2004	PROFILE	130	130	10	10
MW-349-02	MW-349	09/03/2004	PROFILE	140	140	20	20
MW-349-03	MW-349	09/03/2004	PROFILE	150	150	30	30

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

**TABLE 2
SAMPLING PROGRESS
INTERIM MONTHLY 09/01/2004 - 09/10/2004**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
MW-349-03FD	MW-349	09/03/2004	PROFILE	150	150	30	30
MW-349-04	MW-349	09/03/2004	PROFILE	160	160	40	40
MW-349-05	MW-349	09/07/2004	PROFILE	170	170	50.7	50.7
MW-349-06	MW-349	09/07/2004	PROFILE	180	180	60.7	60.7
MW-349-07	MW-349	09/07/2004	PROFILE	190	190	70.7	70.7
MW-349-08	MW-349	09/07/2004	PROFILE	200	200	80.7	80.7
MW-349-09	MW-349	09/07/2004	PROFILE	210	210	90.7	90.7
MW-349-10	MW-349	09/07/2004	PROFILE	220	220	100.7	100.7
MW-349-11	MW-349	09/07/2004	PROFILE	230	230	110.7	110.7
MW-349-13	MW-349	09/08/2004	PROFILE	240	240	120.7	120.7
MW-349-13FD	MW-349	09/08/2004	PROFILE	240	240	120.7	120.7
MW-349-14	MW-349	09/08/2004	PROFILE	250	250	130.7	130.7
MW-349-15	MW-349	09/08/2004	PROFILE	260	260	140.7	140.7
MW-349-16	MW-349	09/08/2004	PROFILE	270	270	150.7	150.7
MW-349-17	MW-349	09/09/2004	PROFILE	280	280	160.7	160.7
MW-349-18	MW-349	09/09/2004	PROFILE	290	290	170.7	170.7
MW-349-19	MW-349	09/10/2004	PROFILE	300	300	180.7	180.7
MW-349-20	MW-349	09/10/2004	PROFILE	310	310	190.7	190.7
SSCIAT23007	ECC083004T2301 (pre)	09/01/2004	SOIL GRAB	0	0.2		
SSCIAT23008	ECC082404T2302 (pre)	09/01/2004	SOIL GRAB	0	0.2		
SSJ2M33002	ECC082504J204 (pre)	09/01/2004	SOIL GRAB	0	0.2		
SSJ2M33008	ECC082004J207 (pre)	09/01/2004	SOIL GRAB	0	0.2		
HC130A1CAA	130A	09/02/2004	SOIL GRID	0.5	1		
HC130AI1AAA	130AI	09/08/2004	SOIL GRID	0	0.25		
HC130AI1AAD	130AI	09/08/2004	SOIL GRID	0	0.25		
HC130AI1BAA	130AI	09/08/2004	SOIL GRID	0.25	0.5		
HC130AI1CAA	130AI	09/08/2004	SOIL GRID	0.5	1		
HC130AI1CAA	130AI	09/09/2004	SOIL GRID	0.5	1		
HC130AJ1AAA	130AJ	09/08/2004	SOIL GRID	0	0.25		
HC130AJ1BAA	130AJ	09/08/2004	SOIL GRID	0.25	0.5		
HC130AJ1CAA	130AJ	09/08/2004	SOIL GRID	0.5	1		
HC130AK1AAA	130AK	09/08/2004	SOIL GRID	0	0.25		
HC130AK1BAA	130AK	09/08/2004	SOIL GRID	0.25	0.5		
HC130AK1CAA	130AK	09/08/2004	SOIL GRID	0.5	1		
HC130AP1AAA	130AP	09/02/2004	SOIL GRID	0	0.25		
HC130AP1BAA	130AP	09/02/2004	SOIL GRID	0.25	0.5		
HC130AP1BAD	130AP	09/02/2004	SOIL GRID	0.25	0.5		
HC130AP1CAA	130AP	09/02/2004	SOIL GRID	0.5	1		
HC130AQ1AAA	130AQ	09/03/2004	SOIL GRID	0	0.25		
HC130AQ1BAA	130AQ	09/03/2004	SOIL GRID	0.25	0.5		
HC130AQ1CAA	130AQ	09/03/2004	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

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

**TABLE 2
SAMPLING PROGRESS
INTERIM MONTHLY 09/01/2004 - 09/10/2004**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
HC130AR1AAA	130AR	09/07/2004	SOIL GRID	0	0.25		
HC130AR1BAA	130AR	09/07/2004	SOIL GRID	0.25	0.5		
HC130AR1BAD	130AR	09/07/2004	SOIL GRID	0.25	0.5		
HC130AR1CAA	130AR	09/07/2004	SOIL GRID	0.5	1		
HC130AS1AAA	130AS	09/07/2004	SOIL GRID	0	0.25		
HC130AS1BAA	130AS	09/07/2004	SOIL GRID	0.25	0.5		
HC130AS1CAA	130AS	09/07/2004	SOIL GRID	0.5	1		
HC130AT1AAA	130AT	09/07/2004	SOIL GRID	0	0.25		
HC130AT1AAD	130AT	09/07/2004	SOIL GRID	0	0.25		
HC130AT1BAA	130AT	09/07/2004	SOIL GRID	0.25	0.5		
HC130AT1CAA	130AT	09/07/2004	SOIL GRID	0.5	1		
HC130C1AAA	130C	09/01/2004	SOIL GRID	0	0.25		
HC130C1BAA	130C	09/01/2004	SOIL GRID	0.25	0.5		
HC130C1CAA	130C	09/01/2004	SOIL GRID	0.5	1		
HC130D1AAA	130D	09/01/2004	SOIL GRID	0	0.25		
HC130D1BAA	130D	09/01/2004	SOIL GRID	0.25	0.5		
HC130D1CAA	130D	09/01/2004	SOIL GRID	0.5	1		
HC130E1AAA	130E	09/01/2004	SOIL GRID	0	0.25		
HC130E1BAA	130E	09/01/2004	SOIL GRID	0.25	0.5		
HC130E1CAA	130E	09/01/2004	SOIL GRID	0.5	1		
HC130F1AAA	130F	09/01/2004	SOIL GRID	0	0.25		
HC130F1BAA	130F	09/01/2004	SOIL GRID	0.25	0.5		
HC130F1CAA	130F	09/01/2004	SOIL GRID	0.5	1		
HC130F1CAD	130F	09/01/2004	SOIL GRID	0.5	1		
HC130H1AAA	130H	09/02/2004	SOIL GRID	0	0.25		
HC130H1BAA	130H	09/02/2004	SOIL GRID	0.25	0.5		
HC130H1CAA	130H	09/02/2004	SOIL GRID	0.5	1		
HC130I1AAA	130I	09/02/2004	SOIL GRID	0	0.25		
HC130I1AAD	130I	09/02/2004	SOIL GRID	0	0.25		
HC130I1BAA	130I	09/02/2004	SOIL GRID	0.25	0.5		
HC130I1CAA	130I	09/02/2004	SOIL GRID	0.5	1		
HD130A1AAA	130A	09/02/2004	SOIL GRID	0	0.25		
HD130AI1AAA	130AI	09/08/2004	SOIL GRID	0	0.25		
HD130AI1BAA	130AI	09/08/2004	SOIL GRID	0.25	0.5		
HD130AI1CAA	130AI	09/08/2004	SOIL GRID	0.5	1		
HD130AJ1AAA	130AJ	09/08/2004	SOIL GRID	0	0.25		
HD130AJ1BAA	130AJ	09/08/2004	SOIL GRID	0.25	0.5		
HD130AJ1CAA	130AJ	09/08/2004	SOIL GRID	0.5	1		
HD130AK1AAA	130AK	09/08/2004	SOIL GRID	0	0.25		
HD130AK1BAA	130AK	09/08/2004	SOIL GRID	0.25	0.5		
HD130AK1CAA	130AK	09/08/2004	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

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**TABLE 2
SAMPLING PROGRESS
INTERIM MONTHLY 09/01/2004 - 09/10/2004**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
HD130AL1AAA	130AL	09/09/2004	SOIL GRID	0	0.25		
HD130AL1BAA	130AL	09/09/2004	SOIL GRID	0.25	0.5		
HD130AL1CAA	130AL	09/09/2004	SOIL GRID	0.5	1		
HD130AL1CAD	130AL	09/09/2004	SOIL GRID	0.5	1		
HD130AM1AAA	130AM	09/09/2004	SOIL GRID	0	0.25		
HD130AM1BAA	130AM	09/09/2004	SOIL GRID	0.25	0.5		
HD130AM1CAA	130AM	09/09/2004	SOIL GRID	0.5	1		
HD130AN1AAA	130AN	09/09/2004	SOIL GRID	0	0.25		
HD130AN1BAA	130AN	09/09/2004	SOIL GRID	0.25	0.5		
HD130AN1CAA	130AN	09/09/2004	SOIL GRID	0.5	1		
HD130AO1AAA	130AO	09/09/2004	SOIL GRID	0	0.25		
HD130AO1AAD	130AO	09/09/2004	SOIL GRID	0	0.25		
HD130AO1BAA	130AO	09/09/2004	SOIL GRID	0.25	0.5		
HD130AO1CAA	130AO	09/09/2004	SOIL GRID	0.5	1		
HD130AP1AAA	130AP	09/02/2004	SOIL GRID	0	0.25		
HD130AP1BAA	130AP	09/02/2004	SOIL GRID	0.25	0.5		
HD130AP1CAA	130AP	09/02/2004	SOIL GRID	0.5	1		
HD130AQ1AAA	130AQ	09/03/2004	SOIL GRID	0	0.25		
HD130AQ1BAA	130AQ	09/03/2004	SOIL GRID	0.25	0.5		
HD130AQ1CAA	130AQ	09/03/2004	SOIL GRID	0.5	1		
HD130AR1AAA	130AR	09/07/2004	SOIL GRID	0	0.25		
HD130AR1BAA	130AR	09/07/2004	SOIL GRID	0.25	0.5		
HD130AR1CAA	130AR	09/07/2004	SOIL GRID	0.5	1		
HD130AS1AAA	130AS	09/07/2004	SOIL GRID	0	0.25		
HD130AS1BAA	130AS	09/07/2004	SOIL GRID	0.25	0.5		
HD130AS1CAA	130AS	09/07/2004	SOIL GRID	0.5	1		
HD130AT1AAA	130AT	09/07/2004	SOIL GRID	0	0.25		
HD130AT1BAA	130AT	09/07/2004	SOIL GRID	0.25	0.5		
HD130AT1CAA	130AT	09/07/2004	SOIL GRID	0.5	1		
HD130C1AAA	130C	09/01/2004	SOIL GRID	0	0.25		
HD130C1BAA	130C	09/01/2004	SOIL GRID	0.25	0.5		
HD130C1CAA	130C	09/01/2004	SOIL GRID	0.5	1		
HD130D1AAA	130D	09/01/2004	SOIL GRID	0	0.25		
HD130D1AAD	130D	09/01/2004	SOIL GRID	0	0.25		
HD130D1BAA	130D	09/01/2004	SOIL GRID	0.25	0.5		
HD130D1CAA	130D	09/01/2004	SOIL GRID	0.5	1		
HD130E1AAA	130E	09/01/2004	SOIL GRID	0	0.25		
HD130E1BAA	130E	09/01/2004	SOIL GRID	0.25	0.5		
HD130E1CAA	130E	09/01/2004	SOIL GRID	0.5	1		
HD130F1AAA	130F	09/01/2004	SOIL GRID	0	0.25		
HD130F1BAA	130F	09/01/2004	SOIL GRID	0.25	0.5		

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

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**TABLE 2
SAMPLING PROGRESS
INTERIM MONTHLY 09/01/2004 - 09/10/2004**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
HD130F1CAA	130F	09/01/2004	SOIL GRID	0.5	1		
HD130H1AAA	130H	09/02/2004	SOIL GRID	0	0.25		
HD130H1BAA	130H	09/02/2004	SOIL GRID	0.25	0.5		
HD130H1CAA	130H	09/02/2004	SOIL GRID	0.5	1		
HD130I1AAA	130I	09/02/2004	SOIL GRID	0	0.25		
HD130I1BAA	130I	09/02/2004	SOIL GRID	0.25	0.5		
HD130I1CAA	130I	09/02/2004	SOIL GRID	0.5	1		
LKSNK0005AAA	LKSNK0005	09/07/2004	SURFACE WATER	0	0		
LKSNK0005AAA	LKSNK0005	09/07/2004	SURFACE WATER	0	0		
LKSNK0006AAA	LKSNK0006	09/07/2004	SURFACE WATER	0	0		
LKSNK0007AAA	LKSNK0007	09/07/2004	SURFACE WATER	0	0		

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

TABLE 3
VALIDATED DETECTS EXCEEDING MCLs OR HEALTH ADVISORY LIMITS
INTERIM MONTHLY
DATA RECEIVED 6/25/04-7/16/04

WELL/LOCID	SAMPLE_ID	SAMPLED	METHOD	ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW_LIMIT	>DW_LIMIT
MW-45	W45SSA	06/30/2004	IM40MBM	LEAD	35.2		UG/L	0	10	15	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

TABLE 4
VALIDATED DETECTS BELOW MCLs OR HEALTH ADVISORY LIMITS NOT PREVIOUSLY DETECTED
INTERIM MONTHLY
DATA RECEIVED 8/27/04-9/10/04

WELL/LOCID	SAMPLE ID	SAMPLED	METHOD	ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
WL312M1	W312M1A	06/30/2004	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRI	0.29		UG/L	24.41	34.41	2	
WL87M2	W87M2A	07/01/2004	E314.0	PERCHLORATE	0.48	J	UG/L	37	47	4	
95-13	95-13-A	07/09/2004	E314.0	PERCHLORATE	0.826	J	UG/L	52.81	52.81	4	
WL87M1	W87M1A	07/01/2004	E314.0	PERCHLORATE	0.67	J	UG/L	62	72	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

**TABLE 5
DETECTED COMPOUNDS-UNVALIDATED
INTERIM MONTHLY FOR 09/01/04 - 09/10/04**

SAMPLE ID	LOCID OR WELL	SAMPLED	SAMP TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
W02-05M1A	02-05	08/23/2004	GROUNDWATER	110	120	81.44	91.44	E314.0	PERCHLORATE	
W02-05M1D	02-05	08/23/2004	GROUNDWATER	110	120	81.44	91.44	E314.0	PERCHLORATE	
W02-05M2A	02-05	08/23/2004	GROUNDWATER	92	102	63.41	73.41	E314.0	PERCHLORATE	
PR-EFF-SU-1A	PR-EFF	08/31/2004	PROCESS WATER	0	0			8330N	PICRIC ACID	NO
PR-EFF-SU-2A	PR-EFF	08/31/2004	PROCESS WATER	0	0			300.0	CHLORIDE (AS CL)	
PR-EFF-SU-2A	PR-EFF	08/31/2004	PROCESS WATER	0	0			300.0	SULFATE (AS SO4)	
PR-EFF-SU-2A	PR-EFF	08/31/2004	PROCESS WATER	0	0			310.1	ALKALINITY, BICARBONATE (AS CaCO3)	
PR-EFF-SU-2A	PR-EFF	08/31/2004	PROCESS WATER	0	0			IM40MB	MOLYBDENUM	
PR-EFF-SU-2A	PR-EFF	08/31/2004	PROCESS WATER	0	0			IM40MB	CALCIUM	
PR-EFF-SU-2A	PR-EFF	08/31/2004	PROCESS WATER	0	0			IM40MB	POTASSIUM	
PR-EFF-SU-2A	PR-EFF	08/31/2004	PROCESS WATER	0	0			IM40MB	BORON	
PR-EFF-SU-2A	PR-EFF	08/31/2004	PROCESS WATER	0	0			IM40MB	ZINC	
PR-EFF-SU-2A	PR-EFF	08/31/2004	PROCESS WATER	0	0			IM40MB	MANGANESE	
PR-EFF-SU-2A	PR-EFF	08/31/2004	PROCESS WATER	0	0			IM40MB	ALUMINUM	
PR-EFF-SU-2A	PR-EFF	08/31/2004	PROCESS WATER	0	0			IM40MB	SODIUM	
PR-EFF-SU-2A	PR-EFF	08/31/2004	PROCESS WATER	0	0			IM40MB	MAGNESIUM	
PR-EFF-SU-2A	PR-EFF	08/31/2004	PROCESS WATER	0	0			IM40MB	VANADIUM	
PR-INF-1A	PR-INF	09/08/2004	PROCESS WATER	0	0			E314.0	PERCHLORATE	
PR-INF-2A	PR-INF	09/09/2004	PROCESS WATER	0	0			E314.0	PERCHLORATE	
PR-INF-3A	PR-INF	09/10/2004	PROCESS WATER	0	0			E314.0	PERCHLORATE	
PR-INF-SU-1A	PR-INF	08/31/2004	PROCESS WATER	0	0			E314.0	PERCHLORATE	
PR-INF-SU-2A	PR-INF	08/31/2004	PROCESS WATER	0	0			300.0	SULFATE (AS SO4)	
PR-INF-SU-2A	PR-INF	08/31/2004	PROCESS WATER	0	0			300.0	CHLORIDE (AS CL)	
PR-INF-SU-2A	PR-INF	08/31/2004	PROCESS WATER	0	0			310.1	ALKALINITY, BICARBONATE (AS CaCO3)	
PR-INF-SU-2A	PR-INF	08/31/2004	PROCESS WATER	0	0			353.2M	NITRATE/NITRITE (AS N)	
PR-INF-SU-2A	PR-INF	08/31/2004	PROCESS WATER	0	0			365.2	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS PO4)	
PR-INF-SU-2A	PR-INF	08/31/2004	PROCESS WATER	0	0			E314.0	PERCHLORATE	
PR-INF-SU-2A	PR-INF	08/31/2004	PROCESS WATER	0	0			IM40MB	SODIUM	

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

+ = Interference in sample

**TABLE 5
DETECTED COMPOUNDS-UNVALIDATED
INTERIM MONTHLY FOR 09/01/04 - 09/10/04**

SAMPLE ID	LOCID OR WELL	SAMPLED	SAMP TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
PR-INF-SU-2A	PR-INF	08/31/2004	PROCESS WATER	0	0			IM40MB	BORON	
PR-INF-SU-2A	PR-INF	08/31/2004	PROCESS WATER	0	0			IM40MB	ZINC	
PR-INF-SU-2A	PR-INF	08/31/2004	PROCESS WATER	0	0			IM40MB	MANGANESE	
PR-INF-SU-2A	PR-INF	08/31/2004	PROCESS WATER	0	0			IM40MB	MAGNESIUM	
PR-INF-SU-2A	PR-INF	08/31/2004	PROCESS WATER	0	0			IM40MB	MOLYBDENUM	
PR-INF-SU-2A	PR-INF	08/31/2004	PROCESS WATER	0	0			IM40MB	CALCIUM	
PR-INF-SU-2D	PR-INF	08/31/2004	PROCESS WATER	0	0			E314.0	PERCHLORATE	
PR-INF-SU-3A	PR-INF	08/31/2004	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

+ = Interference in sample