

**INTERIM MONTH REPORT
FOR OCTOBER 1 – OCTOBER 16, 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 October 1 through October 16, 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 October 16, 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 continues operation at a flow rate of 100 gallons per minute (gpm). Available results for the first twelve sampling events did not show any detections of contaminations of concern (COCs) in the midfluent and effluent samples. As of October 16, 2004, approximately 5 million gallons of water have been treated and re-injected at the Pew Road ETR System.

Full-scale operations of the Frank Perkins Road ETR began on 28 September 2004. The ETR system has been operating at 220 gpm since full-scale operations startup. Available results for the first six sampling events did not show any detections of COCs in the midfluent or effluent samples. As of October 16, 2004, approximately 5.7 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. The total amount of soil to be removed and treated is approximately 15,000 cubic yards.

As of September 30, 2004, the total amount of soil excavated at Demo Area 1 is 15,522 cubic yards, with an additional 145 cubic yards excavated at Demo Area 1 burn pits. Anomaly removal and soil excavation is nearing completion at Demo Area 1. Post excavation analytical soil sample results were received from samples collected in bottom of the kettle bowl. Treated soil is being staged prior to backfilling into the bowl.

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. Initial 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. In October, an additional approximately 60 cubic yards of soil was excavated in the vicinity of three contaminated soil grids and transported to the Demo Area 1 Thermal Treatment Unit.

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 anomaly removal at Target 42 was completed and excavation activities at Target 42 commenced. The first 1-foot lift at Target 42 is approximately 90% complete. All excavated soil was stockpiled within the excavation area and will be transported to the Thermal Treatment Unit. To date, 570 cubic yards have been removed from Target 23 and 262 cubic yards have been removed from Target 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 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.

Excavation was completed for the first (one foot) cuts at the eastern portion of Polygon 2 and at the areas under the road of Polygon 2 and FFP-3, for the second (one foot) cut at the Twin Berms, for the second (six inch) cuts at the Anomaly North of Polygon 2 and at the area under the road of Polygon 2, Berm 2, Berm 5 and FFP-3, and for the third (six inch) cut at the Twin Berms. A small area was excavated from Disposal Area 1. A total of 4,858 cubic yards of soil has been excavated and transported to Demo Area 1 staging area for treatment in the Thermal Treatment Unit. All dense grade road construction material were temporarily staged at the N-Range parking lot. The dense grade was replaced (over fabric) after confirmatory sampling was completed from the road excavation area. The road was temporarily re-installed in Polygon 2 to allow vehicular traffic.

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.

UXO clearance at two locations was completed in the Demolition Area (area west of the Detonation Pit and the western portion of the Detonation Pit) to support an additional one foot excavation due to previous analytical results. A total of 2,455 cubic yards of soils has been excavated from J-3 Range RRA sites and transported to the Demo Area 1 soil stockpile area.

2. SUMMARY OF ACTIONS TAKEN

Drilling progress as of October 16, 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-346	J-1 Range (J1P-23)	317	115	140-150; 175-185; 205-215; 245-255
MW-349	J-1 Range (J1P-25)	319	119	
MW-351	J-2 Range (J2P-46)	331	101	235-245; 280-290
MW-352	Demo Area 1 (D1P-22)	200	18	43-53; 65-75; 115-125;
MW-353	Demo Area 1 (D1P-23)	10		
MW-354	J-2 Range (J2P-45)	334	109	235-245; 275-285
bgs = below ground surface				

Completed well installation at MW-346 (J1P-23), MW-351 (J2P-46), MW-352 (D1P-22) and MW-354 (J2P-45). Commenced well installation at MW-349 (J1P-25). Commenced drilling at MW-353 (D1P-23). 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-352. 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 and the October Quarterly round of the Draft 2004 LTGM. Process water samples were collected from the Pew Road and Frank Perkins Road extraction, treatment and recharge (ETR) systems. Soil samples and samples for TCLP lead analysis were collected at the L-3 Range. Pre- and post-BIP samples were collected from the J-1 and J-2 Ranges and Demo Area 1. Post-BIP samples were collected from Impact Area sites including Targets 23 and 42. 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 October 14, 2004 Technical Team meeting of the Impact Area Groundwater Study Program office at Camp Edwards:

Punchlist Items

There were no Punchlist items from the 9/30/04 Technical Team meeting. Gina Kaso (USACE) introduced Ann Compagnone (USACE), who is assuming the program reporting and data update duties previously handled by Ed Wise.

J-2 Range Groundwater Investigation Update

Dave Hill (IAGWSP) provided a map showing proposed well locations and two areas shown as "Potential Future Area of Investigation...". These two proposed investigation areas were generally called the "swaths" in the ensuing discussion.

- Jay Ehret (USACE) mentioned that the Army met with the Sandwich School Committee and discussed their concerns regarding the J2P-47 (well #1) location. Concerns were addressed, all paperwork is in order, and drilling at this location is scheduled to begin on 10/19/04.

- Mr. Ehret summarized the history of relocating well #3, culminating in the current 3C location near the cemetery. The Army received approval from the Sandwich selectmen, and the 30-day review period for the Wampanoag Indian Tribe will end on 10/15/04. In response to a question from Mark Panni (MADEP), Mr. Ehret confirmed that Army has been in contact with the Wampanoag representative regarding this location. Gina Kaso (USACE) indicated that the final steps in the access requirements, Army validation of the real estate transaction and obtaining the easement, would be completed well before the J2P-47 drilling is finished. Drilling for well #3C is expected to start in early November.
- Mr. Hill indicated that the final of the first three locations would be well #2B on town property adjacent to Route 130. Mr. Ehret met yesterday with the town's Tree Warden at this site. Approval from the Commonwealth will also be needed for this site. Another possibility for drilling after well #3C would be J3P-34, which is on private property near Snake Pond. USACE recently received a signed agreement from the resident, but this location still needs NHESP and Conservation Commission approvals.
- Jane Dolan (USEPA) asked how the larger of the two proposed swath areas on the map was determined. Mr. Hill replied that it was placed in the area directly downgradient of the current known extent of the plume that passes through MW-319. Pam Richardson (IAGWSP) indicated that the proposed area included about one dozen residential properties. In a discussion with Lynne Jennings (USEPA), Mr. Hill indicated that the results of the first three well locations would generally focus future investigations either closer to the base boundary if no contamination was found, or further away if contamination was detected in the first three locations. In either case, the soonest that the next round of well locations could be sited and started was likely February or March, considering the time required to obtain property access. Mr. Ehret indicated that letters requesting drilling access from the private property owners in the large swath area would be sent next week. Ms. Dolan suggested that the large swath could be wider in the north-south direction, because the plume passing through MW-319 may be larger or headed in a different direction. In response to a comment from Todd Borci (USEPA) about drilling in the roads in this area, Mr. Ehret indicated he has discussed this with the Town, and they will consider it as a last resort in the event that no private property owner grants access.
- Ms. Jennings asked that the Army propose some investigation areas downgradient of the first three well locations, so that real estate access for this area can be initiated. Mr. Ehret replied that the downgradient area is a Fish & Wildlife preserve, and the Army has already established a working relationship with that agency. Because of the sensitivity of the habitat, the Army will need to develop relatively precise locations before discussing with Fish & Wildlife, and those can only be determined accurately after results from the first three wells are available. Ms. Jennings asked that the proposed swaths and the potential downgradient locations be added to tracking tables. She also expressed a concern with waiting to start discussions with Fish & Wildlife on the downgradient locations. There was further discussion of the order of drilling, and Thom Davidson (USACE) suggested that a logic diagram might help with understanding the proposal. Mr. Hill suggested that the priority for drilling in the smaller swath along Wood Road might depend on what is found in the first three locations, but this is likely secondary to the large swath.
- Mr. Hill next discussed proposed well #8E to the north on the Coast Guard property. If this location is clean or has only trace levels, the Army would propose another drilling location closer to Wood Road. If well #8E has relatively high levels of contaminants, the Army would recommend moving further downgradient. Mr. Ehret explained that well #8E will be added to the drilling schedule, and he expects it would be complete in a few months. Mr. Borci suggested shortening the schedule for 8E considering the possible proximity of contamination to Water Supply Well #1. Mr. Borci also requested that proposed well J1P-20 be shown on the map of proposed wells.

- Considering the slow progress on the agenda and the remaining items, Mr. Hill indicated the Army would reprioritize the drilling schedule and send a proposal to the Agencies for review. Ms. Dolan requested that the Army mobilize additional drill rigs if possible based on the drilling backlog.
- Ms. Dolan asked if results are available for the latest packer samples from Water Supply sentry wells. Mr. Hill replied that explosive and perchlorate were not detected in these samples.
- Ms. Dolan asked whether the Army had prepared a response to the Peters Pond resident request. Mr. Hill replied that the response is still under internal review, and he is aware that the Agencies wish to review it before it is sent. Ben Gregson (IAGWSP) will check on the status of the response.

Northwest Corner Investigation Update

Bill Gallagher (IAGWSP) handed out a map and led a discussion regarding proposed drilling locations upgradient of RDX contamination at MW-323, and other information pertinent to the Northwest Corner investigation.

- No RDX contamination was found at MW-350, located upgradient from MW-323 based on groundwater modeling. Water table measurements in the area suggest that MW-350 was properly located. Therefore, either the contamination at MW-323 is disconnected from its source, or the plume is so narrow as to have bypassed MW-350. The Army is proposing a new well location (NWP-21) southwest of MW-350 to evaluate these possibilities. Todd Borci (USEPA) asked about the depth of contamination in MW-323; Mr. Gallagher replied that it extends down from 40 feet below the water table and concentrations attenuate rapidly. Mr. Borci suggested moving NWP-21 to a location northwest of MW-350, based on the possibility that Gun Position (GP-) 19 is a source area. The revised location would better evaluate this possibility. Mr. Borci requested that the map be revised to show the location of the soil pile containing the perchlorate detection, and the revised map be emailed to him along with information on the depth of well 95-13. After obtaining this information, EPA will reply to the Army's proposed location.
- Mr. Gallagher handed out a table showing ingredients of the blank ammunition found at the L-3 Range, based on the MIDAS database. Mr. Gallagher indicated that no soil sample was collected at the ammunition location, but the Army will consider the Agencies request to sample and reply back to the Agencies.
- Mr. Gallagher stated that he has discussed meeting dates with Len Pinaud (MADEP) regarding modeling deposition of the fireworks air emissions using CALPUFF. Mr. Gallagher proposed a meeting date of 10/28/04. The Agencies will advise if this date is feasible and who can attend.

Demo 1 Soil RRA Update

Paul Nixon (IAGWSP) provided an update on the Demo 1 Soil Rapid Response Action (RRA).

- The Thermal Treatment Unit (TTU) will shut down this weekend because it has processed all excavated soil. The TTU will be restarted in mid November for about six days to treat the last 3000 cubic yards (CY) from CS-19, J Ranges, Impact Area Targets, Demo 1, BIPs, and possibly gun positions. Mr. Nixon suggested that the Army meet with the Agencies early next week to discuss the gun positions. Mr. Nixon will send the recent gun position sampling data later today. The Army's current proposal would be to treat 400-500 CY from GP-6. GP-17 did not have detections in the latest data, and the Army wants to conduct an Innovative Technology Evaluation (ITE) study at GP-10 and GP-11.
- Lynne Jennings (USEPA) stated that EPA is requesting justification for the demobilization of the TTU, since it believes additional materials can be treated at this time. Hap Gonser (IAGWSP) is preparing a letter describing the Army's position on use of the TTU and future RRAs, and this letter is expected later today.

- Todd Borci (USEPA) requested that the Army answer EPA's concerns with the ITE study at GP-10 and GP-11. Mr. Nixon requested that the concerns be provided in writing. Mr. Borci will provide EPA's comments on the ITE study by email.
- In response to a question from Ms. Jennings, Mr. Nixon explained that the latest sample results for GP-17 do not show explosives present, contrary to the earlier sample results. Mr. Borci indicated it was likely that training at the positions, subsequent to the initial sampling, had reworked contaminated soil such that it was no longer present at sample locations. Mr. Gonser indicated that improved characterization methods might be needed to find the contaminants at GP-17, but that in any event it was not possible to excavate soils from GP-17 for treatment based on the latest sampling results.
- Ms. Jennings suggested that soil from GP-10 and GP-11 be treated in the TTU, and other gun positions could be considered for the ITE studies. Mr. Gonser replied that the quantity of material at these locations was relatively small, such that there was little to be saved by using the TTU now compared to offsite disposal (if the ITE was ineffective) later, and the Army would continue performing RRAs as appropriate after the TTU was demobilized.
- In response to a question from Jane Dolan (USEPA), Mr. Nixon indicated that the Army was continuing with soil removal and post-excavation sampling to evaluate completion of the Demo 1 Soil RRA. The final EM-61 survey also remains to be performed. All anomalies from the final survey will be reacquired by magnetometer and removed.
- In response to a question from Ms. Dolan about perchlorate in a TTU cyclone sample, Mr. Nixon explained that the cyclone fines are constantly mixed in with treated soil because of the process configuration. The treated soil samples are representative of the all soil, including the cyclone fines. Ms. Dolan asked that Mr. Nixon reply to her email on this topic.

Miscellaneous Issues

- Jane Dolan (USEPA) asked why corrections to the notes from the previous technical meeting were not included in the version that was in the monthly progress report; Gina Kaso (USACE) will investigate and reply. Ms. Dolan asked that the corrections be mentioned in the next progress report. A supplement to the 9/30/04 Tech Meeting Notes is provided below, for inclusion in the next monthly progress report. Paul Nixon (IAGWSP) also indicated that the 9/16/04 Tech Meeting notes were incorrect insofar as he was described saying that there was a 3 ppb perchlorate detection in cooling tower water; rather he stated the detection was in cooling tower sediment.

Supplement to the 9/30/04 Tech Meeting Notes

Following are corrected sections of the 9/30/04 Tech Meeting notes, with changes shown in italics:

Demo 1 EM-61 Survey

Paul Nixon (IAGWSP) described the status of magnetic surveys and post-excavation sampling at Demo Area 1. Excavation is expected to be complete for the bottom of the bowl, though the Army awaits some confirmation sample results. Quadrants 29, 68, and a northern section of 81 required removal of an extra 1-foot thick soil lift due to initial detections. Mr. Nixon handed out a table summarizing perchlorate and RDX confirmation sampling results for the various quadrants, and showing whether the EM-61 post-excavation survey was complete. Mr. Nixon also handed out a table and map showing the status of the EM-61 post-excavation survey, which is about 25% complete. Color-coded dots on the map show the anomalies identified during the survey. None of the anomalies identified to date have required additional sampling. Mr. Nixon also handed out a table summarizing information for the burn pits, including disposal facility and waste characterization sample IDs. Mr. Nixon indicated that there is no further visual evidence of burn pits, and the initial EM-61 survey results suggest that the burn pits are completely excavated. Jane Dolan (EPA) requested a list of items identified and removed during the initial

EM-61 survey. *Mr. Nixon stated that there was no definable native soil horizon; the stratum appears as all sand.* Mr. Nixon indicated that the current depth of excavation is 6-12 inches deeper than any burn pit. The Army will provide a final submittal of confirmation sample results when they become available. *Frank Fedele (USACE) indicated that he was reasonably confident that the excavation extended into undisturbed soil based on all tech info available and professional judgment.* Mark Panni (MADEP) suggested that a test pit be completed to check for soil stratification that might suggest deeper burn pits or cratering. Mr. Nixon indicated that the Army will first await sample results, but if confirmation samples are clean then deeper excavation is unlikely. *Army indicated that the RRA SOW requires excavation to continue to an approximate depth and/or undisturbed material. It is the Army's opinion that we have reached undisturbed material.*

Miscellaneous Issues (add to the end of the existing section)

- *Jane Dolan (EPA) asked the Army to clarify what their plan for the J-2 Range Groundwater RRA will look like. Mr. Gonser explained that two general locations for extraction were under consideration, at Wood Road (toe of RDX) and further downgradient (toe of perchlorate). A decision on these locations will consider the status of regulations for perchlorate and data regarding its extent. Ms. Dolan stated that EPA would favor the proposal for an extraction well near the toe of the perchlorate plume. David Hill (IAGWSP) indicated that the schedule for work is dependent on receipt of FY05 funding.*
- *Ms. Dolan mentioned for the record that while Army suggested at the IART that time of travel markers with particle tracks from detections would be beneficial for public discourse, EPA stated otherwise. Specifically, particle tracks with time of travel markers had been presented in the most recent J-2 GW Workplan with the purpose of appropriately siting wells. In EPA's opinion, the time of travel markers turned out to be highly inaccurate for characterizing the J-2 northern plume emanating from Disposal Area 2 on the J-2 range.*
- *Ms. Dolan asked when the surface to groundwater link report would be submitted and whether feedback would be solicited. Dave Margolis (USACE) replied that internal comments would be resolved in a meeting in early November, and the draft would follow that meeting.*
- *Ms. Dolan also requested a near term update on MILCON and the 05 budget.*

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 September 24, 2004 through October 15, 2004.

Table 4 summarizes first time validated detections below the MCL/HA for drinking water or below a 4 ppb concentration for perchlorate received from September 24, 2004 through October 15, 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 September 24, 2004 through October 15, 2004, one well, MW-339M1 (J-2 Range) had a first time validated detection of RDX below the HA. Two wells, MW-303M2 (J-1 Range) and MW-34M1 (Demo 1) had first time validated detections of HMX below the HA. One well, MW-76M1 (Demo 1) had a first time validated detection of 4A-DNT. There is no MCL/HA established for 4A-DNT.

Metals in Groundwater Compared to MCL/HAs

For validated data received from September 24, 2004 through October 15, 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 September 24, 2004 through October 15, 2004, two wells, MW-220D (Impact Area) and MW-336D (J-2 Range) had first time validated detections of chloromethane below the MCL/HA.

SVOCs in Groundwater Compared to MCL/HAs

For validated data received from September 24, 2004 through October 15, 2004, two wells, MW-264M1 & M2 (J-3 Range) had first time validated detections of 2-chlorophenol below the MCL/HA. One well, MW-264M1 (J-3 Range) had a first time validated detection of phenol below the MCL/HA.

Pesticides/Herbicides in Groundwater Compared to the MCL/HAs

For validated data received from September 24, 2004 through October 15, 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 September 24, 2004 through October 15, 2004, two wells, MW-32D (Demo 1) and MW-339M1 (J-2 Range) had a first time validated detection of perchlorate above the concentration of 4 ppb. Five wells, MW-251M1 (J-3 Range), MW-335M1 & M2 and MW-339M2 (J-2 Range), and MW-341M3 (Demo 1) and 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:

Northwest Corner

- Groundwater samples from MW-344M2 and S had detections of perchlorate. This is the first sampling event and results were consistent with profile results.

Demo Area 1

- Profile samples from MW-352 (D1P-22) had detections of perchlorate in four intervals at 52 to 72 ft bwt and at 102 ft bwt. Well screens were set at the depth (25 to 35 ft bwt) corresponding to the top of the uppermost forward particle track from MW-258, at the depth (47 to 57 ft bwt) corresponding to the highest profile detection, and at the depth (97 to 107 ft bwt) corresponding to the deepest profile detection.
- Process water samples collected from the Frank Perkins Road ETR system influent (FPR-INF) had detections of explosives and perchlorate. Of the explosive detections, RDX and HMX were confirmed by PDA spectra.
- Process water samples collected from the Pew Road ETR system influent (PR-INF) had detections of RDX and perchlorate.

4. DELIVERABLES SUBMITTED

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5. SCHEDULED ACTIONS

Scheduled actions through the end of October include complete well installation at MW-340 (J2P-42), MW-349 (J1P-25) and MW-353 (D1P-23), and commence drilling at J2P-47 and J2P-8E. Groundwater sampling of Bourne water supply and monitoring wells, residential wells, recently installed wells, and as part of the October quarterly and August rounds of the Draft 2004 Long Term Groundwater Monitoring Plan will continue. Soil sampling will continue at the Impact Area and J-3 and J-2 Range BIP excavations. Anomaly removal at Demo Area 1 will continue. Soil excavation at Targets 23 and 42 in the Impact Area will continue.

**TABLE 2
SAMPLING PROGRESS
INTERIM MONTHLY 10/01/2004 - 10/15/2004**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
ECC100404J101 (post)	SSJ1P20001	10/14/2004	CRATER GRID	0	0.2		
ECC100404T4201 (post)	SSCIAT42024	10/14/2004	CRATER GRID	0	0.2		
ECC100604J201 (post)	SSJ2B2004	10/14/2004	CRATER GRID	0	0.2		
ECC100604J203 (post)	SSJ2B2005	10/14/2004	CRATER GRID	0	0.2		
ECC100704J201 (post)	SSJ2TCP001	10/14/2004	CRATER GRID	0	0.2		
ECC100704J203 (post)	SSJ2B5003	10/14/2004	CRATER GRID	0	0.2		
ECC100804T4201 (post)	SSCIAT42025	10/14/2004	CRATER GRID	0	0.2		
ECC100804T4202 (post)	SSCIAT42026	10/14/2004	CRATER GRID	0	0.2		
ECC101204DM01 (post)	SSD1D3032	10/14/2004	CRATER GRID	0	0.2		
ECC101404T23 (post)	SSCIAT23	10/14/2004	CRATER GRID	0	0.2		
HCA10050401AA	A10050401	10/14/2004	CRATER GRID	0	0.25		
4036000-01G-A	4036000-01G	10/04/2004	GROUNDWATER	36	69.8	6	12
4036000-01G-A	4036000-01G	10/12/2004	GROUNDWATER	38	69.8	6	12
4036000-03G-A	4036000-03G	10/12/2004	GROUNDWATER	50	60	6	12
4036000-04G-A	4036000-04G	10/04/2004	GROUNDWATER	54.6	64.6	6	12
4036000-04G-A	4036000-04G	10/12/2004	GROUNDWATER	54.6	64.6	6	12
4036000-06G-A	4036000-06G	10/04/2004	GROUNDWATER	108	128	6	12
4036000-06G-A	4036000-06G	10/12/2004	GROUNDWATER	108	128	6	12
90MP0059A-A	90MP0059	10/11/2004	GROUNDWATER	145.89	148.39	139	142
90MP0059B-A	90MP0059	10/11/2004	GROUNDWATER	116.39	118.89	110	113
90MP0059C-A	90MP0059	10/12/2004	GROUNDWATER	91.89	94.39	85	88
90MP0060C-A	90MP0060	10/11/2004	GROUNDWATER	126.52	129.02	111.52	114.02
90MP0060D-A	90MP0060	10/11/2004	GROUNDWATER	102.02	104.52	87.02	89.52
90MW0003-A	90MW0003	10/07/2004	GROUNDWATER	144	149	52.11	57.11
90MW0006-A	90MW0006	10/13/2004	GROUNDWATER	129	134	52.85	57.85
90MW0011-A	90MW0011	10/13/2004	GROUNDWATER	46.5	51.5	34.8	39.8
90MW0019-A	90MW0019	10/01/2004	GROUNDWATER	161	166	78	83
90MW0019-A	90MW0019	10/12/2004	GROUNDWATER	161	166	78	83
90MW0019-A-QA	90MW0019	10/12/2004	GROUNDWATER	161	166	78	83
90MW0031-A	90MW0031	10/07/2004	GROUNDWATER	195.32	200.22	112	117
90MW0031-A-QA	90MW0031	10/07/2004	GROUNDWATER	195.32	200.22	112	117
90MW0034-A	90MW0034	10/01/2004	GROUNDWATER	93.71	98.59	28.75	33.63
90MW0038-A	90MW0038	10/07/2004	GROUNDWATER	94.75	99.62	29	34
90MW0038-A-QA	90MW0038	10/07/2004	GROUNDWATER	94.75	99.62	29	34
90MW0039-A	90MW0039	10/01/2004	GROUNDWATER	83.74	88.6	19.33	24.19
90MW0054-A	90MW0054	10/07/2004	GROUNDWATER	107	112	91.83	96.83
90MW0054-A-QA	90MW0054	10/07/2004	GROUNDWATER	107	112	91.83	96.83
90MW0080-A	90MW0080	10/12/2004	GROUNDWATER	139	144	87.2	92.2
90MW0080-D	90MW0080	10/12/2004	GROUNDWATER	139	144	87.2	92.2
90MW0101A-A	90MW0101A	10/07/2004	GROUNDWATER	112.69	117.5	104.4	109.4
90MW0102A-A	90MW0102A	10/07/2004	GROUNDWATER	112.9	117.7	108.2	113.2

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

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**TABLE 2
SAMPLING PROGRESS
INTERIM MONTHLY 10/01/2004 - 10/15/2004**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
90SNP001-A	90SNP001	10/12/2004	GROUNDWATER	0	0	1	1
95-14-A	95-14	10/14/2004	GROUNDWATER	102	112	90	100
95-15A-A	95-15A	10/14/2004	GROUNDWATER	186.5	196.5	74.71	84.71
97-2C-A	97-2C	10/15/2004	GROUNDWATER	132	132	68	68
97-2F-A	97-2F	10/15/2004	GROUNDWATER	120	120	76.7	76.7
ASPWELL-A	ASPWELL	10/13/2004	GROUNDWATER	0	0		
BHW215083A-A	BHW215083	10/15/2004	GROUNDWATER	200	210	143.35	153.35
BHW215083B-A	BHW215083	10/15/2004	GROUNDWATER	74	84	16.95	26.95
BHW215083D-A	BHW215083	10/15/2004	GROUNDWATER	137	147	80.05	90.05
CEMETERY1-A	CEMETERY1	10/13/2004	GROUNDWATER	90	100		
CEMETERY2-A	CEMETERY2	10/12/2004	GROUNDWATER	93	189		
LRMW0003-A	LRMW0003	10/13/2004	GROUNDWATER	95	105	69.68	94.68
MW-291M1-	MW-291M1	10/14/2004	GROUNDWATER	185.41	195.41	91.94	101.94
MW-291M2-	MW-291M2	10/14/2004	GROUNDWATER	125.29	135.3	31.82	41.83
MW-321M1-	MW-321M1	10/14/2004	GROUNDWATER	174.61	184.61	69.61	79.61
MW-321M2-	MW-321M2	10/14/2004	GROUNDWATER	155.67	165.67	50.67	60.67
RANGECON-A	RANGECON	10/12/2004	GROUNDWATER	260	270	30	40
RANGECON-D	RANGECON	10/12/2004	GROUNDWATER	260	270	30	40
RS003P-A	RS003P	10/06/2004	GROUNDWATER	90	90		
RS004P-A	RS004P	10/06/2004	GROUNDWATER	0	0		
RS005P-A	RS005P	10/06/2004	GROUNDWATER	0	0		
RS006P-A	RS006P	10/06/2004	GROUNDWATER	0	0		
RS007P-A	RS007P	10/06/2004	GROUNDWATER	0	0		
RS008P-A	RS008P	10/06/2004	GROUNDWATER	0	0		
RS009P-A	RS009P	10/06/2004	GROUNDWATER	84	84		
RSNW04-A	RSNW04	10/12/2004	GROUNDWATER	0	0		
RSNW05-A	RSNW05	10/12/2004	GROUNDWATER	0	0		
RW1-A	XXRW1	10/14/2004	GROUNDWATER	50	59	0	9
RW3-A	XXRW3	10/14/2004	GROUNDWATER	270.56	280.56	203.89	213.89
TW01-1-A	01-1	10/13/2004	GROUNDWATER	62	67	55.21	60.21
TW1-88A-A	1-88	10/11/2004	GROUNDWATER	102.9	102.9	67.4	67.4
W02-03M1A	02-03	10/11/2004	GROUNDWATER	130	140	86.1	96.1
W02-03M2A	02-03	10/11/2004	GROUNDWATER	92	102	48.15	58.15
W02-03M3A	02-03	10/11/2004	GROUNDWATER	75	85	31.05	41.05
W02-04M1A	02-04	10/14/2004	GROUNDWATER	123	133	73.97	83.97
W02-12M1A	02-12	10/11/2004	GROUNDWATER	109	119	58.35	68.35
W02-12M2A	02-12	10/11/2004	GROUNDWATER	94	104	43.21	53.21
W02-12M3A	02-12	10/11/2004	GROUNDWATER	79	89	28.22	38.22
W02-13M1A	02-13	10/15/2004	GROUNDWATER	98	108	58.33	68.33
W02-13M2A	02-13	10/15/2004	GROUNDWATER	83	93	44.2	54.2
W02-13M3A	02-13	10/15/2004	GROUNDWATER	68	78	28.3	38.3

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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SAMPLING PROGRESS
INTERIM MONTHLY 10/01/2004 - 10/15/2004**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W02M1A	MW-2	10/13/2004	GROUNDWATER	212	217	75	80
W02M1A-QA	MW-2	10/13/2004	GROUNDWATER	212	217	75	80
W02M2A	MW-2	10/13/2004	GROUNDWATER	170	175	33	38
W02M2A-QA	MW-2	10/13/2004	GROUNDWATER	170	175	33	38
W02SSA	MW-2	10/13/2004	GROUNDWATER	137	147	0	10
W03DDA	MW-3	10/06/2004	GROUNDWATER	262	267	219	224
W03M1A	MW-3	10/06/2004	GROUNDWATER	240	245	196	201
W03M2A	MW-3	10/06/2004	GROUNDWATER	180	185	136	141
W132M1A	MW-132	10/01/2004	GROUNDWATER	224	234	187	197
W132SSA	MW-132	10/01/2004	GROUNDWATER	37	47	0	10
W134M2A	MW-134	10/05/2004	GROUNDWATER	170	180	25	35
W157DDA	MW-157	10/08/2004	GROUNDWATER	209	219	199	209
W157DDA-QA	MW-157	10/08/2004	GROUNDWATER	209	219	199	209
W157M1A	MW-157	10/08/2004	GROUNDWATER	154	164	144	154
W157M1A-QA	MW-157	10/08/2004	GROUNDWATER	154	164	144	154
W157M2A	MW-157	10/08/2004	GROUNDWATER	110	120	100	110
W157M2A-QA	MW-157	10/08/2004	GROUNDWATER	110	120	100	110
W157M3A	MW-157	10/08/2004	GROUNDWATER	70	80	53.94	63.94
W157M3A-QA	MW-157	10/08/2004	GROUNDWATER	70	80	53.94	63.94
W163SSA	MW-163	10/01/2004	GROUNDWATER	38	48	0	10
W169M1A	MW-169	10/13/2004	GROUNDWATER	154	159	154	159
W169M2A	MW-169	10/13/2004	GROUNDWATER	113.5	118.5	113	118
W170M3A	MW-170	10/04/2004	GROUNDWATER	123	133	20	30
W171M1A	MW-171	10/15/2004	GROUNDWATER	141	146	143	148
W171M2A	MW-171	10/15/2004	GROUNDWATER	81	86	83	88
W171M3A	MW-171	10/15/2004	GROUNDWATER	29	34	31	36
W184M2A	MW-184	10/13/2004	GROUNDWATER	126	136	0	10
W193M1A	MW-193	10/01/2004	GROUNDWATER	57	62	23.8	28.8
W193SSA	MW-193	10/01/2004	GROUNDWATER	31	36	0	5
W194M1A	MW-194	10/01/2004	GROUNDWATER	85	90	39.1	44.1
W194M1D	MW-194	10/01/2004	GROUNDWATER	85	90	39.1	44.1
W197M1A	MW-197	10/05/2004	GROUNDWATER	120	125	99.6	104.6
W197M1A-QA	MW-197	10/05/2004	GROUNDWATER	120	125	99.6	104.6
W197M2A	MW-197	10/05/2004	GROUNDWATER	80	85	59.3	64.3
W197M2A-QA	MW-197	10/05/2004	GROUNDWATER	80	85	59.3	64.3
W197M3A	MW-197	10/05/2004	GROUNDWATER	60	65	39.4	44.4
W197M3A-QA	MW-197	10/05/2004	GROUNDWATER	60	65	39.4	44.4
W197M3D	MW-197	10/05/2004	GROUNDWATER	60	65	39.4	44.4
W198M1A	MW-198	10/04/2004	GROUNDWATER	105	155	127.8	132.8
W198M1A-QA	MW-198	10/04/2004	GROUNDWATER	105	155	127.8	132.8
W198M2A	MW-198	10/04/2004	GROUNDWATER	120	125	98.4	103.4

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SAMPLING PROGRESS
INTERIM MONTHLY 10/01/2004 - 10/15/2004**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W198M2A-QA	MW-198	10/04/2004	GROUNDWATER	120	125	98.4	103.4
W198M3A	MW-198	10/04/2004	GROUNDWATER	100	105	78.5	83.5
W198M3A-QA	MW-198	10/04/2004	GROUNDWATER	100	105	78.5	83.5
W198M4A	MW-198	10/04/2004	GROUNDWATER	70	75	48.4	53.4
W198M4A-QA	MW-198	10/04/2004	GROUNDWATER	70	75	48.4	53.4
W219M1A	MW-219	10/06/2004	GROUNDWATER	357	367	178	188
W219M2A	MW-219	10/06/2004	GROUNDWATER	332	342	153.05	163.05
W219M3A	MW-219	10/06/2004	GROUNDWATER	315	325	135.8	145.8
W219M4A	MW-219	10/07/2004	GROUNDWATER	225	235	45.7	55.7
W242M1A	MW-242	10/15/2004	GROUNDWATER	235	245	141.68	151.68
W242M1A-QA	MW-242	10/15/2004	GROUNDWATER	235	245	141.68	151.68
W242M2A	MW-242	10/15/2004	GROUNDWATER	165	175	71.75	81.75
W242M2A-QA	MW-242	10/15/2004	GROUNDWATER	165	175	71.75	81.75
W243M1A	MW-243	10/01/2004	GROUNDWATER	114.5	124.5	48.85	58.85
W243M1A-QA	MW-243	10/01/2004	GROUNDWATER	114.5	124.5	48.85	58.85
W243M2A	MW-243	10/01/2004	GROUNDWATER	84.5	94.5	15.82	25.82
W243M2A-QA	MW-243	10/01/2004	GROUNDWATER	84.5	94.5	15.82	25.82
W243M3A	MW-243	10/01/2004	GROUNDWATER	69.5	79.5	0.81	10.81
W243M3A-QA	MW-243	10/01/2004	GROUNDWATER	69.5	79.5	0.81	10.81
W245M1A	MW-245	10/13/2004	GROUNDWATER	244	254	120.04	130.04
W246M1A	MW-246	10/12/2004	GROUNDWATER	178	188	116.2	126.2
W247M1A	MW-247	10/11/2004	GROUNDWATER	180	190	157.72	167.72
W247M1A-QA	MW-247	10/11/2004	GROUNDWATER	180	190	157.72	167.72
W247M2A	MW-247	10/12/2004	GROUNDWATER	125	135	102.78	112.78
W247M2A-QA	MW-247	10/12/2004	GROUNDWATER	125	135	102.78	112.78
W247M3A	MW-247	10/12/2004	GROUNDWATER	95	105	72.8	82.8
W247M3A-QA	MW-247	10/12/2004	GROUNDWATER	95	105	72.8	82.8
W250M1A	MW-250	10/12/2004	GROUNDWATER	185	195	174.65	184.65
W250M1A-QA	MW-250	10/12/2004	GROUNDWATER	185	195	174.65	184.65
W250M2A	MW-250	10/12/2004	GROUNDWATER	145	155	134.82	144.82
W250M2A-QA	MW-250	10/12/2004	GROUNDWATER	145	155	134.82	144.82
W250M3A	MW-250	10/12/2004	GROUNDWATER	95	105	84.85	94.85
W250M3A-QA	MW-250	10/12/2004	GROUNDWATER	95	105	84.85	94.85
W251M2A	MW-251	10/15/2004	GROUNDWATER	98	103	93	98
W265M3A	MW-265	10/05/2004	GROUNDWATER	200	210	72.44	82.44
W266M2A	MW-266	10/04/2004	GROUNDWATER	239	249	92.26	102.26
W277M1A	MW-277	10/06/2004	GROUNDWATER	130	140	26.3	36.3
W277M1D	MW-277	10/06/2004	GROUNDWATER	130	140	26.3	36.3
W277SSA	MW-277	10/06/2004	GROUNDWATER	102	112	0	10
W278M1A	MW-278	10/06/2004	GROUNDWATER	113	123	25.76	35.76
W278M2A	MW-278	10/06/2004	GROUNDWATER	97	102	9.79	14.79

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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SAMPLING PROGRESS
INTERIM MONTHLY 10/01/2004 - 10/15/2004**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W279M1A	MW-279	10/06/2004	GROUNDWATER	96	106	37.4	47.4
W279M2A	MW-279	10/06/2004	GROUNDWATER	83	88	26.8	31.8
W279SSA	MW-279	10/06/2004	GROUNDWATER	66	76	10	20
W28M2A	MW-28	10/04/2004	GROUNDWATER	175	185	78	88
W28SSA	MW-28	10/04/2004	GROUNDWATER	95.17	105.17	0	10
W308M1A	MW-308	10/14/2004	GROUNDWATER	325	335	127.42	137.42
W308M2A	MW-308	10/14/2004	GROUNDWATER	255	265	57.38	67.38
W320M1A	MW-320	10/14/2004	GROUNDWATER	138	148	22.49	32.49
W320M1D	MW-320	10/14/2004	GROUNDWATER	138	148	22.49	32.49
W320SSA	MW-320	10/14/2004	GROUNDWATER	114	124	0	10
W323M1A	MW-323	10/08/2004	GROUNDWATER	195	205	121.05	131.05
W323M2A	MW-323	10/08/2004	GROUNDWATER	120	130	46.05	56.05
W323SSA	MW-323	10/08/2004	GROUNDWATER	73	83	0	10
W338M1A	MW-338	10/14/2004	GROUNDWATER	189	199	115.62	125.62
W338M2A	MW-338	10/14/2004	GROUNDWATER	119	129	45.75	55.75
W338SSA	MW-338	10/14/2004	GROUNDWATER	72	82	0	8.76
W350M1A	MW-350	10/12/2004	GROUNDWATER	221	231	135.43	145.43
W350M2A	MW-350	10/12/2004	GROUNDWATER	126	136	40.96	50.96
W350M2D	MW-350	10/12/2004	GROUNDWATER	126	136	40.96	50.96
W54M3A	MW-54	10/01/2004	GROUNDWATER	180	190	29	39
W63DDA	MW-63	10/05/2004	GROUNDWATER	375	380	221	226
W63M1A	MW-63	10/05/2004	GROUNDWATER	244	254	90	100
W63M2A	MW-63	10/05/2004	GROUNDWATER	214	224	60	70
W63M3A	MW-63	10/01/2004	GROUNDWATER	182	192	28	38
W63SSA	MW-63	10/08/2004	GROUNDWATER	153	163	0	10
W81DDA	MW-81	10/01/2004	GROUNDWATER	184	194	156	166
W84DDA	MW-84	10/07/2004	GROUNDWATER	190	200	153	163
W84DDA-QA	MW-84	10/07/2004	GROUNDWATER	190	200	153	163
W84M1A	MW-84	10/08/2004	GROUNDWATER	140	150	103	113
W84M1A-QA	MW-84	10/08/2004	GROUNDWATER	140	150	103	113
W84M2A	MW-84	10/06/2004	GROUNDWATER	104	114	67	77
W84M2A-QA	MW-84	10/06/2004	GROUNDWATER	104	114	67	77
W84M3A	MW-84	10/08/2004	GROUNDWATER	79	89	42	52
W84M3A-QA	MW-84	10/08/2004	GROUNDWATER	79	89	42	52
W84SSA	MW-84	10/12/2004	GROUNDWATER	54	64	17	27
W84SSA-QA	MW-84	10/12/2004	GROUNDWATER	54	64	17	27
W89M1A	MW-98	10/04/2004	GROUNDWATER	234	244	92	102
W89M1A	MW-89	10/04/2004	GROUNDWATER	234	244	92	102
W89M1A-QA	MW-89	10/04/2004	GROUNDWATER	234	244	92	102
W89M2A	MW-89	10/05/2004	GROUNDWATER	214	224	72	82
W89M2A-QA	MW-89	10/05/2004	GROUNDWATER	214	224	72	82

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INTERIM MONTHLY 10/01/2004 - 10/15/2004**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
W89M3A	MW-89	10/05/2004	GROUNDWATER	174	184	32	42
W89M3A-QA	MW-89	10/05/2004	GROUNDWATER	174	184	32	42
XXM971-A	97-1	10/11/2004	GROUNDWATER	83	93	62	72
XXM972-A	97-2	10/11/2004	GROUNDWATER	75	85	53	63
XXM972-D	97-2	10/11/2004	GROUNDWATER	75	85	53	63
XXM973-A	97-3	10/11/2004	GROUNDWATER	75	85	36	46
XXM975-A	97-5	10/13/2004	GROUNDWATER	84	94	76	86
FPR-EFF-3A	FPR-EFF	10/01/2004	PROCESS WATER	0	0		
FPR-EFF-4A	FPR-EFF	10/02/2004	PROCESS WATER	0	0		
FPR-EFF-5A	FPR-EFF	10/04/2004	PROCESS WATER	0	0		
FPR-EFF-6A	FPR-EFF	10/07/2004	PROCESS WATER	0	0		
FPR-EFF-7A	FPR-EFF	10/12/2004	PROCESS WATER	0	0		
FPR-EFF-8A	FPR-EFF	10/14/2004	PROCESS WATER	0	0		
FPR-EFF-A-3A	FPR-EFF	10/01/2004	PROCESS WATER	0	0		
FPR-EFF-A-3B	FPR-EFF	10/01/2004	PROCESS WATER	0	0		
FPR-EFF-A-4A	FPR-EFF	10/02/2004	PROCESS WATER	0	0		
FPR-EFF-A-4B	FPR-EFF	10/02/2004	PROCESS WATER	0	0		
FPR-EFF-A-5A	FPR-EFF	10/04/2004	PROCESS WATER	0	0		
FPR-EFF-A-5B	FPR-EFF	10/04/2004	PROCESS WATER	0	0		
FPR-EFF-A-6A	FPR-EFF	10/07/2004	PROCESS WATER	0	0		
FPR-EFF-A-6B	FPR-EFF	10/07/2004	PROCESS WATER	0	0		
FPR-EFF-A-7A	FPR-EFF	10/12/2004	PROCESS WATER	0	0		
FPR-EFF-A-7B	FPR-EFF	10/12/2004	PROCESS WATER	0	0		
FPR-EFF-A-8A	FPR-EFF	10/14/2004	PROCESS WATER	0	0		
FPR-EFF-A-8B	FPR-EFF	10/14/2004	PROCESS WATER	0	0		
FPR-EFF-B-3A	FPR-EFF	10/01/2004	PROCESS WATER	0	0		
FPR-EFF-B-3B	FPR-EFF	10/01/2004	PROCESS WATER	0	0		
FPR-EFF-B-4A	FPR-EFF	10/02/2004	PROCESS WATER	0	0		
FPR-EFF-B-4B	FPR-EFF	10/02/2004	PROCESS WATER	0	0		
FPR-EFF-B-5A	FPR-EFF	10/04/2004	PROCESS WATER	0	0		
FPR-EFF-B-5B	FPR-EFF	10/04/2004	PROCESS WATER	0	0		
FPR-EFF-B-6A	FPR-EFF	10/07/2004	PROCESS WATER	0	0		
FPR-EFF-B-6B	FPR-EFF	10/07/2004	PROCESS WATER	0	0		
FPR-EFF-B-7A	FPR-EFF	10/12/2004	PROCESS WATER	0	0		
FPR-EFF-B-7B	FPR-EFF	10/12/2004	PROCESS WATER	0	0		
FPR-EFF-B-8A	FPR-EFF	10/14/2004	PROCESS WATER	0	0		
FPR-EFF-B-8B	FPR-EFF	10/14/2004	PROCESS WATER	0	0		
FPR-EFF-C-3A	FPR-EFF	10/01/2004	PROCESS WATER	0	0		
FPR-EFF-C-3B	FPR-EFF	10/01/2004	PROCESS WATER	0	0		
FPR-EFF-C-4A	FPR-EFF	10/02/2004	PROCESS WATER	0	0		
FPR-EFF-C-4B	FPR-EFF	10/02/2004	PROCESS WATER	0	0		

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**TABLE 2
SAMPLING PROGRESS
INTERIM MONTHLY 10/01/2004 - 10/15/2004**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
FPR-EFF-C-5A	FPR-EFF	10/04/2004	PROCESS WATER	0	0		
FPR-EFF-C-5B	FPR-EFF	10/04/2004	PROCESS WATER	0	0		
FPR-EFF-C-6A	FPR-EFF	10/07/2004	PROCESS WATER	0	0		
FPR-EFF-C-6B	FPR-EFF	10/07/2004	PROCESS WATER	0	0		
FPR-EFF-C-7A	FPR-EFF	10/12/2004	PROCESS WATER	0	0		
FPR-EFF-C-7B	FPR-EFF	10/12/2004	PROCESS WATER	0	0		
FPR-EFF-C-8A	FPR-EFF	10/14/2004	PROCESS WATER	0	0		
FPR-EFF-C-8B	FPR-EFF	10/14/2004	PROCESS WATER	0	0		
FPR-INF-3A	FPR-INF	10/01/2004	PROCESS WATER	0	0		
FPR-INF-4A	FPR-INF	10/02/2004	PROCESS WATER	0	0		
FPR-INF-5A	FPR-INF	10/04/2004	PROCESS WATER	0	0		
FPR-INF-6A	FPR-INF	10/07/2004	PROCESS WATER	0	0		
FPR-INF-7A	FPR-INF	10/12/2004	PROCESS WATER	0	0		
FPR-INF-8A	FPR-INF	10/14/2004	PROCESS WATER	0	0		
FPR-INF-A-3B	FPR-INF	10/01/2004	PROCESS WATER	0	0		
FPR-INF-A-4B	FPR-INF	10/02/2004	PROCESS WATER	0	0		
FPR-INF-A-5B	FPR-INF	10/04/2004	PROCESS WATER	0	0		
FPR-INF-A-6B	FPR-INF	10/07/2004	PROCESS WATER	0	0		
FPR-INF-A-7B	FPR-INF	10/12/2004	PROCESS WATER	0	0		
FPR-INF-A-8B	FPR-INF	10/14/2004	PROCESS WATER	0	0		
FPR-INF-B-3B	FPR-INF	10/01/2004	PROCESS WATER	0	0		
FPR-INF-B-4B	FPR-INF	10/02/2004	PROCESS WATER	0	0		
FPR-INF-B-5B	FPR-INF	10/04/2004	PROCESS WATER	0	0		
FPR-INF-B-6B	FPR-INF	10/07/2004	PROCESS WATER	0	0		
FPR-INF-B-7B	FPR-INF	10/12/2004	PROCESS WATER	0	0		
FPR-INF-B-8B	FPR-INF	10/14/2004	PROCESS WATER	0	0		
FPR-INF-C-3B	FPR-INF	10/01/2004	PROCESS WATER	0	0		
FPR-INF-C-4B	FPR-INF	10/02/2004	PROCESS WATER	0	0		
FPR-INF-C-5B	FPR-INF	10/04/2004	PROCESS WATER	0	0		
FPR-INF-C-6B	FPR-INF	10/07/2004	PROCESS WATER	0	0		
FPR-INF-C-7B	FPR-INF	10/12/2004	PROCESS WATER	0	0		
FPR-INF-C-8B	FPR-INF	10/14/2004	PROCESS WATER	0	0		
FPR-MID-1A-3A	FPR-MID-1	10/01/2004	PROCESS WATER	0	0		
FPR-MID-1A-4A	FPR-MID-1	10/02/2004	PROCESS WATER	0	0		
FPR-MID-1A-5A	FPR-MID-1	10/04/2004	PROCESS WATER	0	0		
FPR-MID-1A-6A	FPR-MID-1	10/07/2004	PROCESS WATER	0	0		
FPR-MID-1A-7A	FPR-MID-1	10/12/2004	PROCESS WATER	0	0		
FPR-MID-1A-8A	FPR-MID-1	10/14/2004	PROCESS WATER	0	0		
FPR-MID-1B-3A	FPR-MID-1	10/01/2004	PROCESS WATER	0	0		
FPR-MID-1B-4A	FPR-MID-1	10/02/2004	PROCESS WATER	0	0		
FPR-MID-1B-5A	FPR-MID-1	10/04/2004	PROCESS 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 2
SAMPLING PROGRESS
INTERIM MONTHLY 10/01/2004 - 10/15/2004**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
FPR-MID-1B-6A	FPR-MID-1	10/07/2004	PROCESS WATER	0	0		
FPR-MID-1B-7A	FPR-MID-1	10/12/2004	PROCESS WATER	0	0		
FPR-MID-1B-8A	FPR-MID-1	10/14/2004	PROCESS WATER	0	0		
FPR-MID-1C-3A	FPR-MID-1	10/01/2004	PROCESS WATER	0	0		
FPR-MID-1C-4A	FPR-MID-1	10/02/2004	PROCESS WATER	0	0		
FPR-MID-1C-5A	FPR-MID-1	10/04/2004	PROCESS WATER	0	0		
FPR-MID-1C-6A	FPR-MID-1	10/07/2004	PROCESS WATER	0	0		
FPR-MID-1C-7A	FPR-MID-1	10/12/2004	PROCESS WATER	0	0		
FPR-MID-1C-8A	FPR-MID-1	10/14/2004	PROCESS WATER	0	0		
FPR-MID-2A-3A	FPR-MID-2	10/01/2004	PROCESS WATER	0	0		
FPR-MID-2A-4A	FPR-MID-2	10/02/2004	PROCESS WATER	0	0		
FPR-MID-2A-5A	FPR-MID-2	10/04/2004	PROCESS WATER	0	0		
FPR-MID-2A-6A	FPR-MID-2	10/07/2004	PROCESS WATER	0	0		
FPR-MID-2A-7A	FPR-MID-2	10/12/2004	PROCESS WATER	0	0		
FPR-MID-2A-8A	FPR-MID-2	10/14/2004	PROCESS WATER	0	0		
FPR-MID-2B-3A	FPR-MID-2	10/01/2004	PROCESS WATER	0	0		
FPR-MID-2B-4A	FPR-MID-2	10/02/2004	PROCESS WATER	0	0		
FPR-MID-2B-5A	FPR-MID-2	10/04/2004	PROCESS WATER	0	0		
FPR-MID-2B-6A	FPR-MID-2	10/07/2004	PROCESS WATER	0	0		
FPR-MID-2B-7A	FPR-MID-2	10/12/2004	PROCESS WATER	0	0		
FPR-MID-2B-8A	FPR-MID-2	10/14/2004	PROCESS WATER	0	0		
FPR-MID-2C-3A	FPR-MID-2	10/01/2004	PROCESS WATER	0	0		
FPR-MID-2C-4A	FPR-MID-2	10/02/2004	PROCESS WATER	0	0		
FPR-MID-2C-5A	FPR-MID-2	10/04/2004	PROCESS WATER	0	0		
FPR-MID-2C-6A	FPR-MID-2	10/07/2004	PROCESS WATER	0	0		
FPR-MID-2C-7A	FPR-MID-2	10/12/2004	PROCESS WATER	0	0		
FPR-MID-2C-8A	FPR-MID-2	10/14/2004	PROCESS WATER	0	0		
PR-EFF-11A	PR-EFF	10/01/2004	PROCESS WATER	0	0		
PR-EFF-12A	PR-EFF	10/07/2004	PROCESS WATER	0	0		
PR-EFF-13A	PR-EFF	10/14/2004	PROCESS WATER	0	0		
PR-INF-11A	PR-INF	10/01/2004	PROCESS WATER	0	0		
PR-INF-12A	PR-INF	10/07/2004	PROCESS WATER	0	0		
PR-INF-13A	PR-INF	10/14/2004	PROCESS WATER	0	0		
PR-MID-1-11A	PR-MID-1	10/01/2004	PROCESS WATER	0	0		
PR-MID-1-12A	PR-MID-1	10/07/2004	PROCESS WATER	0	0		
PR-MID-1-13A	PR-MID-1	10/14/2004	PROCESS WATER	0	0		
PR-MID-2-11A	PR-MID-2	10/01/2004	PROCESS WATER	0	0		
PR-MID-2-12A	PR-MID-2	10/07/2004	PROCESS WATER	0	0		
PR-MID-2-13A	PR-MID-2	10/14/2004	PROCESS WATER	0	0		
G352DEA	MW-352	10/01/2004	PROFILE	60	60	42	42
G352DED	MW-352	10/01/2004	PROFILE	60	60	42	42

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 10/01/2004 - 10/15/2004**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
G352DFA	MW-352	10/01/2004	PROFILE	70	70	52	52
G352DGA	MW-352	10/01/2004	PROFILE	80	80	62	62
G352DHA	MW-352	10/01/2004	PROFILE	90	90	72	72
G352DIA	MW-352	10/04/2004	PROFILE	100	100	82	82
G352DJA	MW-352	10/04/2004	PROFILE	110	110	92	92
G352DKA	MW-352	10/04/2004	PROFILE	120	120	102	102
G352DKD	MW-352	10/04/2004	PROFILE	120	120	102	102
G352DLA	MW-352	10/04/2004	PROFILE	130	130	112	112
G352DMA	MW-352	10/04/2004	PROFILE	140	140	122	122
G352DNA	MW-352	10/04/2004	PROFILE	150	150	132	132
G352DOA	MW-352	10/04/2004	PROFILE	160	160	142	142
G352DPA	MW-352	10/05/2004	PROFILE	170	170	152	152
G352DQA	MW-352	10/05/2004	PROFILE	180	180	162	162
G352DRA	MW-352	10/05/2004	PROFILE	190	190	172	172
G352DSA	MW-352	10/05/2004	PROFILE	200	200	182	182
ECC100404J101 (pre)	SSJ1P20001	10/13/2004	SOIL GRAB	0	0.2		
ECC100604J201 (pre)	SSJ2B2004	10/13/2004	SOIL GRAB	0	0.2		
ECC100604J203 (pre)	SSJ2B2005	10/13/2004	SOIL GRAB	0	0.2		
ECC100704J203 (pre)	SSJ2B5003	10/13/2004	SOIL GRAB	0	0.2		
ECC101204DM01 (pre)	SSD1D3032	10/13/2004	SOIL GRAB	0	0.2		
HD208AB1AAA	208AB	10/08/2004	SOIL GRID	0	0.5		
HD208AB1AAD	208AB	10/08/2004	SOIL GRID	0	0.5		
HD208AB1BAA	208AB	10/08/2004	SOIL GRID	1.5	2		
HD208BB1AAA	208BB	10/08/2004	SOIL GRID	0	0.5		
HD208BB1BAA	208BB	10/08/2004	SOIL GRID	1.5	2		
HD208CB1AAA	208CB	10/08/2004	SOIL GRID	0	0.5		
HD208CB1BAA	208CB	10/08/2004	SOIL GRID	1.5	2		
HD208DB1AAA	208DB	10/08/2004	SOIL GRID	0	0.5		
HD208DB1BAA	208DB	10/08/2004	SOIL GRID	1.5	2		
HD208EB1AAA	208EB	10/08/2004	SOIL GRID	0	0.5		
HD208EB1AAD	208EB	10/08/2004	SOIL GRID	0	0.5		
HD208EB1BAA	208EB	10/08/2004	SOIL GRID	1.5	2		
HD208FB1AAA	208FB	10/08/2004	SOIL GRID	0	0.5		
HD208FB1BAA	208FB	10/08/2004	SOIL GRID	1.5	2		
HD208GB1AAA	208GB	10/08/2004	SOIL GRID	0	0.5		
HD208GB1BAA	208GB	10/08/2004	SOIL GRID	1.5	2		
HD208HB1AAA	208HB	10/08/2004	SOIL GRID	0	0.5		
HD208HB1BAA	208HB	10/08/2004	SOIL GRID	1.5	2		
LKSNK0005AAA	LKSNK0005	10/11/2004	SURFACE WATER	0	0		
LKSNK0006AAA	LKSNK0006	10/11/2004	SURFACE WATER	0	0		
LKSNK0007AAA	LKSNK0007	10/11/2004	SURFACE WATER	0	0		

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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 10/01/2004 - 10/15/2004**

SAMPLE_ID	GIS_LOCID	LOGDATE	SAMP_TYPE	SBD	SED	BWTS	BWTE
HD208AB1AAA	208AB	10/08/2004	TCLP LEACHATE	0	0.5		
HD208AB1AAD	208AB	10/08/2004	TCLP LEACHATE	0	0.5		
HD208AB1BAA	208AB	10/08/2004	TCLP LEACHATE	1.5	2		
HD208BB1AAA	208BB	10/08/2004	TCLP LEACHATE	0	0.5		
HD208BB1BAA	208BB	10/08/2004	TCLP LEACHATE	1.5	2		
HD208CB1AAA	208CB	10/08/2004	TCLP LEACHATE	0	0.5		
HD208CB1BAA	208CB	10/08/2004	TCLP LEACHATE	1.5	2		
HD208DB1AAA	208DB	10/08/2004	TCLP LEACHATE	0	0.5		
HD208DB1BAA	208DB	10/08/2004	TCLP LEACHATE	1.5	2		
HD208EB1AAA	208EB	10/08/2004	TCLP LEACHATE	0	0.5		
HD208EB1AAD	208EB	10/08/2004	TCLP LEACHATE	0	0.5		
HD208EB1BAA	208EB	10/08/2004	TCLP LEACHATE	1.5	2		
HD208FB1AAA	208FB	10/08/2004	TCLP LEACHATE	0	0.5		
HD208FB1BAA	208FB	10/08/2004	TCLP LEACHATE	1.5	2		
HD208GB1AAA	208GB	10/08/2004	TCLP LEACHATE	0	0.5		
HD208GB1BAA	208GB	10/08/2004	TCLP LEACHATE	1.5	2		
HD208HB1AAA	208HB	10/08/2004	TCLP LEACHATE	0	0.5		
HD208HB1BAA	208HB	10/08/2004	TCLP LEACHATE	1.5	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
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 9/24/04-10/15/04

WELL/LOCID	SAMPLE ID	SAMPLED	METHOD	ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW LIMIT	>DW LIMIT
MW-323	W323M2D	07/27/2004	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	6.6		UG/L	46.05	56.05	2	X
MW-176	W176M1D	08/10/2004	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	5.4		UG/L	158.55	168.55	2	X
MW-34	W34M2A	08/05/2004	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	2.1		UG/L	53	63	2	X
MW-77	W77M2D	07/28/2004	8330NX	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	12		UG/L	38	48	2	X
MW-263	W263M2D	08/02/2004	E314.0	PERCHLORATE	4.3	J	UG/L	8.66	18.66	4	X
MW-32	W32MMD	08/04/2004	E314.0	PERCHLORATE	4.03		UG/L	65	75	4	X
MW-32	W32DDA	08/03/2004	E314.0	PERCHLORATE	4.78		UG/L	85	90	4	X
MW-339	MW-339M1-	08/20/2004	E314.0	PERCHLORATE	5.6		UG/L			4	X
MW-306	MW-306M2-FD	08/13/2004	SW8330	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	5.5		UG/L			2	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 9/24/04-10/15/04

WELL/LOCID	SAMPLE ID	SAMPLED	METHOD	ANALYTE	CONC.	FLAG	UNITS	BWTS	BWTE	DW_LIMIT	>DW_LIMIT
MW-303M2	MW-303M2-	08/12/2004	SW8330	OCTAHYDRO-1,3,5,7-TETRANITRO-1,	1.3		UG/L			400	
MW-335M1	MW-335M1-	08/16/2004	E314.0	PERCHLORATE	0.67	J	UG/L			4	
MW-335M2	MW-335M2-	08/16/2004	E314.0	PERCHLORATE	0.4	J	UG/L			4	
MW-336D	MW-336D-	08/17/2004	SW8260B	CHLOROMETHANE	0.42	J	UG/L			3	
MW-339M1	MW-339M1-	08/20/2004	SW8330	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-T	1.1		UG/L			2	
MW-339M2	MW-339M2-	08/20/2004	E314.0	PERCHLORATE	0.88	J	UG/L			4	
MW-339M2	MW-339M2-FD	08/20/2004	E314.0	PERCHLORATE	0.93	J	UG/L			4	
WL220D	W220DDA	09/22/2004	OC21VM	CHLOROMETHANE	2		UG/L	171.83	181.83	3	
WL251M1	W251M1A	07/28/2004	E314.0	PERCHLORATE	0.38	J	UG/L	123	128	4	
WL264M1	W264M1A	09/27/2004	SW8270	PHENOL	0.97	J	UG/L	160.94	170.94	4000	
WL264M1	W264M1A	09/27/2004	SW8270	2-CHLOROPHENOL	1.2	J	UG/L	160.94	170.94	40	
WL264M2	W264M2A	09/27/2004	SW8270	2-CHLOROPHENOL	0.72	J	UG/L	105	115	40	
WL341M3	W341M3A	08/18/2004	E314.0	PERCHLORATE	2.95		UG/L	50.66	60.66	4	
WL34M1	W34M1A	08/05/2004	8330NX	OCTAHYDRO-1,3,5,7-TETRANITRO-1,	0.44		UG/L	73	83	400	
WL76M1	W76M1A	08/11/2004	8330NX	4-AMINO-2,6-DINITROTOLUENE	0.43	J	UG/L	58	68		

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)

**TABLE 5
DETECTED COMPOUNDS-UNVALIDATED
INTERIM MONTHLY FOR 10/01/04 - 10/15/04**

SAMPLE ID	LOCID OR WELL	SAMPLED	SAMP TYPE	SBD	SED	BWTS	BWTE	METHOD	ANALYTE	PDA
W344M2A	MW-344	09/27/2004	GROUNDWATER	145	155	27.62	37.62	E314.0	PERCHLORATE	
W344SSA	MW-344	09/27/2004	GROUNDWATER	115.5	125.5	0	8.07	E314.0	PERCHLORATE	
FPR-INF-3A	FPR-INF	10/01/2004	PROCESS WATER	0	0			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
FPR-INF-3A	FPR-INF	10/01/2004	PROCESS WATER	0	0			E314.0	PERCHLORATE	
FPR-INF-4A	FPR-INF	10/02/2004	PROCESS WATER	0	0			8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	YES
FPR-INF-4A	FPR-INF	10/02/2004	PROCESS WATER	0	0			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
FPR-INF-4A	FPR-INF	10/02/2004	PROCESS WATER	0	0			E314.0	PERCHLORATE	
FPR-INF-5A	FPR-INF	10/04/2004	PROCESS WATER	0	0			8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	YES
FPR-INF-5A	FPR-INF	10/04/2004	PROCESS WATER	0	0			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
FPR-INF-5A	FPR-INF	10/04/2004	PROCESS WATER	0	0			E314.0	PERCHLORATE	
FPR-INF-6A	FPR-INF	10/07/2004	PROCESS WATER	0	0			8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	YES
FPR-INF-6A	FPR-INF	10/07/2004	PROCESS WATER	0	0			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
FPR-INF-6A	FPR-INF	10/07/2004	PROCESS WATER	0	0			8330N	PENTAERYTHRITOL TETRANITRATE	NO
FPR-INF-6A	FPR-INF	10/07/2004	PROCESS WATER	0	0			8330N	NITROGLYCERIN	NO
FPR-INF-6A	FPR-INF	10/07/2004	PROCESS WATER	0	0			E314.0	PERCHLORATE	
PR-INF-11A	PR-INF	10/01/2004	PROCESS WATER	0	0			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
PR-INF-11A	PR-INF	10/01/2004	PROCESS WATER	0	0			E314.0	PERCHLORATE	
PR-INF-12A	PR-INF	10/07/2004	PROCESS WATER	0	0			8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	YES
PR-INF-12A	PR-INF	10/07/2004	PROCESS WATER	0	0			E314.0	PERCHLORATE	
PR-INF-9A	PR-INF	09/23/2004	PROCESS WATER	0	0			E314.0	PERCHLORATE	
G352DFA	MW-352	10/01/2004	PROFILE	70	70	52	52	E314.0	PERCHLORATE	
G352DGA	MW-352	10/01/2004	PROFILE	80	80	62	62	E314.0	PERCHLORATE	
G352DHA	MW-352	10/01/2004	PROFILE	90	90	72	72	E314.0	PERCHLORATE	
G352DKD	MW-352	10/04/2004	PROFILE	120	120	102	102	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