

**MONTHLY PROGRESS REPORT #170  
FOR MAY 2011**

**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 01 May to 31 May 2011.

**1. SUMMARY OF REMEDIATION ACTIONS**

The following is a description of Remediation Actions (RA) underway at Camp Edwards as of May 2011. Remediation Actions may include Rapid Response Actions (RRA). An RRA 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.

Demolition Area 1 Comprehensive Groundwater RA

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

The Frank Perkins Road Treatment Facility has been optimized as part of the Environmental and System Performance Monitoring (ESPM) program at Demo 1. The optimization consists of keeping all extraction wells online and operating the Frank Perkins Road Treatment facility at an optimized rate of 500 gallons per minute (gpm). As of 27 May 2011, over 1.326 billion gallons of water have been treated and re-injected.

The Pew Road Mobile Treatment Unit (MTU) continues to operate at a flow rate of 103 gpm with over 207 million gallons of water treated and re-injected. The Pew Road MTU tripped at 2050 h on 9 May 2011 due to a power interruption. There was no alarm or variable frequency drive (VFD) fault. The MTU restarted at 0829 h on 10 May 2011.

J-1 Range Groundwater RRA

The J-1 Range Groundwater RRA consists of removal and treatment of contaminated groundwater to control further migration of explosives compounds. The ETR system includes a single extraction well, ex-situ treatment process to remove explosives compounds from the groundwater, and an infiltration trench to return treated water to the aquifer.

The South MTU continues to operate at a flow rate of 45 gpm. As of 27 May 2011, over 113 million gallons of water have been treated and re-injected. Results from the 10 May 2011 sampling event indicated that RDX breakthrough (0.263µg/L) has occurred at the J-1 South System. The last breakthrough was on 05 May 2009. This is the third time breakthrough has occurred at the system since startup on 02 October 2007.

### J-3 Range Groundwater RRA

The J-3 Range Groundwater RRA consists of removal and treatment of contaminated groundwater to control further migration of explosives compounds and perchlorate. The ETR system includes three extraction wells, ex-situ treatment process to remove explosives compounds and perchlorate from the groundwater and use of the existing Fuel Spill-12 (FS-12) infiltration gallery to return treated water to the aquifer.

The J-3 system continues to operate at a flow rate of 195 gpm. As of 27 May 2011 over 432 million gallons of water have been treated and re-injected.

### J-2 Range Groundwater RRA

#### Northern Plant

The J-2 Range Northern Treatment facility consists of removal and treatment of contaminated groundwater to control further migration of explosives compounds and perchlorate. The extraction, Treatment, and Infiltration (ETI) system include three extraction wells, ex-situ treatment process to remove explosives compounds and perchlorate from the groundwater, and an infiltration basin to return treated water to the aquifer.

The Northern Treatment Building continues to operate at a flow rate of 125 gpm. As of 27 May 2011, over 302 million gallons of water have been treated and re-injected.

The Northern MTUs E and F continue to operate at a flow rate of 250 gpm. As of 27 May 2011, over 581 million gallons of water have been treated and re-injected. The North MTU F tripped at 0901 h on 02 May 2011. The MTU was restarted at 0932 h on 02 May 2011. There was a "Groundwater Pump Fault" alarm due to a power interruption.

#### Eastern Plant

The J-2 Range Eastern Treatment facility consists of removal and treatment of groundwater to minimize downgradient migration of explosives compounds and perchlorate. The ETI system includes the following components: three extraction wells in an axial array, an ex-situ treatment process consisting of an ion exchange (IX) resin and granular activated carbon (GAC) media to treat perchlorate and explosives compounds and three infiltration trenches located along the lateral boundaries of the plume where treated water will enter the vadose zone and infiltrate into the aquifer. The J-2 Range Eastern system is running at a combined total flow rate of 425 gpm.

The MTUs H and I continue to operate at a flow rate of 210 gpm. As of 27 May 2011, over 279 million gallons of water have been treated and re-injected. The MTUs H and I were shut down at 1011 h on 05 May 2011 to repair leaking check valve in unit H. The system was restarted at 1431 h on 06 May 2011 after welding the pinhole in valve assembly/cleanout cover. The MTUs H and I tripped at 1120 h on 18 May 2011. Alarms were PIT-1501 (influent pressure) and FIT-1502 (influent flow) high. The MTUs H and I were restarted at 1010 h on 19 May 2011.

The MTU J continues to operate at a flow rate of 90 gpm. As of 27 May 2011, over 124 million gallons of water have been treated and re-injected.

The MTU K continues to operate at a flow rate of 125 gpm. As of 27 May 2011, over 170 million gallons of water have been treated and re-injected.

## SUMMARY OF ACTIONS TAKEN

Samples collected during the reporting period are summarized in Table 2.

Process water samples were collected at Frank Perkins Road, Pew Road, J-2 Range Northern, J-2 Eastern plants, J-3 Range, and J-1 Range Southern plants.

Environmental monitoring groundwater samples were collected from the Central Impact Area (CIA), Former A Range, Former K Range, J-1 Range Northern, and Northwest Corner. Surface water samples were collected from Snake Pond. System performance monitoring samples were collected from the Demolition Area 1, J-1 Range Southern, J-2 Range Eastern, J-2 Range Northern, and J-3 Range study areas.

Off-site groundwater investigation continued at Demolition Area 1. Completed extraction well development and piezometer installation for RRA at Demolition Area 1. Completed profile sampling at Bourne town road locations 3W location and 1M location.

Post-excavation soil samples were collected from northern excavation area in CIA.

Continued mechanical screening of stockpiled soil at Former A Range. Initiated mechanical screening and Pneumatic Separation Unit (PSU) lead separation of stockpiled soil at Former D Range.

Continued inspecting oversized material from the Central Impact Area (CIA), performed vegetation clearance for J-1 Range monitoring wells, moved munitions items in CIA northern excavation area, and excavated the second one-foot lift in the southern CIA excavation area for the Air Force Research Laboratory (AFRL) Demonstration.

Initiated anomaly investigation in the CIA 8-acre Area, and continued anomaly removal in northern excavation area.

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## MMR IAGWSP Tech Update Meeting Minutes 12 May 2011

The following are notes from the 12 May 2011 Technical Team Meeting of the Impact Area Groundwater Study Program at Camp Edwards:

### Action Items/Deliverables/Project Notes and Updates

- Demolition Area 1: IAGWSP to draft a neighborhood notice providing an overview of the Demo 1 investigation to send to an expanded distribution in the vicinity of ongoing fieldwork.
- Gun & Mortar: EPA has approved the Gun and Mortar Investigation Report. MassDEP approval expected shortly.
- IAGWSP is working on a draft decision document for Former K Range, Former A Range and Gun & Mortar Positions.
- CIA: MassDEP comments on FS expected soon. IAGWSP provided response to EPA comments and redline strikeout on the draft FS on 31 March. Source report comments are expected from the agencies.
- J-1 Range: MassDEP will be sending a letter on the J-1 Range Decision Document. EPA will provide revised Decision Document to IAGWSP before finalization.

- J-3 Range: EPA and MassDEP are reviewing the draft project note for geophysical work at the Barrage Rocket Area. EPA provided approval for a portion of the fieldwork to begin.
- BIP Sampling Project Note: IAGWSP provided a proposed sample handling method for metals analysis for review by EPA and MassDEP.
- Snake Pond Sampling Project Note: EPA and MassDEP to provide feedback. IAGWSP will talk to the town of Sandwich health agent prior to finalization.

### **Demolition Area 1**

An update was provided on the ongoing Demolition Area 1 investigation. The extraction well, infiltration gallery, treatment unit and piping at the new treatment system has been completed. The only outstanding item continues to be the power connection. A schedule and specifications for the power connections is still needed from NStar before the electrical connection to the power grid can be made. IAGWSP will send a letter to EPA notifying them of the situation and requesting an extension. EPA suggested that IAGWSP provide an estimate as to the time frame needed so EPA can respond accordingly.

Drilling in the community is ongoing. IAGWSP has sent a request to the Town of Bourne to obtain easements for permanent monitoring well locations at three locations on town-owned roads. Discussion was held on the understanding of the width of the plume in the neighborhood and IAGWSP agreed that the depiction should be widened to account for uncertainties and to match data observed at the base boundary. IAGWSP noted that they would like to install permanent wells and then perform a calibration of the model to determine what the next steps are. EPA suggested that additional locations west of Lily Pond should be sited. IAGWSP agreed to continue to research property ownership and provide a figure with potential locations for monitoring wells. EPA asked whether or not the residents of Lily Pond Estates had been kept apprised of the ongoing fieldwork and suggested that a neighborhood notice be sent to those residents as well as the homes to the West of Lily Pond. IAGWSP will draft a notice and circulate it for review.

### **BIP**

IAGWSP provided a diagram to clarify the areas to be sampled and will revise the project note accordingly.

### **Central Impact Area**

IAGWSP passed out the results of pH monitoring of the treated soil. EPA noted they still had questions on the treatment of CIA soil using alkaline hydrolysis in an unlined area, particularly as it pertains to the mobilization of metals. They requested that samples from MW530 and MW529 be analyzed for metals. IAGWSP expressed concern that the high pH seen in these wells suggests that the wells have been impacted by infiltration of surface water down the well bore. IAGWSP will purge the wells and propose shallow soil samples to establish pH profile beneath the treated soil. The IAGWSP agreed to provide additional details on their proposal for the CIA soil and send any other information on mobilization of metals in a basic environment. It was agreed that the topic would be revisited at the next technical meeting.

### **J-3 Range Monitoring Presentation**

A presentation was provided on the J-3 Range Groundwater Monitoring Report. It was noted that perchlorate and RDX concentrations show continued decreasing trends and plumes are attenuating. The ETR system is operating as intended and no changes to pumping rates are proposed. No changes to the chemical monitoring well network or sampling frequencies are recommended.

**MMR IAGWSP Tech Update Meeting Minutes 26 May 2011**

The following are notes from the 26 May 2011 Technical Team Meeting of the Impact Area Groundwater Study Program at Camp Edwards:

**Action Items/Deliverables/Project Notes and Updates**

- Demolition Area 1: EPA and MassDEP to review the draft neighborhood notice that provides an overview of the Demo 1 investigation to send to an expanded distribution in the vicinity of ongoing fieldwork. IAGWSP to provide a project note outlining next steps in the off-post investigation.
- Gun & Mortar: MassDEP approval expected shortly.
- IAGWSP is working on a draft decision document for Former K Range, Former A Range and Gun & Mortar Positions.
- CIA: MassDEP comments on FS expected soon. MassDEP to provide source report comments.
- J-1 Range: The decision document was signed. EPA will be distributing hard copies and issuing a press release.
- Snake Pond Sampling Project Note: IAGWSP to provide for signature.

**Demolition Area 1**

An update was provided on the ongoing Demolition Area 1 investigation. The only outstanding item continues to be the power connection. The transformer will be onsite at the end of the week. NStar needs to install the final pole and make the power connections however, a schedule for these activities has not been provided. MassDEP agreed to contact NStar to try to move the process along.

Drilling in the community is ongoing. IAGWSP has received a response to their request to obtain easements for permanent monitoring well locations at three locations on town-owned roads. The town's attorney has indicated that a town meeting vote was required to grant a long-term easement but the selectmen may be able to grant a temporary easement.

Discussion was held on the potential effect of the hydraulic conditions in the area on the behavior of the plume as it pertains to identifying monitoring well locations. In addition, IAGWSP reviewed land ownership, outlining problems with several sites under consideration for drilling. A few parcels are held up in litigation brought on by the State Attorney General's office on behalf of MassDEP. MassDEP agreed to talk with the AG's office to see if they could get information on how IAGWSP could obtain access to install wells on these parcels. IAGWSP agreed to develop a work plan that outlines next steps and other potential locations while continuing to research property ownership.

**Field Work Updates**

IAGWSP provided an update on ongoing projects and fieldwork. UXO crews are working at the J-3 Barrage Rocket area. AFRL is working in the CIA and will be bulldozing the southern excavation area. Sifting to remove 50 caliber rounds at the A Range is ongoing. The rounds will be brought to the pneumatic separator, which will be started today under observation by the agencies. Sifting of Small Arms Range soil at the Former B Range is ongoing. Crews are also working on filling in excavation areas from past BIPs and burial pits.

## MMR Cleanup Team Meeting

The MMR Cleanup Team (MMRCT), formerly the Impact Area Review Team (IART) and the Plume Cleanup Team (PCT) met on 11 May 2011. The Cleanup Team meeting discusses late breaking news and responses to action items, as well as updates from the IAGWSP and IRP. The MMRCT meetings provide a forum for community input regarding issues related to both the IRP and the IAGWSP.

## 2. SUMMARY OF DATA RECEIVED

Table 4 summarizes the detections in groundwater, since 1997, that equaled or exceeded an EPA Maximum Contaminant Level (MCL), MassDEP MCL (MMCL) or Health Advisory (HA) for drinking water. This table is updated on a monthly basis. Data added this month are shaded.

Table 5 summarizes the validated detections of explosives compounds and perchlorate for all groundwater results received from 01 May through 31 May 2011. These results are compared to the MCL/HA values for respective analytes. First-time validated detections of Volatile Organic Compounds (VOC), Semi-Volatile Organic Compounds (SVOC), metals, herbicides and pesticides are typically discussed semi-annually. It is noted that MCL/HA values are in the process of being updated. Therefore, an evaluation of exceedances of MCL/HAs for analytes other than explosives compounds and perchlorate is not included in this monthly progress report. Metals, chloroform, and bis (2-ethylhexyl) phthalate (BEHP) are excluded from Table 5 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 may be introduced to the samples during collection or analysis.

Figures 1 through 8 depict the cumulative results of groundwater analyses for the period from the start of the Impact Area Groundwater Study (1997) to the present. There are no new groundwater data to report for metals, VOC, SVOC, metals, pesticides or herbicides. The figures for this month's report are included on CD only. Each figure depicts results for a different analyte class:

- Figure 1 shows the results of explosives analyses by EPA Method 8330. This figure is included each month. Note that this figure was last updated in December 2008.
- Figure 2 shows the results of inorganic analyses by methods E200.8, E365.2, CYAN, IM40MB, IM40MBM, IM40HG and SW846/6010. This figure is included semi-annually in the June and December Monthly Progress Reports. Note that this figure was last updated in March 2008.
- Figure 3 shows the results of VOC analyses by methods OC21V, OC21VM, 504, SW8021, and SW8260 exclusive of chloroform detections. This figure is included semi-annually in the June and December Monthly Progress Reports. Note that this figure was last updated in March 2008.
- Figure 4 shows the chloroform results using the VOC analyses by method OC21V and OC21VM. This figure is included semi-annually in the June and December Monthly Progress Reports. Note that this figure was last updated in March 2008.
- Figure 5 shows the results of SVOC analyses by methods OC21B and SW8270, exclusive of detections of BEHP. This figure is included semi-annually in the June and December Monthly Progress Reports. Note that this figure was last updated in March 2008.
- Figure 6 shows the BEHP results using the SVOC analyses by methods OC21B and SW8270. This figure is included semi-annually in the June and December Monthly Progress Reports. Note that this figure was last updated in March 2008.

- Figure 7 shows the results of Pesticide (method OL21P) and Herbicide (method 8151) analyses. This figure is included semi-annually in the June and December Monthly Progress Reports. Note that this figure was last updated in March 2008.
- Figure 8 shows the results of Perchlorate analysis by method E314.0, SW846/6850 or SW846/6860. This figure is included each month. Note that this figure was last updated in December 2008.

The concentrations from these analyses depicted in Figures 1 through 8 are compared to Maximum Contaminant Levels (MCLs) or Health Advisories (HAs) published by EPA for drinking water. The color coded legends are defined on each figure.

There are multiple labels listed for some wells in Figures 1 through 8, which indicate multiple well screens at different depths throughout the aquifer. The aquifer is approximately 200 to 300 feet thick in the study area. Well screens are positioned throughout this thickness based on various factors, including the results of groundwater profile samples, the geology, and projected locations of contaminants estimated by groundwater modeling. Generally, groundwater entering the top of the aquifer will move deeper into the aquifer as it moves radially outward from the top of the water table mound. Light blue dashed lines in Figures 1 through 8 depict water table contours. Groundwater generally moves perpendicular to these contours, starting at the center of the 70-foot contour (the top of the mound) and moving radially outward. The rate of vertical groundwater flow deeper into the aquifer slows as groundwater moves away from the mound.

The results presented in Figures 1 through 8 are cumulative (the figures were last updated in 2008), which provides a historical perspective on the data rather than a depiction of current conditions. Any detection at a well that equals or exceeds the MCL/HA results in the well having a red symbol, regardless of later detections at lower concentrations, or later non-detects. The difference between historical and current conditions is generally contributed to the effectiveness of remedial actions. ETR systems are in operation at Demolition Area 1, J-1 Southern, J-2 Northern, J-2 Eastern and J-3 Ranges to treat contaminated groundwater in order to control further migration of explosives compounds and/or perchlorate.

#### Figure 1: Explosives Compounds in Groundwater Compared to MCLs/HAs

Changes in detection trends in groundwater samples collected during the system performance and groundwater monitoring sampling events at respective study areas are discussed in biweekly data updates (*Summary of Explosives Results*).

Exceedances of drinking water criteria for explosives compounds have been indicated during past investigations in the following study areas:

- Demo Area 1 (wells 19, 31, 34, 73, 76, 77, 114, 129, 139, 165, 210, 211, and 431);
- Demo Area 2 (wells 16, 160, 161, 259, 262, and 404);
- Former A Range (well 206);
- The Impact Area and CS-19 (wells 58MW0001, 58MW0002, 58MW0009E, 58MW0011D, 58MW0016B, 58MW0016C, 58MW0018B; and wells 1, 2, 23, 25, 37, 38, 40, 43, 85, 86, 87, 88, 89, 90, 91, 93, 95, 98, 99, 100, 101, 102, 105, 107, 111, 112, 113, 123, 176, 178, 183, 184, 201, 203, 204, 207, 209, 212, 223, 235, 303, 369, 370, 441, OW-1, OW-2, and OW-6);
- Southeast Ranges (J-1 Southern, J-2 Northern, J-2 Eastern, J-3 and L): (wells 01, 04, 58, 130, 132, 143, 147, 153, 163, 164, 166, 171, 191, 193, 196, 198, 215, 218, 227, 232, 234, 242, 247, 250,

- 265, 289, 306, 324, 326, 343, 360, 368, 398, 477, 481, 485, 486, 487, and wells 90MW0022, 90MW0041, 90MW0054, 90WT0013, J2EW1-MW1-B, J2EW1-MW1-C, and J3EW1P1); and
- Northwest Corner of Base Boundary (well 323).

Demo Area 1 has a single well-defined source area and extent of contamination. As noted in Section 1 above, ETR systems at Frank Perkins Road and Pew Road in the Demo 1 study area include extraction wells, ex-situ treatment processes to remove explosives compounds and perchlorate from the groundwater, and injection wells to return treated water to the aquifer. System performance monitoring is performed at the Demo1 study area to assess the effectiveness of the treatment systems.

Demo Area 2 has had groundwater exceedances of the RDX HA at MW-16S, MW-160S, MW-259M1, MW-262M1 and MW-404M2. An RRA was performed at Demo 2 in the fall of 2004. Source area soil was excavated and removed. Groundwater wells within the Demo 2 study area continue to be monitored under the groundwater monitoring program.

The Former A Range has had exceedances of the RDX HA at MW-206M1. The S screen in this location is non-detect for all explosives compounds. Groundwater wells within the Former A Range study area continue to be monitored under the groundwater monitoring program.

The Central Impact Area (CIA) has a plume defined by RDX concentrations above the HA. The plume originates primarily along Turpentine Road and extends downgradient to the west-northwest. Another source of RDX in the Impact Area is CS-19. Portions of CS-19 are currently under investigation by the Air Force Center for Engineering and the Environment (AFCEE) under the Superfund program. Groundwater wells within the CIA study area continue to be monitored under the groundwater monitoring program.

The Southeast Ranges have several groundwater plumes defined by concentrations of RDX above the HA. As noted in Section 1 above, ETR systems are in place at J-1 South, J-2 North, J-2 East and J-3 Ranges to treat contaminated groundwater to control further migration of explosives compounds. System performance monitoring is performed at these study areas to assess the effectiveness of the treatment systems. Groundwater wells within the CIA, J-1 North and L Range study areas are monitored under the groundwater monitoring program.

The Northwest Corner of the base boundary has had validated detections of RDX in groundwater at MW-323M1 and MW-323M2. The S screen at this location is non-detect for explosives compounds. Groundwater wells within the Northwest Corner study area continue to be monitored under the groundwater monitoring program.

Figure 2: Metals in Groundwater Compared to MCLs/HAs

Exceedances of drinking water criteria for metals are scattered throughout the study area. Where two or more rounds of sampling data are available, the exceedances generally have not been replicated in consecutive sampling rounds. The exceedances have been measured for antimony, arsenic, cadmium, chromium, lead, molybdenum, sodium, thallium and zinc. Exceedances of the arsenic drinking water criteria were repeated at three (wells 58MW0010A, MW-7M1 and MW-45S) of the six locations with arsenic exceedances. At the remaining three locations (wells MW-3D, MW-52M2 and MW-152M1), arsenic exceedances were not repeated in subsequent results. Cadmium (well MW-52M3) and chromium (well MW-7M1) were each detected above drinking water criteria in a single sampling round in 1999. Exceedances of the drinking water criteria for lead were repeated at two of four locations (wells ASP and MW-45S). At the remaining two locations (wells MW-2S and MW-7M1) lead exceedances were not repeated in subsequent results. Exceedances of the drinking water criteria for



molybdenum were repeated at two of eight locations (wells MW-53M1 and MW-54S) with molybdenum exceedances. All of the molybdenum exceedances were observed in year 1998 and 1999 results. Exceedances of the drinking water criteria for sodium were repeated at 12 of the 21 locations with sodium exceedances (wells MW-2S, MW-21S, MW-46S, MW-57M3, MW-57M2, MW-57M1, MW-144S, MW-145S, MW-148S, MW-187D, ASP and SDW261160). Seven wells (MW-21S, MW-57M1, MW-57M3, MW-187D, BHW215083B, BHW215083D and ASP) had sodium exceedances in year 2004, 2005, and/or 2006 results. Zinc exceeded the HA in seven wells, all of which are constructed of galvanized (zinc-coated) steel.

Groundwater samples sent for target analyte metals analysis are analyzed by Inductively Coupled Plasma (ICP) in accordance with EPA method SW846/6010 with the exception of thallium and antimony. Groundwater samples submitted for antimony and/or thallium analysis are analyzed by Inductively Coupled Plasma/Mass Spectroscopy (ICP/MS) in accordance with the EPA Method SW846/6020. The ICP/MS Method 6020 has greater sensitivity, lower detection limits and the added feature of selectivity for antimony and thallium.

There have been few exceedances of drinking water limits for antimony and thallium since the introduction of more sensitive methods. Antimony levels exceeding drinking water criteria were detected in samples from 13 locations; these levels were not detected in subsequent sampling rounds. Only two antimony exceedances (wells MW-38M2 and MW-73S) were measured since May 2003. Twelve of the 71 locations with thallium exceedances had repeated exceedances in subsequent sampling rounds (wells MW-7M1, MW-7M2, MW-19S, MW-45S, MW-47M2, MW-47M3, MW-52S, MW-52D, MW-54S, MW-54M1, MW-58S and MW-94M2). There have been no exceedances of thallium since May 2003.

The distribution and lack of repeatability of the metals exceedances is not consistent with a contaminant source, nor do the detections appear to be correlated with the presence of explosives compounds or other organic compounds.

#### Figure 3: VOCs in Groundwater Compared to MCLs/HAs

Exceedances of drinking water criteria for VOCs are indicated in six general areas: Northeast Corner (well LRMW003), Impact Area boundary (MW-28S), CS-10 (wells 03MW0007A, 03MW0014A, and 03MW0020), FS-12 (wells MW-45S, 90MW0003, and ECMWSNP02D), and in the J-1 Range (well MW-187D). CS-10, LF-1 and FS-12 are sites located near the southern extent of the Training Ranges that are currently under investigation by AFCEE under the Superfund program. Exceedances of drinking water criteria were measured for tetrachloroethylene (PCE) at CS-10, for vinyl chloride at LF-1, and for methylene chloride, toluene, 1,2-dichloroethane, and ethylene dibromide (EDB) at FS-12. These compounds are believed to be associated with the sites under investigation by AFCEE; these sites currently have active treatment systems in place.

#### Figure 4: Chloroform in Groundwater Compared to MCLs

Chloroform has been widely detected in groundwater across the Upper Cape as stated in a joint press release from USEPA, MassDEP, IRP, and the Joint Programs Office. The Cape Cod Commission (2001) in their review of public water supply wells for 1999 found greater than 75% contained chloroform with an average concentration of 4.7 ug/L. The IRP has concluded chloroform is not the result of Air Force activities. A detailed discussion of the presence of chloroform in groundwater wells is provided in the Final Central Impact Area Groundwater Report (06/01).

Figure 5: SVOCs in Groundwater Compared to MCLs/HAs

Exceedances of drinking water criteria for SVOCs are scattered throughout the study area. All exceedances of drinking water criteria for SVOCs were measured for bis (2-ethylhexyl) phthalate (BEHP), with the exception of two wells. MW-264M1 (J-3 Range) had a detection of benzo(a)pyrene at concentrations of more than twice the HA and MW-241M1 (L Range) had detections of naphthalene above the HA of 100 ppb. Detections of BEHP are presented separately in Figure 6 and discussed in the next paragraph.

Figure 6: BEHP in Groundwater Compared to MCLs

Exceedances of drinking water criteria for bis (2-ethylhexyl) phthalate (BEHP) are scattered throughout the study area. BEHP is believed to be largely an artifact of the investigation methods and may be introduced to the samples during collection or analysis. However, the potential that some of the detections of BEHP are the result of activities conducted at MMR has not been ruled out.

The theory that the presence of BEHP occurs as an artifact, and is not really present in the aquifer, is supported by the results of subsequent sampling rounds that show much lower levels of the chemical after additional precautions were taken to prevent cross-contamination during sample collection and analysis. Only four locations (out of 93) showed BEHP exceedances in consecutive sampling rounds: 28MW0106 (located near SD-5, a site under investigation by AFCEE), 58MW0006E (located at CS-19), 90WT0013 (located at FS-12), and MW-146M1 (located at L Range). Subsequent sampling rounds at all these locations have had results below the MCL. Eleven wells (27MW0705, 27MW2061, C2-B, C6-C, C7-B, MW-47M2, MW-164M1, MW-168M1, MW-188M1, MW-196M1, and MW-198M1) had BEHP exceedances in the year 2002 and 2003 results. There have been no exceedances of BEHP in 2004, one exceedance of BEHP, at MW-356M1 (J-3 Range), in 2005, and one exceedance of BEHP, at MW-477M2 (J-1 Range), in 2007.

Figure 7: Herbicides and Pesticides in Groundwater Compared to MCLs/HAs

There has been one exceedance of drinking water criteria for pesticides, at well PPAWSMW-1. A contractor to the United States Air Force installed this monitoring well at the PAVE PAWS radar station in accordance with the Massachusetts Contingency Plan (MCP), in order to evaluate contamination from a fuel spill. The exceedance was for the pesticide dieldrin in a sample collected in May 1999. This well was resampled and after thorough review it was determined that the original result was a false positive.

There has been one exceedance of drinking water criteria for herbicides, at well MW-41M1 (Impact Area). This response well was installed downgradient of the Impact Area. The exceedance was for the herbicide, pentachlorophenol, in a sample collected in May 2000. There were no detections above the MCL of this compound in the three previous sampling rounds in 1999, nor in the subsequent sampling rounds in 2000, 2001, 2002, and 2003. Herbicides and pesticides are no longer target compounds in any groundwater monitoring and/or SPM sampling events.

Figure 8: Perchlorate in Groundwater Compared to MCLs/HAs

Changes in detection trends in groundwater samples collected during the system performance and groundwater monitoring sampling events at respective study areas are discussed in biweekly data updates (*Summary of Perchlorate Results*).

Sampling and analysis of groundwater for perchlorate was initiated at the end of the year 2000 as part of the IAGWSP. All perchlorate results in long term or system performance monitoring groundwater samples are currently being reported by the more definitive methods SW846/6850 or 6860, which have lower method detection limits and reporting limits. Therefore, there will likely be low level results (<0.35 µg/L) reported for perchlorate in many groundwater monitoring and system performance monitoring samples.

Cumulative exceedances of the perchlorate HA level have been indicated during past investigations in the following study areas:

- Demo Area 1 (wells 19, 31, 32, 33, 34, 35, 36, 73, 75, 76, 77, 78, 114, 129, 139, 162, 165, 172, 210, 211, 225, 255, 258, 341, 532, 545, and XX9514);
- Impact Area and CS-19 (wells 58MW0009C, 58MW0015; and wells 38, 87, 89, 91, 93, 101, 303, 313, 370, and OW-1);
- Southeast Ranges (J-1 Southern, J-2 Northern, J-2 Eastern, J-3, L and Former K): (wells 01, 04, 93, 125, 127, 128, 130, 132, 142, 143, 158, 163, 166, 193, 197, 198, 215, 227, 232, 234, 237, 243, 247, 250, 263, 265, 286, 289, 293, 295, 300, 302, 305, 307, 310, 319, 321, 324, 326, 329, 335, 339, 343, 346, 348, 366, 368, 393, and wells 90PZ0211, 90MW0022 and 90MW0054, 90WT0013, J2MW-01, J2EW1-MW1-B, J2EW1-MW1-C, J2EW2-MW3-B, J2EW3-MW2-B, J2EW0001, J2EW0002, J3EWIP1, and RS003P);
- Northwest Corner of Base Boundary (wells 4036009DC, 66, 270, 277, 278, 279, 283, 284, 287, 297, 301, 309, 323, and RSN0W3); and
- Western Boundary (wells 80, 233, and 267).

Demo Area 1 has a single well-defined source area and extent of contamination. As noted in Section 1 above, ETR systems at Frank Perkins Road and Pew Road in the Demo 1 study area include extraction wells, ex-situ treatment processes to remove explosives compounds and perchlorate from the groundwater, and injection wells to return treated water to the aquifer. System performance monitoring is performed at the Demo1 study area to assess the effectiveness of the treatment systems.

The Impact Area has had eight locations with exceedances of the perchlorate HA level. The perchlorate plume extends from near the center of the Impact Area to the northwest, in the vicinity of Burgoyne Road. Groundwater wells within the CIA study area continue to be evaluated under the groundwater monitoring program.

The Southeast Ranges have several groundwater plumes defined by concentrations of perchlorate above the HA. As noted in Section 1 above, ETR systems are in place at J-2 North, J-2 East and J-3 Ranges to treat contaminated groundwater to control further migration of perchlorate. System performance monitoring is performed at these study areas to assess the effectiveness of the treatment systems. Groundwater wells within the J-1 North and L Range study areas are monitored under the groundwater monitoring program.

The Northwest Corner has a perchlorate plume extending from Canal View Road at the base boundary to the Cape Cod Canal. Groundwater wells within the Northwest Corner study area continue to be monitored under the groundwater monitoring program.

The Western Boundary has had three locations (MW-80M1, MW-233M3 and MW-267M1) with elevated detections of perchlorate above the HA in one or more sampling rounds. Results have been well below the HA in all three wells since 2008. Groundwater wells within the Western Boundary study area continue to be monitored under the groundwater monitoring program.

**3. DELIVERABLES SUBMITTED**

Deliverables submitted during the reporting period include the following:

- Draft Demolition Area 2 Interim Environmental Monitoring Report Sampling Year 2010 05/01/2011
- Final Western Boundary Environmental Monitoring Report – October 2009 through September 2010 05/01/2011
- Draft J-3 Range Barrage Rocket Follow-up Intrusive Investigation Project Note 05/01/2011
- Final Startup Supplement to 17 March 2011 Demolition Area 1 Contingency Treatment System Design, Project Note 05/05/2011
- Monthly Progress Report No. 169, April 2011 05/10/2011
- J-1 Range Decision Document 05/31/2011

**4. SCHEDULED ACTIONS**

The following documents are being prepared or revised during May.

- Demo Area 1 neighborhood notice
- Demo Area 1 Project Note for off-post investigation
- Former A Range, Former K Range, and Gun and Mortar Positions Decision Document
- Gun and Mortar Positions-Investigation Report
- Gun and Mortar Positions Project Note: 2,4-DNT Bench Test
- CIA Draft Source Report
- CIA Draft FS
- CIA Draft Remedy Selection Plan
- CIA Post Excavation Sampling Project Note
- CIA Alkaline Hydrolysis Project Note
- Tungsten Investigation at B Range
- J-2 Range Remedial Investigation/Feasibility Study
- J-3 Range Draft Remedial Investigation/Feasibility Study
- J-3 Range Snake Pond Surface Water Sampling Project Note
- BIP Sampling Project Note

**TABLE 2 MMR Samping Progress**  
**Reporting Period: 1 May - 31 May 2011**

| Area Of Concern     | Location  | Field Sample ID | Sample Type | Date Sampled | Matrix        | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) |
|---------------------|-----------|-----------------|-------------|--------------|---------------|------------------------|---------------------------|
| CENTRAL IMPACT AREA | MW-201M2  | MW-201M2_S11    | N           | 05/26/2011   | Ground Water  | 286                    | 296                       |
| CENTRAL IMPACT AREA | MW-110M2  | MW-110M2_S11    | N           | 05/26/2011   | Ground Water  | 249                    | 259                       |
| CENTRAL IMPACT AREA | MW-108M4  | MW-108M4_S11    | N           | 05/26/2011   | Ground Water  | 240                    | 250                       |
| CENTRAL IMPACT AREA | MW-108M1  | MW-108M1_S11    | N           | 05/26/2011   | Ground Water  | 297                    | 307                       |
| CENTRAL IMPACT AREA | MW-108D   | MW-108D_S11     | N           | 05/26/2011   | Ground Water  | 317                    | 327                       |
| J3 RANGE            | LKSNK0006 | LKSNK0006_MAY11 | N           | 05/25/2011   | SURFACE WATER | 0                      | 1                         |
| J3 RANGE            | LKSNK0005 | LKSNK0005_MAY11 | N           | 05/25/2011   | SURFACE WATER | 0                      | 4                         |
| CENTRAL IMPACT AREA | MW-306M2  | MW-306M2_S11    | N           | 05/25/2011   | Ground Water  | 165                    | 175                       |
| J1 RANGE NORTH      | MW-306M2  | MW-306M2_S11    | N           | 05/25/2011   | Ground Water  | 165                    | 175                       |
| CENTRAL IMPACT AREA | MW-370M3  | MW-370M3_S11    | N           | 05/25/2011   | Ground Water  | 175                    | 185                       |
| J1 RANGE NORTH      | MW-370M3  | MW-370M3_S11    | N           | 05/25/2011   | Ground Water  | 175                    | 185                       |
| CENTRAL IMPACT AREA | MW-370M2  | MW-370M2_S11    | N           | 05/25/2011   | Ground Water  | 216                    | 226                       |
| CENTRAL IMPACT AREA | MW-370M2  | MW-370M2_S11D   | FD          | 05/25/2011   | Ground Water  | 216                    | 226                       |
| CENTRAL IMPACT AREA | MW-370M2  | MW-370M2_S11QA  | N           | 05/25/2011   | Ground Water  | 216                    | 226                       |
| J1 RANGE NORTH      | MW-370M2  | MW-370M2_S11    | N           | 05/25/2011   | Ground Water  | 216                    | 226                       |
| J1 RANGE NORTH      | MW-370M2  | MW-370M2_S11D   | FD          | 05/25/2011   | Ground Water  | 216                    | 226                       |
| J1 RANGE NORTH      | MW-370M2  | MW-370M2_S11QA  | N           | 05/25/2011   | Ground Water  | 216                    | 226                       |
| CENTRAL IMPACT AREA | MW-326M3  | MW-326M3_S11    | N           | 05/25/2011   | Ground Water  | 165                    | 175                       |
| J1 RANGE NORTH      | MW-326M3  | MW-326M3_S11    | N           | 05/25/2011   | Ground Water  | 165                    | 175                       |
| CENTRAL IMPACT AREA | MW-326M2  | MW-326M2_S11    | N           | 05/25/2011   | Ground Water  | 196                    | 206                       |
| CENTRAL IMPACT AREA | MW-326M2  | MW-326M2_S11D   | FD          | 05/25/2011   | Ground Water  | 196                    | 206                       |
| CENTRAL IMPACT AREA | MW-326M2  | MW-326M2_S11QA  | N           | 05/25/2011   | Ground Water  | 196                    | 206                       |
| J1 RANGE NORTH      | MW-326M2  | MW-326M2_S11    | N           | 05/25/2011   | Ground Water  | 196                    | 206                       |
| J1 RANGE NORTH      | MW-326M2  | MW-326M2_S11D   | FD          | 05/25/2011   | Ground Water  | 196                    | 206                       |
| J1 RANGE NORTH      | MW-326M2  | MW-326M2_S11QA  | N           | 05/25/2011   | Ground Water  | 196                    | 206                       |
| CENTRAL IMPACT AREA | MW-326M1  | MW-326M1_S11    | N           | 05/25/2011   | Ground Water  | 250                    | 260                       |
| J1 RANGE NORTH      | MW-326M1  | MW-326M1_S11    | N           | 05/25/2011   | Ground Water  | 250                    | 260                       |
| CENTRAL IMPACT AREA | MW-349M2  | MW-349M2_S11    | N           | 05/24/2011   | Ground Water  | 195                    | 205                       |
| J1 RANGE NORTH      | MW-349M2  | MW-349M2_S11    | N           | 05/24/2011   | Ground Water  | 195                    | 205                       |
| J1 RANGE NORTH      | MW-166M3  | MW-166M3_S11    | N           | 05/24/2011   | Ground Water  | 125                    | 135                       |
| J1 RANGE NORTH      | MW-166M2  | MW-166M2_S11    | N           | 05/24/2011   | Ground Water  | 150                    | 160                       |
| J1 RANGE NORTH      | MW-166M1  | MW-166M1_S11    | N           | 05/24/2011   | Ground Water  | 218                    | 223                       |
| CENTRAL IMPACT AREA | MW-401M2  | MW-401M2_S11    | N           | 05/24/2011   | Ground Water  | 141                    | 151                       |
| J1 RANGE NORTH      | MW-401M2  | MW-401M2_S11    | N           | 05/24/2011   | Ground Water  | 141                    | 151                       |
| CENTRAL IMPACT AREA | MW-401M1  | MW-401M1_S11    | N           | 05/24/2011   | Ground Water  | 256                    | 266                       |
| J1 RANGE NORTH      | MW-401M1  | MW-401M1_S11    | N           | 05/24/2011   | Ground Water  | 256                    | 266                       |
| J1 RANGE NORTH      | MW-479M1  | MW-479M1_S11    | N           | 05/23/2011   | Ground Water  | 240                    | 250                       |
| J1 RANGE NORTH      | MW-540M1  | MW-540M1_S11    | N           | 05/23/2011   | Ground Water  | 258                    | 268                       |
| CENTRAL IMPACT AREA | MW-430M2  | MW-430M2_S11    | N           | 05/23/2011   | Ground Water  | 188                    | 198                       |
| J1 RANGE NORTH      | MW-430M2  | MW-430M2_S11    | N           | 05/23/2011   | Ground Water  | 188                    | 198                       |
| CENTRAL IMPACT AREA | MW-430M1  | MW-430M1_S11    | N           | 05/23/2011   | Ground Water  | 245                    | 255                       |
| J1 RANGE NORTH      | MW-430M1  | MW-430M1_S11    | N           | 05/23/2011   | Ground Water  | 245                    | 255                       |
| J1 RANGE NORTH      | MW-541M1  | MW-541M1_S11    | N           | 05/23/2011   | Ground Water  | 210                    | 220                       |
| J2 RANGE NORTH      | MW-541M1  | MW-541M1_S11    | N           | 05/23/2011   | Ground Water  | 210                    | 220                       |
| CENTRAL IMPACT AREA | MW-205M1  | MW-205M1_S11    | N           | 05/23/2011   | Ground Water  | 167                    | 177                       |
| J1 RANGE NORTH      | MW-205M1  | MW-205M1_S11    | N           | 05/23/2011   | Ground Water  | 167                    | 177                       |
| CENTRAL IMPACT AREA | MW-106M1  | MW-106M1_S11    | N           | 05/23/2011   | Ground Water  | 170.5                  | 180.5                     |
| J1 RANGE NORTH      | MW-106M1  | MW-106M1_S11    | N           | 05/23/2011   | Ground Water  | 170.5                  | 180.5                     |
| CENTRAL IMPACT AREA | MW-485M1  | MW-485M1_S11    | N           | 05/20/2011   | Ground Water  | 125.3                  | 135.3                     |
| J1 RANGE NORTH      | MW-485M1  | MW-485M1_S11    | N           | 05/20/2011   | Ground Water  | 125.3                  | 135.3                     |
| DEMOLITION AREA 1   | MW-554M2  | MW554M2A        | N           | 05/20/2011   | Ground Water  | 89.1                   | 99.1                      |
| CENTRAL IMPACT AREA | MW-477M2  | MW-477M2_S11    | N           | 05/20/2011   | Ground Water  | 146                    | 156                       |
| CENTRAL IMPACT AREA | MW-477M2  | MW-477M2_S11D   | FD          | 05/20/2011   | Ground Water  | 146                    | 156                       |
| J1 RANGE NORTH      | MW-477M2  | MW-477M2_S11    | N           | 05/20/2011   | Ground Water  | 146                    | 156                       |
| J1 RANGE NORTH      | MW-477M2  | MW-477M2_S11D   | FD          | 05/20/2011   | Ground Water  | 146                    | 156                       |
| CENTRAL IMPACT AREA | MW-477M1  | MW-477M1_S11    | N           | 05/20/2011   | Ground Water  | 188                    | 198                       |
| J1 RANGE NORTH      | MW-477M1  | MW-477M1_S11    | N           | 05/20/2011   | Ground Water  | 188                    | 198                       |
| DEMOLITION AREA 1   | MW-554M1  | MW554M1A        | N           | 05/20/2011   | Ground Water  | 120                    | 130                       |
| DEMOLITION AREA 1   | RS0001WLM | RS0001WLM_MAY11 | N           | 05/20/2011   | Ground Water  | 0                      | 0                         |

N = Normal Sample  
 FD = Field Duplicate

**TABLE 2 MMR Samping Progress**  
**Reporting Period: 1 May - 31 May 2011**

| Area Of Concern     | Location | Field Sample ID | Sample Type | Date Sampled | Matrix       | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) |
|---------------------|----------|-----------------|-------------|--------------|--------------|------------------------|---------------------------|
| CENTRAL IMPACT AREA | MW-315M2 | MW-315M2_S11    | N           | 05/20/2011   | Ground Water | 195.7                  | 205.7                     |
| CENTRAL IMPACT AREA | MW-315M1 | MW-315M1_S11    | N           | 05/20/2011   | Ground Water | 245                    | 255                       |
| J1 RANGE NORTH      | MW-315M1 | MW-315M1_S11    | N           | 05/20/2011   | Ground Water | 245                    | 255                       |
| DEMOLITION AREA 1   | MW-559   | 1M185-189A      | N           | 05/19/2011   | GW Profile   | 185                    | 189                       |
| FORMER K RANGE      | MW-170M3 | MW-170M3_S11    | N           | 05/19/2011   | Ground Water | 123                    | 133                       |
| J2 RANGE EAST       | MW-170M3 | MW-170M3_S11    | N           | 05/19/2011   | Ground Water | 123                    | 133                       |
| FORMER K RANGE      | MW-170M2 | MW-170M2_S11    | N           | 05/19/2011   | Ground Water | 198                    | 208                       |
| J2 RANGE EAST       | MW-170M2 | MW-170M2_S11    | N           | 05/19/2011   | Ground Water | 198                    | 208                       |
| J1 RANGE NORTH      | MW-191M2 | MW-191M2_S11    | N           | 05/19/2011   | Ground Water | 120                    | 130                       |
| J1 RANGE NORTH      | MW-136S  | MW-136S_S11     | N           | 05/19/2011   | Ground Water | 107                    | 117                       |
| DEMOLITION AREA 1   | MW-559   | 1M175-179A      | N           | 05/19/2011   | GW Profile   | 175                    | 179                       |
| J3 RANGE            | MW-28    | MW-28_S11       | N           | 05/19/2011   | Ground Water | 95                     | 105                       |
| J1 RANGE NORTH      | MW-168M3 | MW-168M3_S11    | N           | 05/18/2011   | Ground Water | 103                    | 113                       |
| DEMOLITION AREA 1   | MW-559   | 1M165-169A      | N           | 05/18/2011   | GW Profile   | 165                    | 169                       |
| J1 RANGE NORTH      | MW-168M2 | MW-168M2_S11    | N           | 05/18/2011   | Ground Water | 198                    | 208                       |
| CENTRAL IMPACT AREA | MW-306M1 | MW-306M1_S11    | N           | 05/18/2011   | Ground Water | 185                    | 195                       |
| J1 RANGE NORTH      | MW-306M1 | MW-306M1_S11    | N           | 05/18/2011   | Ground Water | 185                    | 195                       |
| CENTRAL IMPACT AREA | MW-306D  | MW-306D_S11     | N           | 05/18/2011   | Ground Water | 292                    | 302                       |
| J1 RANGE NORTH      | MW-306D  | MW-306D_S11     | N           | 05/18/2011   | Ground Water | 292                    | 302                       |
| DEMOLITION AREA 1   | MW-559   | 1M155-159A      | N           | 05/18/2011   | GW Profile   | 155                    | 159                       |
| CENTRAL IMPACT AREA | MW-187M1 | MW-187M1_S11    | N           | 05/18/2011   | Ground Water | 160                    | 170                       |
| J1 RANGE NORTH      | MW-187M1 | MW-187M1_S11    | N           | 05/18/2011   | Ground Water | 160                    | 170                       |
| CENTRAL IMPACT AREA | MW-187D  | MW-187D_S11     | N           | 05/18/2011   | Ground Water | 306                    | 316                       |
| J1 RANGE NORTH      | MW-187D  | MW-187D_S11     | N           | 05/18/2011   | Ground Water | 306                    | 316                       |
| CENTRAL IMPACT AREA | MW-346M4 | MW-346M4_S11    | N           | 05/17/2011   | Ground Water | 140                    | 150                       |
| J1 RANGE NORTH      | MW-346M4 | MW-346M4_S11    | N           | 05/17/2011   | Ground Water | 140                    | 150                       |
| CENTRAL IMPACT AREA | MW-346M3 | MW-346M3_S11    | N           | 05/17/2011   | Ground Water | 175                    | 185                       |
| CENTRAL IMPACT AREA | MW-346M3 | MW-346M3_S11D   | FD          | 05/17/2011   | Ground Water | 175                    | 185                       |
| J1 RANGE NORTH      | MW-346M3 | MW-346M3_S11    | N           | 05/17/2011   | Ground Water | 175                    | 185                       |
| J1 RANGE NORTH      | MW-346M3 | MW-346M3_S11D   | FD          | 05/17/2011   | Ground Water | 175                    | 185                       |
| CENTRAL IMPACT AREA | MW-346M2 | MW-346M2_S11    | N           | 05/17/2011   | Ground Water | 205.3                  | 215.3                     |
| CENTRAL IMPACT AREA | MW-346M2 | MW-346M2_S11D   | FD          | 05/17/2011   | Ground Water | 205.3                  | 215.3                     |
| CENTRAL IMPACT AREA | MW-346M2 | MW-346M2_S11QA  | N           | 05/17/2011   | Ground Water | 205.3                  | 215.3                     |
| J1 RANGE NORTH      | MW-346M2 | MW-346M2_S11    | N           | 05/17/2011   | Ground Water | 205.3                  | 215.3                     |
| J1 RANGE NORTH      | MW-346M2 | MW-346M2_S11D   | FD          | 05/17/2011   | Ground Water | 205.3                  | 215.3                     |
| J1 RANGE NORTH      | MW-346M2 | MW-346M2_S11QA  | N           | 05/17/2011   | Ground Water | 205.3                  | 215.3                     |
| CENTRAL IMPACT AREA | MW-346M1 | MW-346M1_S11    | N           | 05/17/2011   | Ground Water | 245                    | 255                       |
| CENTRAL IMPACT AREA | MW-346M1 | MW-346M1_S11D   | FD          | 05/17/2011   | Ground Water | 245                    | 255                       |
| CENTRAL IMPACT AREA | MW-346M1 | MW-346M1_S11QA  | N           | 05/17/2011   | Ground Water | 245                    | 255                       |
| J1 RANGE NORTH      | MW-346M1 | MW-346M1_S11    | N           | 05/17/2011   | Ground Water | 245                    | 255                       |
| J1 RANGE NORTH      | MW-346M1 | MW-346M1_S11D   | FD          | 05/17/2011   | Ground Water | 245                    | 255                       |
| J1 RANGE NORTH      | MW-346M1 | MW-346M1_S11QA  | N           | 05/17/2011   | Ground Water | 245                    | 255                       |
| DEMOLITION AREA 1   | MW-559   | 1M145-149A      | N           | 05/17/2011   | GW Profile   | 145                    | 149                       |
| NORTHWEST CORNER    | RSNW01   | RSNW01_S11      | N           | 05/17/2011   | Ground Water | 0                      | 0                         |
| CENTRAL IMPACT AREA | MW-369M2 | MW-369M2_S11    | N           | 05/16/2011   | Ground Water | 216                    | 226                       |
| J1 RANGE NORTH      | MW-369M2 | MW-369M2_S11    | N           | 05/16/2011   | Ground Water | 216                    | 226                       |
| CENTRAL IMPACT AREA | MW-369M1 | MW-369M1_S11    | N           | 05/16/2011   | Ground Water | 254                    | 264                       |
| J1 RANGE NORTH      | MW-369M1 | MW-369M1_S11    | N           | 05/16/2011   | Ground Water | 254                    | 264                       |
| CENTRAL IMPACT AREA | MW-303M3 | MW-303M3_S11    | N           | 05/16/2011   | Ground Water | 140                    | 150                       |
| CENTRAL IMPACT AREA | MW-303M3 | MW-303M3_S11D   | FD          | 05/16/2011   | Ground Water | 140                    | 150                       |
| CENTRAL IMPACT AREA | MW-303M3 | MW-303M3_S11QA  | N           | 05/16/2011   | Ground Water | 140                    | 150                       |
| J1 RANGE NORTH      | MW-303M3 | MW-303M3_S11    | N           | 05/16/2011   | Ground Water | 140                    | 150                       |
| J1 RANGE NORTH      | MW-303M3 | MW-303M3_S11D   | FD          | 05/16/2011   | Ground Water | 140                    | 150                       |
| J1 RANGE NORTH      | MW-303M3 | MW-303M3_S11QA  | N           | 05/16/2011   | Ground Water | 140                    | 150                       |
| CENTRAL IMPACT AREA | MW-303M2 | MW-303M2_S11    | N           | 05/16/2011   | Ground Water | 235                    | 245                       |
| CENTRAL IMPACT AREA | MW-303M2 | MW-303M2_S11D   | FD          | 05/16/2011   | Ground Water | 235                    | 245                       |
| CENTRAL IMPACT AREA | MW-303M2 | MW-303M2_S11QA  | N           | 05/16/2011   | Ground Water | 235                    | 245                       |
| J1 RANGE NORTH      | MW-303M2 | MW-303M2_S11    | N           | 05/16/2011   | Ground Water | 235                    | 245                       |
| J1 RANGE NORTH      | MW-303M2 | MW-303M2_S11D   | FD          | 05/16/2011   | Ground Water | 235                    | 245                       |

N = Normal Sample  
 FD = Field Duplicate

**TABLE 2 MMR Samping Progress**  
**Reporting Period: 1 May - 31 May 2011**

| Area Of Concern     | Location    | Field Sample ID  | Sample Type | Date Sampled | Matrix        | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) |
|---------------------|-------------|------------------|-------------|--------------|---------------|------------------------|---------------------------|
| J1 RANGE NORTH      | MW-303M2    | MW-303M2_S11QA   | N           | 05/16/2011   | Ground Water  | 235                    | 245                       |
| CENTRAL IMPACT AREA | MW-303M1    | MW-303M1_S11     | N           | 05/16/2011   | Ground Water  | 299                    | 309                       |
| J1 RANGE NORTH      | MW-303M1    | MW-303M1_S11     | N           | 05/16/2011   | Ground Water  | 299                    | 309                       |
| DEMOLITION AREA 1   | MW-559      | 1M135-139A       | N           | 05/16/2011   | GW Profile    | 135                    | 139                       |
| DEMOLITION AREA 1   | MW-559      | 1M135-139D       | FD          | 05/16/2011   | GW Profile    | 135                    | 139                       |
| CENTRAL IMPACT AREA | MW-164M2    | MW-164M2_S11     | N           | 05/16/2011   | Ground Water  | 157                    | 167                       |
| J1 RANGE NORTH      | MW-164M2    | MW-164M2_S11     | N           | 05/16/2011   | Ground Water  | 157                    | 167                       |
| J2 RANGE NORTH      | MW-164M2    | MW-164M2_S11     | N           | 05/16/2011   | Ground Water  | 157                    | 167                       |
| CENTRAL IMPACT AREA | MW-164M1    | MW-164M1_S11     | N           | 05/16/2011   | Ground Water  | 227                    | 237                       |
| J1 RANGE NORTH      | MW-164M1    | MW-164M1_S11     | N           | 05/16/2011   | Ground Water  | 227                    | 237                       |
| J2 RANGE NORTH      | MW-164M1    | MW-164M1_S11     | N           | 05/16/2011   | Ground Water  | 227                    | 237                       |
| CENTRAL IMPACT AREA | MW-188M1    | MW-188M1_S11     | N           | 05/16/2011   | Ground Water  | 155                    | 165                       |
| J1 RANGE NORTH      | MW-188M1    | MW-188M1_S11     | N           | 05/16/2011   | Ground Water  | 155                    | 165                       |
| CENTRAL IMPACT AREA | SSCIANEAPO3 | SSCIANEAP03_100C | FR          | 05/13/2011   | Soil          | 0                      | 0.25                      |
| CENTRAL IMPACT AREA | SSCIANEAPO3 | SSCIANEAP03_100B | FR          | 05/13/2011   | Soil          | 0                      | 0.25                      |
| CENTRAL IMPACT AREA | SSCIANEAPO3 | SSCIANEAP03_100A | N           | 05/13/2011   | Soil          | 0                      | 0.25                      |
| CENTRAL IMPACT AREA | MW-486M1    | MW-486M1_S11     | N           | 05/13/2011   | Ground Water  | 185.7                  | 195.7                     |
| J1 RANGE NORTH      | MW-486M1    | MW-486M1_S11     | N           | 05/13/2011   | Ground Water  | 185.7                  | 195.7                     |
| DEMOLITION AREA 1   | MW-559      | 1M125-129A       | N           | 05/13/2011   | GW Profile    | 125                    | 129                       |
| CENTRAL IMPACT AREA | SSCIANEAPO2 | SSCIANEAP02_100C | FR          | 05/13/2011   | Soil          | 0                      | 0.25                      |
| CENTRAL IMPACT AREA | SSCIANEAPO2 | SSCIANEAP02_100B | FR          | 05/13/2011   | Soil          | 0                      | 0.25                      |
| CENTRAL IMPACT AREA | MW-265M3    | MW-265M3_S11     | N           | 05/13/2011   | Ground Water  | 200                    | 210                       |
| J1 RANGE NORTH      | MW-265M3    | MW-265M3_S11     | N           | 05/13/2011   | Ground Water  | 200                    | 210                       |
| CENTRAL IMPACT AREA | SSCIANEAPO2 | SSCIANEAP02_100A | N           | 05/13/2011   | Soil          | 0                      | 0.25                      |
| CENTRAL IMPACT AREA | MW-265M2    | MW-265M2_S11     | N           | 05/13/2011   | Ground Water  | 225                    | 235                       |
| CENTRAL IMPACT AREA | MW-265M2    | MW-265M2_S11D    | FD          | 05/13/2011   | Ground Water  | 225                    | 235                       |
| J1 RANGE NORTH      | MW-265M2    | MW-265M2_S11     | N           | 05/13/2011   | Ground Water  | 225                    | 235                       |
| J1 RANGE NORTH      | MW-265M2    | MW-265M2_S11D    | FD          | 05/13/2011   | Ground Water  | 225                    | 235                       |
| CENTRAL IMPACT AREA | MW-265M1    | MW-265M1_S11     | N           | 05/13/2011   | Ground Water  | 265                    | 275                       |
| J1 RANGE NORTH      | MW-265M1    | MW-265M1_S11     | N           | 05/13/2011   | Ground Water  | 265                    | 275                       |
| CENTRAL IMPACT AREA | SSCIANEAPO1 | SSCIANEAP01_100C | FR          | 05/13/2011   | Soil          | 0                      | 0.25                      |
| CENTRAL IMPACT AREA | MW-286M2    | MW-286M2_S11     | N           | 05/13/2011   | Ground Water  | 205                    | 215                       |
| J1 RANGE NORTH      | MW-286M2    | MW-286M2_S11     | N           | 05/13/2011   | Ground Water  | 205                    | 215                       |
| CENTRAL IMPACT AREA | SSCIANEAPO1 | SSCIANEAP01_100B | FR          | 05/13/2011   | Soil          | 0                      | 0.25                      |
| CENTRAL IMPACT AREA | SSCIANEAPO1 | SSCIANEAP01_100A | N           | 05/13/2011   | Soil          | 0                      | 0.25                      |
| CENTRAL IMPACT AREA | MW-286M1    | MW-286M1_S11     | N           | 05/13/2011   | Ground Water  | 259                    | 269                       |
| J1 RANGE NORTH      | MW-286M1    | MW-286M1_S11     | N           | 05/13/2011   | Ground Water  | 259                    | 269                       |
| CENTRAL IMPACT AREA | MW-220M1    | MW-220M1_S11     | N           | 05/13/2011   | Ground Water  | 248                    | 258                       |
| J1 RANGE NORTH      | MW-220M1    | MW-220M1_S11     | N           | 05/13/2011   | Ground Water  | 248                    | 258                       |
| CENTRAL IMPACT AREA | MW-253M1    | MW-253M1_S11     | N           | 05/13/2011   | Ground Water  | 265                    | 275                       |
| J1 RANGE NORTH      | MW-253M1    | MW-253M1_S11     | N           | 05/13/2011   | Ground Water  | 265                    | 275                       |
| NORTHWEST CORNER    | MW-314S     | MW-314S_S11      | N           | 05/12/2011   | Ground Water  | 24                     | 34                        |
| NORTHWEST CORNER    | MW-297M1    | MW-297M1_S11     | N           | 05/12/2011   | Ground Water  | 92                     | 102                       |
| NORTHWEST CORNER    | MW-338S     | MW-338S_S11      | N           | 05/12/2011   | Ground Water  | 72                     | 82                        |
| DEMOLITION AREA 1   | MW-559      | 1M95-99A         | N           | 05/12/2011   | GW Profile    | 95                     | 99                        |
| NORTHWEST CORNER    | MW-350M2    | MW-350M2_S11     | N           | 05/12/2011   | Ground Water  | 126                    | 136                       |
| NORTHWEST CORNER    | MW-298S     | MW-298S_S11      | N           | 05/12/2011   | Ground Water  | 83                     | 93                        |
| DEMOLITION AREA 1   | MW-559      | 1M85-89A         | N           | 05/12/2011   | GW Profile    | 85                     | 89                        |
| NORTHWEST CORNER    | MW-344S     | MW-344S_S11      | N           | 05/12/2011   | Ground Water  | 115.5                  | 125.5                     |
| NORTHWEST CORNER    | MW-344M2    | MW-344M2_S11     | N           | 05/12/2011   | Ground Water  | 145                    | 155                       |
| DEMOLITION AREA 1   | MW-559      | 1M75-79A         | N           | 05/11/2011   | GW Profile    | 75                     | 79                        |
| FORMER A RANGE      | MW-249M3    | MW-249M3_S11_F   | N           | 05/11/2011   | Ground Water  | 154                    | 164                       |
| FORMER A RANGE      | MW-249M3    | MW-249M3_S11     | N           | 05/11/2011   | Ground Water  | 154                    | 164                       |
| DEMOLITION AREA 1   | MW-559      | 1M65-69A         | N           | 05/11/2011   | GW Profile    | 65                     | 69                        |
| DEMOLITION AREA 1   | MW-559      | 1M55-59A         | N           | 05/11/2011   | GW Profile    | 55                     | 59                        |
| FORMER A RANGE      | MW-149S     | MW-149S_S11_F    | N           | 05/11/2011   | Ground Water  | 106                    | 116                       |
| FORMER A RANGE      | MW-149S     | MW-149S_S11      | N           | 05/11/2011   | Ground Water  | 106                    | 116                       |
| NORTHWEST CORNER    | MW-279S     | MW-279S_S11      | N           | 05/10/2011   | Ground Water  | 66                     | 76                        |
| DEMOLITION AREA 1   | PR-EFF      | PR-EFF-61A       | N           | 05/10/2011   | Process Water | 0                      | 0                         |

N = Normal Sample  
 FD = Field Duplicate

**TABLE 2 MMR Samping Progress**  
**Reporting Period: 1 May - 31 May 2011**

| Area Of Concern    | Location        | Field Sample ID     | Sample Type | Date Sampled | Matrix        | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) |
|--------------------|-----------------|---------------------|-------------|--------------|---------------|------------------------|---------------------------|
| DEMOLITION AREA 1  | PR-MID-2        | PR-MID-2-61A        | N           | 05/10/2011   | Process Water | 0                      | 0                         |
| DEMOLITION AREA 1  | PR-MID-1        | PR-MID-1-61A        | N           | 05/10/2011   | Process Water | 0                      | 0                         |
| DEMOLITION AREA 1  | PR-INF          | PR-INF-61A          | N           | 05/10/2011   | Process Water | 0                      | 0                         |
| DEMOLITION AREA 1  | FPR-2-EFF       | FPR2-EFF-61A        | N           | 05/10/2011   | Process Water | 0                      | 0                         |
| DEMOLITION AREA 1  | MW-559          | 1M45-49A            | N           | 05/10/2011   | GW Profile    | 45                     | 49                        |
| NORTHWEST CORNER   | MW-279M2        | MW-279M2_S11        | N           | 05/10/2011   | Ground Water  | 83                     | 88                        |
| NORTHWEST CORNER   | MW-279M2        | MW-279M2_S11D       | FD          | 05/10/2011   | Ground Water  | 83                     | 88                        |
| NORTHWEST CORNER   | MW-279M2        | MW-279M2_S11QA      | N           | 05/10/2011   | Ground Water  | 83                     | 88                        |
| DEMOLITION AREA 1  | FPR-2-GAC-MID1B | FPR2-GAC-MID-1B-61A | N           | 05/10/2011   | Process Water | 0                      | 0                         |
| DEMOLITION AREA 1  | FPR2-POST-IX-B  | FPR2-POST-IX-B-61A  | N           | 05/10/2011   | Process Water | 0                      | 0                         |
| DEMOLITION AREA 1  | FPR2-POST-IX-A  | FPR2-POST-IX-A-61A  | N           | 05/10/2011   | Process Water | 0                      | 0                         |
| DEMOLITION AREA 1  | FPR-2-INF       | FPR2-INF-61A        | N           | 05/10/2011   | Process Water | 0                      | 0                         |
| NORTHWEST CORNER   | MW-279M1        | MW-279M1_S11        | N           | 05/10/2011   | Ground Water  | 96                     | 106                       |
| DEMOLITION AREA 1  | MW-559          | 1M35-39A            | N           | 05/10/2011   | GW Profile    | 35                     | 39                        |
| J2 RANGE EAST      | J2E-EFF-J       | J2E-EFF-J-32A       | N           | 05/10/2011   | Process Water | 0                      | 0                         |
| J2 RANGE EAST      | J2E-MID-2J      | J2E-MID-2J-32A      | N           | 05/10/2011   | Process Water | 0                      | 0                         |
| J2 RANGE EAST      | J2E-MID-1J      | J2E-MID-1J-32A      | N           | 05/10/2011   | Process Water | 0                      | 0                         |
| J2 RANGE EAST      | J2E-INF-J       | J2E-INF-J-32A       | N           | 05/10/2011   | Process Water | 0                      | 0                         |
| J2 RANGE EAST      | J2E-EFF-K       | J2E-EFF-K-32A       | N           | 05/10/2011   | Process Water | 0                      | 0                         |
| J2 RANGE EAST      | J2E-MID-2K      | J2E-MID-2K-32A      | N           | 05/10/2011   | Process Water | 0                      | 0                         |
| J2 RANGE EAST      | J2E-MID-1K      | J2E-MID-1K-32A      | N           | 05/10/2011   | Process Water | 0                      | 0                         |
| J2 RANGE EAST      | J2E-INF-K       | J2E-INF-K-32A       | N           | 05/10/2011   | Process Water | 0                      | 0                         |
| FORMER A RANGE     | MW-536S         | MW-536S_S11_F       | N           | 05/10/2011   | Ground Water  | 158                    | 168                       |
| FORMER A RANGE     | MW-536S         | MW-536S_S11         | N           | 05/10/2011   | Ground Water  | 158                    | 168                       |
| FORMER A RANGE     | MW-206S         | MW-206S_S11_F       | N           | 05/10/2011   | Ground Water  | 156                    | 166                       |
| FORMER A RANGE     | MW-206S         | MW-206S_S11         | N           | 05/10/2011   | Ground Water  | 156                    | 166                       |
| J3 RANGE           | J3-EFF          | J3-EFF-56A          | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J3 RANGE           | J3-MID-2        | J3-MID-2-56A        | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J3 RANGE           | J3-MID-1        | J3-MID-1-56A        | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J3 RANGE           | J3-INF          | J3-INF-56A          | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J2 RANGE EAST      | J2E-EFF-IH      | J2E-EFF-IH-32A      | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J2 RANGE EAST      | J2E-MID-2H      | J2E-MID-2H-32A      | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| NORTHWEST CORNER   | MW-283M1        | MW-283M1_S11        | N           | 05/09/2011   | Ground Water  | 38                     | 48                        |
| J2 RANGE EAST      | J2E-MID-1H      | J2E-MID-1H-32A      | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J2 RANGE EAST      | J2E-MID-2I      | J2E-MID-2I-32A      | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J2 RANGE EAST      | J2E-MID-1I      | J2E-MID-1I-32A      | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J2 RANGE EAST      | J2E-INF-I       | J2E-INF-I-32A       | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J1 RANGE SOUTHEAST | J1S-EFF         | J1S-EFF-42A         | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J1 RANGE SOUTHEAST | J1S-MID-2       | J1S-MID-2-42A       | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| NORTHWEST CORNER   | MW-270S         | MW-270S_S11         | N           | 05/09/2011   | Ground Water  | 22                     | 32                        |
| J1 RANGE SOUTHEAST | J1S-INF         | J1S-INF-42A         | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| NORTHWEST CORNER   | MW-270M1        | MW-270M1_S11        | N           | 05/09/2011   | Ground Water  | 74                     | 79                        |
| NORTHWEST CORNER   | MW-270D         | MW-270D_S11         | N           | 05/09/2011   | Ground Water  | 132                    | 137                       |
| NORTHWEST CORNER   | MW-309S         | MW-309S_S11         | N           | 05/09/2011   | Ground Water  | 32                     | 42                        |
| J2 RANGE NORTH     | J2N-EFF-EF      | J2N-EFF-EF-56A      | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J2 RANGE NORTH     | J2N-MID-2F      | J2N-MID-2F-56A      | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J2 RANGE NORTH     | J2N-MID-1F      | J2N-MID-1F-56A      | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J2 RANGE NORTH     | J2N-MID-2E      | J2N-MID-2E-56A      | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J2 RANGE NORTH     | J2N-MID-1E      | J2N-MID-1E-56A      | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J2 RANGE NORTH     | J2N-INF         | J2N-INF-56A         | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| NORTHWEST CORNER   | MW-309M1        | MW-309M1_S11        | N           | 05/09/2011   | Ground Water  | 65                     | 75                        |
| J2 RANGE NORTH     | J2N-EFF-G       | J2N-EFF-G-56A       | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J2 RANGE NORTH     | J2N-MID-2G      | J2N-MID-2G-56A      | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J2 RANGE NORTH     | J2N-MID-1G      | J2N-MID-1G-56A      | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J2 RANGE NORTH     | J2N-INF-G       | J2N-INF-G-56A       | N           | 05/09/2011   | Process Water | 0                      | 0                         |
| J1 RANGE SOUTHEAST | MW-528M1        | MW-528M1_S11        | N           | 05/05/2011   | Ground Water  | 117                    | 127                       |
| J1 RANGE SOUTHEAST | MW-360M2        | MW-360M2_S11        | N           | 05/05/2011   | Ground Water  | 102                    | 112                       |
| DEMOLITION AREA 1  | DP-558          | 3W183-188A          | N           | 05/05/2011   | GW Profile    | 183                    | 188                       |

N = Normal Sample  
 FD = Field Duplicate



**TABLE 2 MMR Sampling Progress**  
**Reporting Period: 1 May - 31 May 2011**

| Area Of Concern     | Location   | Field Sample ID | Sample Type | Date Sampled | Matrix       | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) |
|---------------------|------------|-----------------|-------------|--------------|--------------|------------------------|---------------------------|
| CENTRAL IMPACT AREA | SSCIA8AC01 | TT050211CIA01_D | N           | 05/05/2011   | SOIL         | 0                      | 0.25                      |
| J1 RANGE SOUTHEAST  | MW-522M2   | MW-522M2_S11    | N           | 05/05/2011   | Ground Water | 165                    | 175                       |
| J1 RANGE SOUTHEAST  | MW-522M1   | MW-522M1_S11    | N           | 05/05/2011   | Ground Water | 198                    | 208                       |
| J1 RANGE SOUTHEAST  | MW-524M1   | MW-524M1_S11    | N           | 05/04/2011   | Ground Water | 148                    | 158                       |
| J1 RANGE SOUTHEAST  | MW-524M1   | MW-524M1_S11D   | FD          | 05/04/2011   | Ground Water | 148                    | 158                       |
| DEMOLITION AREA 1   | DP-558     | 3W173-178A      | N           | 05/04/2011   | GW Profile   | 173                    | 178                       |
| J1 RANGE SOUTHEAST  | MW-402M2   | MW-402M2_S11    | N           | 05/04/2011   | Ground Water | 155.2                  | 165.3                     |
| J1 RANGE SOUTHEAST  | MW-527M1   | MW-527M1_S11    | N           | 05/04/2011   | Ground Water | 165                    | 175                       |
| J1 RANGE SOUTHEAST  | MW-526M1   | MW-526M1_S11    | N           | 05/04/2011   | Ground Water | 164                    | 174                       |
| J1 RANGE SOUTHEAST  | MW-525M2   | MW-525M2_S11    | N           | 05/04/2011   | Ground Water | 148                    | 158                       |
| J1 RANGE SOUTHEAST  | MW-525M1   | MW-525M1_S11    | N           | 05/04/2011   | Ground Water | 172                    | 182                       |
| J1 RANGE SOUTHEAST  | MW-482M2   | MW-482M2_S11    | N           | 05/03/2011   | Ground Water | 172.6                  | 182.6                     |
| DEMOLITION AREA 1   | DP-558     | 3W163-168A      | N           | 05/03/2011   | GW Profile   | 163                    | 168                       |
| J1 RANGE SOUTHEAST  | MW-481M2   | MW-481M2_S11    | N           | 05/03/2011   | Ground Water | 146.3                  | 156.3                     |
| DEMOLITION AREA 1   | DP-558     | 3W153-158A      | N           | 05/03/2011   | GW Profile   | 153                    | 158                       |
| DEMOLITION AREA 1   | MW-129M3   | MW-129M3_S11    | N           | 05/03/2011   | Ground Water | 96                     | 106                       |
| DEMOLITION AREA 1   | MW-129M2   | MW-129M2_S11    | N           | 05/03/2011   | Ground Water | 116                    | 126                       |
| DEMOLITION AREA 1   | MW-129M1   | MW-129M1_S11    | N           | 05/03/2011   | Ground Water | 136                    | 146                       |
| DEMOLITION AREA 1   | MW-34M3    | MW-34M3_S11     | N           | 05/03/2011   | Ground Water | 111                    | 121                       |
| DEMOLITION AREA 1   | DP-558     | 3W153-158D      | FD          | 05/03/2011   | GW Profile   | 153                    | 158                       |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID  | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|------------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| DEMOLITION AREA 1   | MW-34M1     | MW-34M1_S11      | 151                | 161                   | 04/28/2011   | SW6860      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | MW-34M1_S11D     | 151                | 161                   | 04/28/2011   | SW6860      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW1-MW1-B | J2EW1-MW1-B_RS11 | 205.8              | 215.8                 | 04/01/2011   | SW6860      | Perchlorate                             | 9.2          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW1-MW1-C | J2EW1-MW1-C_RS11 | 240.8              | 250.8                 | 04/01/2011   | SW6860      | Perchlorate                             | 198          |           | UG/L  | 2      |
| DEMOLITION AREA 2   | MW-161S     | MW-161S_S11      | 148                | 158                   | 03/23/2011   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| DEMOLITION AREA 2   | MW-161S     | MW-161S_S11D     | 148                | 158                   | 03/23/2011   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.7          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-307M3    | MW-307M3_S11     | 125.8              | 135.8                 | 03/17/2011   | SW6860      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | MW-368M2_S11     | 202.7              | 212.7                 | 03/15/2011   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.6         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | MW-368M2_S11     | 202.7              | 212.7                 | 03/15/2011   | SW6860      | Perchlorate                             | 54.8         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | MW-368M2_S11D    | 202.7              | 212.7                 | 03/15/2011   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.8         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | MW-368M2_S11D    | 202.7              | 212.7                 | 03/15/2011   | SW6860      | Perchlorate                             | 54.4         |           | UG/L  | 2      |
| J3 RANGE            | J3EWIP1     | J3EWIP1_S11      | 153                | 193                   | 03/14/2011   | SW6860      | Perchlorate                             | 8.0          |           | UG/L  | 2      |
| L RANGE             | MW-242M1    | MW-242M1_S11     | 235                | 245                   | 02/25/2011   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| L RANGE             | MW-242M1    | MW-242M1_S11D    | 235                | 245                   | 02/25/2011   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2    | MW-313M2_S11     | 215                | 225                   | 02/15/2011   | SW6860      | Perchlorate                             | 5.5          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0002    | J2EW0002_S11     | 198                | 233                   | 02/14/2011   | SW6860      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0001    | J2EW0001_S11     | 179                | 234                   | 02/14/2011   | SW6860      | Perchlorate                             | 17.9         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0001    | J2EW0001_S11D    | 179                | 234                   | 02/14/2011   | SW6860      | Perchlorate                             | 18.6         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-431      | MW-431_F10       | 88                 | 188                   | 01/06/2011   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-532M2    | MW-532M2_F10     | 138                | 148                   | 12/30/2010   | SW6860      | Perchlorate                             | 21.2         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-532M2    | MW-532M2_F10D    | 138                | 148                   | 12/30/2010   | SW6860      | Perchlorate                             | 21.3         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-532M1    | MW-532M1_F10     | 168                | 178                   | 12/30/2010   | SW6860      | Perchlorate                             | 5.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-532M1    | MW-532M1_F10D    | 168                | 178                   | 12/30/2010   | SW6860      | Perchlorate                             | 5.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | MW-210M2_F10     | 156                | 166                   | 12/23/2010   | SW6860      | Perchlorate                             | 3.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | MW-210M2_F10D    | 156                | 166                   | 12/23/2010   | SW6860      | Perchlorate                             | 3.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | XX9514      | XX9514_F10       | 102                | 112                   | 12/23/2010   | SW6860      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | MW-76M2_F10      | 105                | 115                   | 12/22/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.7         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | MW-76M1_F10      | 125                | 135                   | 12/22/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.7         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | MW-76M1_F10D     | 125                | 135                   | 12/22/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.9         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-73S      | MW-73S_F10       | 54.2               | 63.7                  | 12/22/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | MW-19S_F10       | 38                 | 48                    | 12/22/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | MW-77M2_F10      | 120                | 130                   | 12/21/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | MW-77M2_F10D     | 120                | 130                   | 12/21/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | MW-31S_F10       | 98                 | 103                   | 12/21/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | MW-31S_F10       | 98                 | 103                   | 12/21/2010   | SW8330      | 2,4,6-Trinitrotoluene                   | 2.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | MW-31M_F10       | 113                | 123                   | 12/21/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | MW-211M1_F10     | 200                | 210                   | 12/21/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 21.8         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | MW-211M1_F10     | 200                | 210                   | 12/21/2010   | SW6860      | Perchlorate                             | 64.8         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | MW-211M1_F10D    | 200                | 210                   | 12/21/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 20.4         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | MW-211M1_F10D    | 200                | 210                   | 12/21/2010   | SW6860      | Perchlorate                             | 62.8         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | MW-23M1_F10      | 225                | 235                   | 12/09/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-545M4    | MW-545M4A        | 72                 | 82                    | 12/08/2010   | SW6850      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | MW-178M1_F10     | 257                | 267                   | 12/08/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-545M2    | MW-545M2A        | 142                | 152                   | 12/07/2010   | SW6850      | Perchlorate                             | 12.2         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-545M2    | MW-545M2D        | 142                | 152                   | 12/07/2010   | SW6850      | Perchlorate                             | 12.0         |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-528M1    | MW-528M1_F10     | 117                | 127                   | 12/07/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J1 RANGE SOUTHEAST  | MW-528M1    | MW-528M1_F10D   | 117                | 127                   | 12/07/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | MW-235M1_F10    | 154                | 164                   | 12/07/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-524M1    | MW-524M1_F10    | 148                | 158                   | 12/06/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 53.5         |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-524M1    | MW-524M1_F10D   | 148                | 158                   | 12/06/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 52.7         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-545M3    | MW-545M3A       | 102                | 112                   | 12/06/2010   | SW6850      | Perchlorate                             | 9.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | MW-184M1_F10    | 186                | 196                   | 11/23/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | MW-184M1_F10D   | 186                | 196                   | 11/23/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | MW-91M1_F10     | 170                | 180                   | 11/22/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-123M1    | MW-123M1_F10    | 291                | 301                   | 11/18/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-100M1    | MW-100M1_F10    | 179                | 189                   | 11/18/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | MW-209M1_F10    | 240                | 250                   | 11/17/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | MW-209M1_F10D   | 240                | 250                   | 11/17/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | MW-88M2_F10     | 213                | 223                   | 11/17/2010   | SW6850      | Perchlorate                             | 4.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | MW-88M2_F10D    | 213                | 223                   | 11/17/2010   | SW6850      | Perchlorate                             | 4.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | MW-176M1_F10    | 270                | 280                   | 11/16/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | MW-176M1_F10D   | 270                | 280                   | 11/16/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | MW-207M1_F10    | 254                | 264                   | 11/16/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | MW-87M1_F10     | 194                | 204                   | 11/16/2010   | SW6850      | Perchlorate                             | 5.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | MW-87M1_F10D    | 194                | 204                   | 11/16/2010   | SW6850      | Perchlorate                             | 5.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | MW-89M2_F10     | 214                | 224                   | 11/16/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.6         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | MW-89M2_F10D    | 214                | 224                   | 11/16/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.7         |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-360M2    | MW-360M2_F10    | 102                | 112                   | 11/12/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.1          |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-360M2    | MW-360M2_F10D   | 102                | 112                   | 11/12/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.1          |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-481M2    | MW-481M2_F10    | 148                | 158                   | 11/10/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2    | MW-284M2_F10    | 45                 | 55                    | 11/04/2010   | SW6850      | Perchlorate                             | 4.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2    | MW-284M2_F10D   | 45                 | 55                    | 11/04/2010   | SW6850      | Perchlorate                             | 4.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M3    | MW-303M3_F10    | 140                | 150                   | 11/04/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | MW-303M2_F10    | 235                | 245                   | 11/04/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 16.6         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | MW-303M2_F10    | 235                | 245                   | 11/04/2010   | SW6850      | Perchlorate                             | 4.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | MW-303M2_F10D   | 235                | 245                   | 11/04/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 16.9         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-369M1    | MW-369M1_F10    | 254                | 264                   | 11/04/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | MW-370M2_F10    | 216                | 226                   | 11/03/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | MW-370M2_F10    | 216                | 226                   | 11/03/2010   | SW6850      | Perchlorate                             | 19.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | MW-370M2_F10D   | 216                | 226                   | 11/03/2010   | SW6850      | Perchlorate                             | 18.6         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-441M2    | MW-441M2_F10    | 109.5              | 119.5                 | 11/02/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.5          |           | UG/L  | 2      |
| DEMOLITION AREA 2   | MW-161S     | MW-161S_F10     | 148                | 158                   | 10/20/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | MW-198M4_F10    | 70                 | 75                    | 10/14/2010   | SW6860      | Perchlorate                             | 7.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | MW-198M4_F10D   | 70                 | 75                    | 10/14/2010   | SW6860      | Perchlorate                             | 8.1          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | MW-198M3_F10    | 100                | 105                   | 10/14/2010   | SW6860      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | MW-198M2_F10    | 120                | 125                   | 10/14/2010   | SW6860      | Perchlorate                             | 6.7          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | MW-198M2_F10D   | 120                | 125                   | 10/14/2010   | SW6860      | Perchlorate                             | 6.8          |           | UG/L  | 2      |
| J3 RANGE            | MW-343M2    | MW-343M2_F10    | 167                | 172                   | 10/13/2010   | SW6860      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| J3 RANGE            | MW-343M1    | MW-343M1_F10    | 215                | 225                   | 10/13/2010   | SW6860      | Perchlorate                             | 4.2          |           | UG/L  | 2      |
| J3 RANGE            | J3EWIP1     | J3EWIP1_F10     | 153                | 193                   | 10/12/2010   | SW6860      | Perchlorate                             | 12.0         |           | UG/L  | 2      |
| J3 RANGE            | J3EWIP1     | J3EWIP1_F10D    | 153                | 193                   | 10/12/2010   | SW6860      | Perchlorate                             | 12.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-250M2    | MW-250M2_F10    | 145                | 155                   | 10/12/2010   | SW6860      | Perchlorate                             | 3.8          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID    | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|--------------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J3 RANGE            | MW-143M2    | MW-143M2_F10       | 117                | 122                   | 10/11/2010   | SW6860      | Perchlorate                             | 6.6          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | MW-227M2_F10       | 110                | 120                   | 10/07/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.6          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | MW-227M2_F10       | 110                | 120                   | 10/07/2010   | SW6860      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | MW-227M2_F10D      | 110                | 120                   | 10/07/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.8          |           | UG/L  | 2      |
| J2 RANGE EAST       | J2MW-04M1   | J2MW-04M1_F10      | 257                | 267                   | 10/05/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| J2 RANGE EAST       | J2MW-04M1   | J2MW-04M1_F10      | 257                | 267                   | 10/05/2010   | SW6860      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| J2 RANGE EAST       | J2MW-04M1   | J2MW-04M1_F10D     | 257                | 267                   | 10/05/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2    | MW-215M2_F10       | 205                | 215                   | 09/29/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2    | MW-215M2_F10       | 205                | 215                   | 09/29/2010   | SW6860      | Perchlorate                             | 4.0          |           | UG/L  | 2      |
| J2 RANGE EAST       | J2MW-01M2   | J2MW-01M2_F10      | 245                | 255                   | 09/15/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| J2 RANGE EAST       | J2MW-01M2   | J2MW-01M2_F10      | 245                | 255                   | 09/15/2010   | SW6860      | Perchlorate                             | 28.0         |           | UG/L  | 2      |
| J2 RANGE EAST       | J2MW-01M2   | J2MW-01M2_F10D     | 245                | 255                   | 09/15/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| J2 RANGE EAST       | J2MW-01M2   | J2MW-01M2_F10D     | 245                | 255                   | 09/15/2010   | SW6860      | Perchlorate                             | 30.7         |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-310M1    | MW-310M1_F10       | 171                | 181                   | 09/14/2010   | SW6860      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-310M1    | MW-310M1_F10D      | 171                | 181                   | 09/14/2010   | SW6860      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-335M1    | MW-335M1_F10       | 255                | 265                   | 09/14/2010   | SW6860      | Perchlorate                             | 4.8          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-335M1    | MW-335M1_F10D      | 255                | 265                   | 09/14/2010   | SW6860      | Perchlorate                             | 4.7          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-307M3    | MW-307M3_F10       | 126                | 136                   | 09/14/2010   | SW6860      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW1-MW1-C | J2EW1-MW1-C_FAL10  | 240.8              | 250.8                 | 09/08/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW1-MW1-C | J2EW1-MW1-C_FAL10  | 240.8              | 250.8                 | 09/08/2010   | SW6860      | Perchlorate                             | 179          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW1-MW1-C | J2EW1-MW1-C_FAL10D | 240.8              | 250.8                 | 09/08/2010   | SW6860      | Perchlorate                             | 164          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2    | MW-313M2_FAL10     | 215                | 225                   | 09/07/2010   | SW6860      | Perchlorate                             | 6.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2    | MW-313M2_FAL10D    | 215                | 225                   | 09/07/2010   | SW6860      | Perchlorate                             | 6.0          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW2-MW3-B | J2EW2-MW3-B_FAL10  | 211.7              | 221.7                 | 09/07/2010   | SW6860      | Perchlorate                             | 21.7         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW2-MW3-B | J2EW2-MW3-B_FAL10D | 211.7              | 221.7                 | 09/07/2010   | SW6860      | Perchlorate                             | 21.8         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | MW-368M2_F10       | 203                | 213                   | 09/02/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.1         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | MW-368M2_F10       | 203                | 213                   | 09/02/2010   | SW6860      | Perchlorate                             | 45.6         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | MW-368M2_F10D      | 203                | 213                   | 09/02/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.2         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | MW-368M2_F10D      | 203                | 213                   | 09/02/2010   | SW6860      | Perchlorate                             | 43.5         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M1    | MW-368M1_F10       | 237                | 247                   | 09/02/2010   | SW6860      | Perchlorate                             | 63.1         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M1    | MW-368M1_F10D      | 237                | 247                   | 09/02/2010   | SW6860      | Perchlorate                             | 69.9         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0001    | J2EW0001_FAL10     | 179                | 234                   | 08/30/2010   | SW6860      | Perchlorate                             | 18.9         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0001    | J2EW0001_FAL10D    | 179                | 234                   | 08/30/2010   | SW6860      | Perchlorate                             | 18.3         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0002    | J2EW0002_FAL10     | 198                | 233                   | 08/30/2010   | SW6860      | Perchlorate                             | 3.2          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M2    | MW-234M2_FAL10D    | 110                | 120                   | 08/25/2010   | SW8330      | 2,4,6-Trinitrotoluene                   | 2.1          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1    | MW-234M1_FAL10     | 130                | 140                   | 08/25/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2    | MW-289M2_FAL10     | 162                | 172                   | 08/24/2010   | SW6860      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-532M2    | MW-532M2_TRI10     | 138                | 148                   | 08/17/2010   | SW6860      | Perchlorate                             | 7.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-532M2    | MW-532M2_TRI10D    | 138                | 148                   | 08/17/2010   | SW6860      | Perchlorate                             | 7.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-532M1    | MW-532M1_TRI10     | 168                | 178                   | 08/17/2010   | SW6860      | Perchlorate                             | 5.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-223M2    | MW-223M2_SPR10     | 185                | 195                   | 06/29/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01S      | MW-01S_SPR10       | 114                | 124                   | 06/23/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-183M1    | MW-183M1_SPR10     | 286                | 296                   | 06/22/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.8          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | MW-87M1_SPR10      | 194                | 204                   | 06/14/2010   | SW6850      | Perchlorate                             | 4.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | MW-87M1_SPR10D     | 194                | 204                   | 06/14/2010   | SW6850      | Perchlorate                             | 4.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | MW-184M1_SPR10     | 186                | 196                   | 06/09/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.3          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-184M1    | MW-184M1_SPR10D | 186                | 196                   | 06/09/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | MW-91S_SPR10    | 124                | 134                   | 06/08/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | MW-91S_SPR10D   | 124                | 134                   | 06/08/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | MW-91M1_SPR10   | 170                | 180                   | 06/08/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | MW-88M2_SPR10   | 213                | 223                   | 06/08/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | MW-88M2_SPR10   | 213                | 223                   | 06/08/2010   | SW6850      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | MW-88M2_SPR10D  | 213                | 223                   | 06/08/2010   | SW6850      | Perchlorate                             | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | MW-89M2_SPR10   | 214                | 224                   | 06/03/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 16.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | MW-89M2_SPR10   | 214                | 224                   | 06/03/2010   | SW6850      | Perchlorate                             | 9.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | MW-89M2_SPR10D  | 214                | 224                   | 06/03/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 15.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | MW-89M2_SPR10D  | 214                | 224                   | 06/03/2010   | SW6850      | Perchlorate                             | 9.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | MW-235M1_SPR10  | 154                | 164                   | 06/01/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-487M2    | MW-487M2_SPR10  | 195                | 205                   | 06/01/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-487M2    | MW-487M2_SPR10D | 195                | 205                   | 06/01/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | MW-113M2_SPR10  | 190                | 200                   | 06/01/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | MW-113M2_SPR10D | 190                | 200                   | 06/01/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | MW-207M1_SPR10  | 254                | 264                   | 05/26/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | MW-207M1_SPR10D | 254                | 264                   | 05/26/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | MW-209M1_SPR10  | 240                | 250                   | 05/26/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | MW-209M1_SPR10D | 240                | 250                   | 05/26/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | MW-178M1_SPR10  | 257                | 267                   | 05/25/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | MW-176M1_SPR10  | 270                | 280                   | 05/25/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | MW-176M1_SPR10D | 270                | 280                   | 05/25/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-326M2    | MW-326M2_SPR10  | 196                | 206                   | 05/19/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 15.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-326M2    | MW-326M2_SPR10  | 196                | 206                   | 05/19/2010   | SW6850      | Perchlorate                             | 9.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-346M3    | MW-346M3_SPR10  | 175                | 185                   | 05/19/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-346M3    | MW-346M3_SPR10  | 175                | 185                   | 05/19/2010   | SW6850      | Perchlorate                             | 6.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-346M1    | MW-346M1_SPR10  | 245                | 255                   | 05/19/2010   | SW6850      | Perchlorate                             | 40.6         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-346M1    | MW-346M1_SPR10D | 245                | 255                   | 05/19/2010   | SW6850      | Perchlorate                             | 40.9         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | MW-303M2_SPR10  | 235                | 245                   | 05/19/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | MW-303M2_SPR10  | 235                | 245                   | 05/19/2010   | SW6850      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | MW-303M2_SPR10D | 235                | 245                   | 05/19/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | MW-370M2_SPR10  | 216                | 226                   | 05/17/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | MW-370M2_SPR10  | 216                | 226                   | 05/17/2010   | SW6850      | Perchlorate                             | 24.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | MW-370M2_SPR10D | 216                | 226                   | 05/17/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | MW-370M2_SPR10D | 216                | 226                   | 05/17/2010   | SW6850      | Perchlorate                             | 24.9         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-286M2    | MW-286M2_SPR10  | 205                | 215                   | 05/17/2010   | SW6850      | Perchlorate                             | 8.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-286M2    | MW-286M2_SPR10D | 205                | 215                   | 05/17/2010   | SW6850      | Perchlorate                             | 8.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M3    | MW-265M3_SPR10  | 200                | 210                   | 05/13/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | MW-265M2_SPR10  | 225                | 235                   | 05/13/2010   | SW6850      | Perchlorate                             | 13.8         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | MW-265M2_SPR10D | 225                | 235                   | 05/13/2010   | SW6850      | Perchlorate                             | 13.8         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-369M1    | MW-369M1_SPR10  | 254                | 264                   | 05/12/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-486M1    | MW-486M1_SPR10  | 185.7              | 195.7                 | 05/12/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-486M1    | MW-486M1_SPR10D | 185.7              | 195.7                 | 05/12/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-477M2    | MW-477M2_SPR10  | 146                | 156                   | 05/12/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.4          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2    | MW-284M2_SPR10  | 45                 | 55                    | 05/10/2010   | SW6850      | Perchlorate                             | 5.0          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| NORTHWEST CORNER    | MW-284M2    | MW-284M2_SPR10D | 45                 | 55                    | 05/10/2010   | SW6850      | Perchlorate                             | 5.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-323M2    | MW-323M2_SPR10  | 120                | 130                   | 05/06/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-323M2    | MW-323M2_SPR10D | 120                | 130                   | 05/06/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | MW-279M2_SPR10  | 83                 | 88                    | 05/06/2010   | SW6850      | Perchlorate                             | 8.5          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | MW-279M2_SPR10D | 83                 | 88                    | 05/06/2010   | SW6850      | Perchlorate                             | 7.9          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | MW-278M2_SPR10  | 97                 | 102                   | 05/05/2010   | SW6850      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-441M2    | MW-441M2_SPR10  | 109.5              | 119.5                 | 05/05/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-432      | MW-432_SPR10    | 88                 | 188                   | 05/05/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-432      | MW-432_SPR10    | 88                 | 188                   | 05/05/2010   | SW6860      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-432      | MW-432_SPR10D   | 88                 | 188                   | 05/05/2010   | SW6860      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-360M2    | MW-360M2_SPR10  | 102                | 112                   | 04/29/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | MW-211M1_SPR10  | 200                | 210                   | 04/27/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 15.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | MW-211M1_SPR10  | 200                | 210                   | 04/27/2010   | SW6860      | Perchlorate                             | 93.7         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | MW-211M1_SPR10D | 200                | 210                   | 04/27/2010   | SW6860      | Perchlorate                             | 92.9         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | MW-19S_SPR10    | 38                 | 48                    | 04/22/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.6         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | MW-19S_SPR10D   | 38                 | 48                    | 04/22/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.2         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | MW-210M2_SPR10  | 156                | 166                   | 04/20/2010   | SW6860      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | MW-210M2_SPR10D | 156                | 166                   | 04/20/2010   | SW6860      | Perchlorate                             | 4.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-532M2    | MW-532M2_SPR10  | 138                | 148                   | 04/19/2010   | SW6860      | Perchlorate                             | 8.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-532M2    | MW-532M2_SPR10D | 138                | 148                   | 04/19/2010   | SW6860      | Perchlorate                             | 7.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-532M1    | MW-532M1_SPR10  | 168                | 178                   | 04/19/2010   | SW6860      | Perchlorate                             | 3.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-431      | MW-431_SPR10    | 88                 | 188                   | 04/19/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-341M3    | MW-341M3_SPR10  | 210                | 220                   | 04/16/2010   | SW6860      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-341M3    | MW-341M3_SPR10D | 210                | 220                   | 04/16/2010   | SW6860      | Perchlorate                             | 2.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | MW-34M1_SPR10   | 151                | 161                   | 04/14/2010   | SW6860      | Perchlorate                             | 3.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-139M2    | MW-139M2_SPR10  | 154                | 164                   | 04/14/2010   | SW6860      | Perchlorate                             | 7.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-36M2     | MW-36M2_SPR10   | 131                | 141                   | 04/13/2010   | SW6860      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-36M2     | MW-36M2_SPR10D  | 131                | 141                   | 04/13/2010   | SW6860      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-36M1     | MW-36M1_SPR10   | 152                | 162                   | 04/13/2010   | SW6860      | Perchlorate                             | 5.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-36M1     | MW-36M1_SPR10D  | 152                | 162                   | 04/13/2010   | SW6860      | Perchlorate                             | 5.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | MW-77M2_SPR10   | 120                | 130                   | 04/08/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 29.8         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | MW-77M2_SPR10D  | 120                | 130                   | 04/08/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 29.5         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | MW-76M2_SPR10   | 105                | 115                   | 04/08/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.4         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | MW-76M2_SPR10D  | 105                | 115                   | 04/08/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | MW-76M1_SPR10   | 125                | 135                   | 04/08/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.2         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | MW-76M1_SPR10D  | 125                | 135                   | 04/08/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.5         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | MW-31S_SPR10    | 98                 | 113                   | 04/08/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | MW-31S_SPR10    | 98                 | 113                   | 04/08/2010   | SW8330      | 2,4,6-Trinitrotoluene                   | 2.1          |           | UG/L  | 2      |
| B RANGE             | MW-538M1    | MW-538M1_SPR10F | 107                | 117                   | 04/01/2010   | SW6010B     | Antimony                                | 10.8         | J         | UG/L  | 6      |
| B RANGE             | MW-538M1    | MW-538M1_SPR10  | 107                | 117                   | 04/01/2010   | SW6010B     | Lead                                    | 23.8         |           | UG/L  | 15     |
| J3 RANGE            | J3EWIP1     | J3EWIP1_SPR10   | 153                | 193                   | 03/24/2010   | SW6860      | Perchlorate                             | 6.4          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-335M1    | MW-335M1_SPR10  | 255                | 265                   | 03/09/2010   | SW6860      | Perchlorate                             | 18.2         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | MW-368M2_SPR10  | 203                | 213                   | 03/08/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | MW-368M2_SPR10  | 203                | 213                   | 03/08/2010   | SW6860      | Perchlorate                             | 50.6         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | MW-368M2_SPR10D | 203                | 213                   | 03/08/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.2         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | MW-368M2_SPR10D | 203                | 213                   | 03/08/2010   | SW6860      | Perchlorate                             | 50.6         |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J2 RANGE EAST       | MW-310M1    | MW-310M1_SPR10  | 171                | 181                   | 03/08/2010   | SW6860      | Perchlorate                             | 5.5          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-307M3    | MW-307M3_SPR10  | 126                | 136                   | 03/05/2010   | SW6860      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| J2 RANGE EAST       | J2MW-04M1   | J2MW-04M1_SPR10 | 257                | 267                   | 03/05/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.9          |           | UG/L  | 2      |
| J2 RANGE EAST       | J2MW-04M1   | J2MW-04M1_SPR10 | 257                | 267                   | 03/05/2010   | SW6860      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| L RANGE             | MW-242M1    | MW-242M1_SPR10  | 235                | 245                   | 02/25/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| L RANGE             | MW-242M1    | MW-242M1_SPR10D | 235                | 245                   | 02/25/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2    | MW-313M2_SPR10  | 215                | 225                   | 02/12/2010   | SW6860      | Perchlorate                             | 5.9          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0001    | J2EW0001_SPR10  | 179                | 234                   | 02/09/2010   | SW6860      | Perchlorate                             | 20.7         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0001    | J2EW0001_SPR10D | 179                | 234                   | 02/09/2010   | SW6860      | Perchlorate                             | 20.5         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0002    | J2EW0002_SPR10  | 198                | 233                   | 02/09/2010   | SW6860      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-524M1    | MW-524M1_0110R  | 148                | 158                   | 02/04/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-528M1    | MW-528M1_0110   | 117                | 127                   | 01/21/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-524M1    | MW-524M1_0110   | 148                | 158                   | 01/21/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-522M2    | MW-522M2_0110   | 165                | 175                   | 01/20/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | MW-89M2_FAL09   | 214                | 224                   | 01/04/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 17.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | MW-89M2_FAL09D  | 214                | 224                   | 01/04/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 16.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | MW-89M2_FAL09QA | 214                | 224                   | 01/04/2010   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 16.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | MW-87M1_FAL09   | 194                | 204                   | 01/04/2010   | SW6850      | Perchlorate                             | 4.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | MW-87M1_FAL09D  | 194                | 204                   | 01/04/2010   | SW6850      | Perchlorate                             | 4.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | MW-87M1_FAL09QA | 194                | 204                   | 01/04/2010   | SW6860      | Perchlorate                             | 5.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | MW-88M2_FAL09   | 213                | 223                   | 12/30/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | MW-88M2_FAL09   | 213                | 223                   | 12/30/2009   | SW6850      | Perchlorate                             | 3.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | MW-88M2_FAL09D  | 213                | 223                   | 12/30/2009   | SW6850      | Perchlorate                             | 3.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | MW-184M1_FAL09  | 186                | 196                   | 12/29/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | MW-235M1_FAL09  | 154                | 164                   | 12/28/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | MW-235M1_FAL09D | 154                | 164                   | 12/28/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | MW-91M1_FAL09   | 170                | 180                   | 12/22/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | MW-91M1_FAL09D  | 170                | 190                   | 12/22/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | MW-91M1_FAL09QA | 170                | 180                   | 12/22/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | MW-01M2_FAL09   | 160                | 165                   | 12/22/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-100M1    | MW-100M1_FAL09  | 179                | 189                   | 12/22/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | MW-113M2_FAL09  | 190                | 200                   | 12/16/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | MW-209M1_FAL09  | 240                | 250                   | 12/14/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-223M2    | MW-223M2_FAL09  | 185                | 195                   | 12/09/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | MW-178M1_FAL09  | 257                | 267                   | 12/08/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | MW-207M1_FAL09  | 254                | 264                   | 12/08/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | MW-207M1_FAL09D | 254                | 264                   | 12/08/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | MW-176M1_FAL09  | 270                | 280                   | 12/08/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | MW-176M1_FAL09D | 270                | 280                   | 12/08/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-274      | MW-274_FAL09    | 109                | 199                   | 12/02/2009   | SW6860      | Perchlorate                             | 10.9         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-432      | MW-432_FAL09    | 88                 | 188                   | 12/02/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-432      | MW-432_FAL09    | 88                 | 188                   | 12/02/2009   | SW6860      | Perchlorate                             | 2.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | MW-31S_FAL09    | 98                 | 103                   | 11/18/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | MW-31S_FAL09    | 98                 | 103                   | 11/18/2009   | SW8330      | 2,4,6-Trinitrotoluene                   | 2.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | MW-211M1_FAL09  | 200                | 210                   | 11/18/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.4         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | MW-211M1_FAL09  | 200                | 210                   | 11/18/2009   | SW6860      | Perchlorate                             | 98.4         |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID  | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|------------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| DEMOLITION AREA 1   | MW-211M1    | MW-211M1_FAL09D  | 200                | 210                   | 11/18/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.4         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | MW-211M1_FAL09D  | 200                | 210                   | 11/18/2009   | SW6860      | Perchlorate                             | 98.7         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-341M3    | MW-341M3_FAL09   | 210                | 220                   | 11/16/2009   | SW6860      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | MW-210M2_FAL09   | 156                | 166                   | 11/16/2009   | SW6860      | Perchlorate                             | 3.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | MW-76M2_FAL09    | 105                | 115                   | 11/16/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.6         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | MW-76M2_FAL09D   | 105                | 115                   | 11/16/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.7         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | MW-76M2_FAL09QA  | 105                | 115                   | 11/16/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M1    | MW-114M1_FAL09   | 177                | 187                   | 11/16/2009   | SW6860      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M1    | MW-114M1_FAL09D  | 177                | 187                   | 11/16/2009   | SW6860      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | MW-77M2_FAL09    | 120                | 130                   | 11/16/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 30.1         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | MW-19S_FAL09     | 38                 | 48                    | 11/16/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-441M2    | MW-441M2_FAL09   | 109.5              | 119.5                 | 11/12/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 15.0         |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-481M2    | MW-481M2_FAL09   | 148                | 158                   | 10/27/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.8          |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-481M2    | MW-481M2_FAL09D  | 148                | 158                   | 10/27/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-481M2    | MW-481M2_FAL09QA | 148                | 158                   | 10/27/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-369M1    | MW-369M1_FAL09   | 254                | 264                   | 10/26/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-346M2    | MW-346M2_FAL09   | 205                | 215                   | 10/22/2009   | SW6850      | Perchlorate                             | 42.5         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | MW-370M2_FAL09   | 216                | 226                   | 10/22/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | MW-370M2_FAL09   | 216                | 226                   | 10/22/2009   | SW6850      | Perchlorate                             | 35.5         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | MW-370M2_FAL09D  | 216                | 226                   | 10/22/2009   | SW6850      | Perchlorate                             | 36.8         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | MW-303M2_FAL09   | 235                | 245                   | 10/21/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | MW-303M2_FAL09   | 235                | 245                   | 10/21/2009   | SW6850      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | MW-303M2_FAL09D  | 235                | 245                   | 10/21/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | MW-303M2_FAL09D  | 235                | 245                   | 10/21/2009   | SW6850      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| J3 RANGE            | MW-250M2    | MW-250M2_FAL09   | 145                | 155                   | 10/08/2009   | E314.0      | Perchlorate                             | 5.0          |           | UG/L  | 2      |
| J3 RANGE            | MW-143M2    | MW-143M2_FAL09   | 117                | 122                   | 10/06/2009   | E314.0      | Perchlorate                             | 4.6          |           | UG/L  | 2      |
| J3 RANGE            | MW-143M3    | MW-143M3_FAL09   | 107                | 112                   | 10/06/2009   | E314.0      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-143M3    | MW-143M3_FAL09D  | 107                | 112                   | 10/06/2009   | E314.0      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | MW-198M4_FAL09   | 70                 | 75                    | 09/30/2009   | E314.0      | Perchlorate                             | 14.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | MW-198M4_FAL09D  | 70                 | 75                    | 09/30/2009   | E314.0      | Perchlorate                             | 13.7         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-432      | MW-432_PRES      | 88                 | 188                   | 09/30/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-432      | MW-432_PRES      | 88                 | 188                   | 09/30/2009   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | MW-198M3_FAL09   | 100                | 105                   | 09/30/2009   | E314.0      | Perchlorate                             | 7.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | MW-198M3_FAL09D  | 100                | 105                   | 09/30/2009   | E314.0      | Perchlorate                             | 6.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | MW-198M2_FAL09   | 120                | 125                   | 09/30/2009   | E314.0      | Perchlorate                             | 22.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | MW-198M2_FAL09D  | 120                | 125                   | 09/30/2009   | E314.0      | Perchlorate                             | 21.2         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | MW-198M2_FAL09QA | 120                | 130                   | 09/30/2009   | SW6850      | Perchlorate                             | 25.4         |           | UG/L  | 2      |
| J3 RANGE            | MW-193S     | MW-193S_FAL09    | 31                 | 36                    | 09/29/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| J3 RANGE            | MW-343M1    | MW-343M1_FAL09   | 215                | 225                   | 09/24/2009   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | MW-227M2_FAL09   | 110                | 120                   | 09/24/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 20.7         |           | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | MW-227M2_FAL09D  | 0                  | 0                     | 09/24/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 20.3         |           | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | MW-227M2_FAL09QA | 110                | 120                   | 09/24/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 19.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-142M2    | MW-142M2_FAL09   | 140                | 150                   | 09/23/2009   | E314.0      | Perchlorate                             | 5.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-142M2    | MW-142M2_FAL09D  | 140                | 150                   | 09/23/2009   | E314.0      | Perchlorate                             | 5.6          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-307M3    | MW-307M3_FAL09   | 126                | 136                   | 09/22/2009   | E314.0      | Perchlorate                             | 3.5          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-307M3    | MW-307M3_FAL09D  | 126                | 136                   | 09/22/2009   | E314.0      | Perchlorate                             | 4.0          |           | UG/L  | 2      |



**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID  | Field Sample ID     | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|--------------|---------------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J2 RANGE EAST       | MW-335M1     | MW-335M1_FAL09      | 255                | 265                   | 09/22/2009   | E314.0      | Perchlorate                             | 20.4         |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-335M1     | MW-335M1_FAL09D     | 255                | 265                   | 09/22/2009   | E314.0      | Perchlorate                             | 19.5         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2     | MW-368M2_FAL09      | 203                | 213                   | 09/22/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.2         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2     | MW-368M2_FAL09      | 203                | 213                   | 09/22/2009   | E314.0      | Perchlorate                             | 46.5         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2     | MW-368M2_FAL09D     | 203                | 213                   | 09/22/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.6         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2     | MW-368M2_FAL09D     | 203                | 213                   | 09/22/2009   | E314.0      | Perchlorate                             | 48.7         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2     | MW-368M2_FAL09QA    | 203                | 213                   | 09/22/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2     | MW-368M2_FAL09QA    | 203                | 213                   | 09/22/2009   | SW6850      | Perchlorate                             | 57.6         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M1     | MW-368M1_FAL09      | 237                | 247                   | 09/22/2009   | E314.0      | Perchlorate                             | 47.7         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M1     | MW-368M1_FAL09D     | 237                | 247                   | 09/22/2009   | E314.0      | Perchlorate                             | 47.2         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M1     | MW-368M1_FAL09QA    | 237                | 247                   | 09/22/2009   | SW6850      | Perchlorate                             | 48.5         |           | UG/L  | 2      |
| J3 RANGE            | MW-163S      | MW-163S_FAL09       | 38                 | 48                    | 09/21/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.4          |           | UG/L  | 2      |
| J3 RANGE            | MW-163S      | MW-163S_FAL09       | 38                 | 48                    | 09/21/2009   | E314.0      | Perchlorate                             | 3.7          |           | UG/L  | 2      |
| J3 RANGE            | MW-163S      | MW-163S_FAL09D      | 38                 | 48                    | 09/21/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.7          |           | UG/L  | 2      |
| J3 RANGE            | J3EWIP1      | J3EWIP1_FAL09       | 153                | 193                   | 09/21/2009   | E314.0      | Perchlorate                             | 5.3          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-310M1     | MW-310M1_FAL09      | 171                | 181                   | 09/14/2009   | E314.0      | Perchlorate                             | 5.7          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2     | MW-215M2_FAL09      | 205                | 215                   | 09/11/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2     | MW-215M2_FAL09      | 205                | 215                   | 09/11/2009   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2     | MW-215M2_FAL09D     | 205                | 215                   | 09/11/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| J2 RANGE EAST       | J2MW-01M2    | J2MW-01M2_FAL09     | 245                | 255                   | 09/10/2009   | E314.0      | Perchlorate                             | 24.3         |           | UG/L  | 2      |
| J2 RANGE EAST       | J2MW-04M1    | J2MW-04M1_FAL09     | 257                | 267                   | 09/10/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| J2 RANGE EAST       | J2MW-04M1    | J2MW-04M1_FAL09     | 257                | 267                   | 09/10/2009   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| GP-10               | MW-495       | MW-495_TR109D       | 82                 | 92                    | 08/28/2009   | SW6010B     | Arsenic                                 | 21.1         |           | UG/L  | 10     |
| J2 RANGE NORTH      | MW-289M2     | MW-289M2_FAL09      | 162                | 172                   | 08/17/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2     | MW-289M2_FAL09      | 162                | 172                   | 08/17/2009   | E314.0      | Perchlorate                             | 2.4          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2     | MW-289M2_FAL09D     | 162                | 172                   | 08/17/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1     | MW-234M1_FAL09      | 130                | 140                   | 08/14/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1     | MW-234M1_FAL09D     | 130                | 140                   | 08/14/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.8          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1     | MW-234M1_FAL09QA    | 130                | 140                   | 08/14/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW3-MW-2-C | J2EW3-MW-2-C_FAL09  | 251.2              | 261.2                 | 08/14/2009   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2     | MW-313M2_FAL09      | 215                | 225                   | 08/08/2009   | E314.0      | Perchlorate                             | 5.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2     | MW-313M2_FAL09D     | 215                | 225                   | 08/08/2009   | E314.0      | Perchlorate                             | 5.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2     | MW-313M2_FAL09QA    | 215                | 225                   | 08/08/2009   | SW6850      | Perchlorate                             | 6.7          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW2-MW3-B  | J2EW2-MW3-B_FAL09   | 211.7              | 221.7                 | 08/07/2009   | E314.0      | Perchlorate                             | 14.5         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW2-MW3-B  | J2EW2-MW3-B_FAL09D  | 211.7              | 221.7                 | 08/07/2009   | E314.0      | Perchlorate                             | 14.5         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW2-MW3-B  | J2EW2-MW3-B_FAL09QA | 211.7              | 221.7                 | 08/07/2009   | SW6850      | Perchlorate                             | 18.1         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW1-MW1-C  | J2EW1-MW1-C_FAL09   | 240.8              | 250.8                 | 08/04/2009   | E314.0      | Perchlorate                             | 13.9         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW1-MW1-C  | J2EW1-MW1-C_FAL09D  | 240.8              | 250.8                 | 08/04/2009   | E314.0      | Perchlorate                             | 13.6         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW1-MW1-B  | J2EW1-MW1-B_FAL09   | 205.8              | 215.8                 | 08/04/2009   | E314.0      | Perchlorate                             | 7.0          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW1-MW1-B  | J2EW1-MW1-B_FAL09D  | 205.8              | 215.8                 | 08/04/2009   | E314.0      | Perchlorate                             | 6.7          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0001     | J2EW0001_FAL09      | 179                | 189                   | 08/03/2009   | E314.0      | Perchlorate                             | 17.3         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0001     | J2EW0001_FAL09D     | 179                | 189                   | 08/03/2009   | E314.0      | Perchlorate                             | 17.7         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0001     | J2EW0001_FAL09QA    | 179                | 234                   | 08/03/2009   | SW6850      | Perchlorate                             | 19.2         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0002     | J2EW0002_FAL09      | 198                | 233                   | 08/03/2009   | E314.0      | Perchlorate                             | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-441M2     | MW-441M2            | 109.5              | 119.5                 | 07/13/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1     | MW-207M1_SPR09      | 254                | 264                   | 06/23/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.8          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-207M1    | MW-207M1_SPR09D | 254                | 264                   | 06/23/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | MW-178M1_SPR09  | 257                | 267                   | 06/23/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-107M2    | MW-107M2_SPR09  | 125                | 135                   | 06/23/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-223M2    | MW-223M2_SPR09  | 185                | 195                   | 06/18/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | MW-176M1_SPR09  | 270                | 280                   | 06/18/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | MW-209M1_SPR09  | 240                | 250                   | 06/18/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | MW-209M1_SPR09D | 240                | 250                   | 06/18/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | MW-91S_SPR09    | 124                | 134                   | 06/16/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | MW-91S_SPR09D   | 124                | 134                   | 06/16/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | MW-91M1_SPR09   | 170                | 180                   | 06/16/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | MW-91M1_SPR09D  | 170                | 180                   | 06/16/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | MW-235M1_SPR09  | 154                | 164                   | 06/16/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | MW-235M1_SPR09D | 154                | 164                   | 06/16/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | MW-113M2_SPR09  | 190                | 200                   | 06/10/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3     | MW-38M3_SPR09   | 170                | 180                   | 06/09/2009   | SW6850      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3     | MW-38M3_SPR09D  | 170                | 180                   | 06/09/2009   | SW6850      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | MW-95M1_SPR09   | 202                | 212                   | 06/09/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-432      | MW-432_0609     | 88                 | 188                   | 06/09/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-432      | MW-432_0609     | 88                 | 188                   | 06/09/2009   | E314.0      | Perchlorate                             | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | MW-88M2_SPR09   | 213                | 223                   | 06/09/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | MW-88M2_SPR09   | 213                | 223                   | 06/09/2009   | SW6850      | Perchlorate                             | 3.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | MW-88M2_SPR09D  | 213                | 223                   | 06/09/2009   | SW6850      | Perchlorate                             | 3.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-431      | MW-431_0609     | 88                 | 188                   | 06/09/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | MW-184M1_SPR09  | 186                | 196                   | 06/04/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | MW-184M1_SPR09D | 186                | 196                   | 06/04/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | MW-89M2_SPR09   | 214                | 224                   | 06/02/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 21.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | MW-89M2_SPR09   | 214                | 224                   | 06/02/2009   | SW6850      | Perchlorate                             | 9.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | MW-89M2_SPR09D  | 214                | 224                   | 06/02/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 20.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | MW-89M2_SPR09D  | 214                | 224                   | 06/02/2009   | SW6850      | Perchlorate                             | 9.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | MW-87M1_SPR09   | 194                | 204                   | 06/01/2009   | SW6850      | Perchlorate                             | 4.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | MW-87M1_SPR09D  | 194                | 204                   | 06/01/2009   | SW6850      | Perchlorate                             | 4.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01S      | MW-01S_SPR09    | 114                | 124                   | 06/01/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | MW-01M2_SPR09   | 160                | 165                   | 06/01/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-486M1    | MW-486M1_SPR09  | 185.7              | 195.7                 | 05/29/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-486M1    | MW-486M1_SPR09D | 185.7              | 195.7                 | 05/29/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-477M2    | MW-477M2_SPR09  | 146                | 156                   | 05/29/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | MW-370M2_SPR09  | 216                | 226                   | 05/28/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | MW-370M2_SPR09  | 216                | 226                   | 05/28/2009   | SW6850      | Perchlorate                             | 54.5         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | MW-370M2_SPR09D | 216                | 226                   | 05/28/2009   | SW6850      | Perchlorate                             | 52.8         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M3    | MW-303M3_SPR09  | 140                | 150                   | 05/27/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | MW-303M2_SPR09  | 235                | 245                   | 05/27/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | MW-303M2_SPR09  | 235                | 245                   | 05/27/2009   | SW6850      | Perchlorate                             | 3.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | MW-303M2_SPR09D | 235                | 245                   | 05/27/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-346M1    | MW-346M1_SPR09  | 245                | 255                   | 05/27/2009   | SW6850      | Perchlorate                             | 42.1         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-346M1    | MW-346M1_SPR09D | 245                | 255                   | 05/27/2009   | SW6850      | Perchlorate                             | 41.1         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-485M1    | MW-485M1_SPR09  | 125.3              | 135.3                 | 05/22/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.9          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-487M2    | MW-487M2_SPR09  | 195                | 205                   | 05/22/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-487M2    | MW-487M2_SPR09D | 195                | 205                   | 05/22/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-369M1    | MW-369M1_SPR09  | 254                | 264                   | 05/22/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-326M3    | MW-326M3_SPR09  | 165                | 175                   | 05/21/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-326M3    | MW-326M3_SPR09D | 165                | 175                   | 05/21/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-326M2    | MW-326M2_SPR09  | 196                | 206                   | 05/21/2009   | SW6850      | Perchlorate                             | 5.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-326M2    | MW-326M2_SPR09D | 196                | 206                   | 05/21/2009   | SW6850      | Perchlorate                             | 5.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-286M2    | MW-286M2_SPR09  | 205                | 215                   | 05/21/2009   | SW6850      | Perchlorate                             | 10.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | MW-265M2_SPR09  | 225                | 235                   | 05/20/2009   | SW6850      | Perchlorate                             | 18.1         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | MW-265M2_SPR09D | 225                | 235                   | 05/20/2009   | SW6850      | Perchlorate                             | 18.2         |           | UG/L  | 2      |
| J1 RANGE NORTH      | MW-166M1    | MW-166M1_SPR09  | 218                | 223                   | 05/18/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-481M2    | MW-481M2_SPR09  | 148                | 158                   | 05/13/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 20.0         |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-481M2    | MW-481M2_SPR09D | 148                | 158                   | 05/13/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 20.3         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | MW-211M1_SPR09  | 200                | 210                   | 05/08/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | MW-211M1_SPR09  | 200                | 210                   | 05/08/2009   | E314.0      | Perchlorate                             | 97.1         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | MW-211M1_SPR09D | 200                | 210                   | 05/08/2009   | E314.0      | Perchlorate                             | 99.2         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2    | MW-284M2_SPR09  | 45                 | 55                    | 05/05/2009   | SW6850      | Perchlorate                             | 6.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270M1    | MW-270M1_SPR09  | 74                 | 79                    | 05/04/2009   | SW6850      | Perchlorate                             | 3.4          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270M1    | MW-270M1_SPR09D | 74                 | 79                    | 05/04/2009   | SW6850      | Perchlorate                             | 3.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | MW-76M2_SPR09   | 105                | 115                   | 04/29/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 22.8         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | MW-76M1_SPR09   | 125                | 135                   | 04/29/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.6         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | MW-19S_SPR09    | 38                 | 48                    | 04/29/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.5          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-297M1    | MW-297M1_SPR09  | 92                 | 102                   | 04/22/2009   | SW6850      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-36M1     | MW-36M1_SPR09   | 152                | 162                   | 04/22/2009   | E314.0      | Perchlorate                             | 4.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-441M2    | MW-441M2_SPR09  | 109.5              | 119.5                 | 04/21/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | MW-77M2_SPR09   | 120                | 130                   | 04/21/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | MW-77M2_SPR09D  | 120                | 130                   | 04/21/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | MW-279M2_SPR09  | 83                 | 88                    | 04/21/2009   | SW6850      | Perchlorate                             | 11.9         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | MW-279M2_SPR09D | 83                 | 88                    | 04/21/2009   | SW6850      | Perchlorate                             | 12.3         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M1    | MW-114M1_SPR09  | 177                | 187                   | 04/21/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M1    | MW-114M1_SPR09  | 177                | 187                   | 04/21/2009   | E314.0      | Perchlorate                             | 4.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M1    | MW-114M1_SPR09D | 177                | 187                   | 04/21/2009   | E314.0      | Perchlorate                             | 5.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-323M2    | MW-323M2_SPR09  | 120                | 130                   | 04/21/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-323M2    | MW-323M2_SPR09D | 120                | 130                   | 04/21/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | MW-31S_SPR09    | 98                 | 103                   | 04/20/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | MW-31S_SPR09    | 98                 | 103                   | 04/20/2009   | SW8330      | 2,4,6-Trinitrotoluene                   | 2.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | MW-31M_SPR09    | 113                | 123                   | 04/20/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 20.5         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | MW-31M_SPR09D   | 113                | 123                   | 04/20/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 20.1         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-338S     | MW-338S_SPR09   | 72                 | 82                    | 04/20/2009   | SW8330      | 2,4,6-Trinitrotoluene                   | 2.3          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278S     | MW-278S_SPR09   | 80                 | 90                    | 04/20/2009   | SW6850      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | MW-278M2_SPR09  | 97                 | 102                   | 04/20/2009   | SW6850      | Perchlorate                             | 3.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M1    | MW-278M1_SPR09  | 113                | 123                   | 04/20/2009   | SW6850      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| SW RANGE            | MW-465S     | MW-465S_SPR09   | 136.3              | 146.3                 | 03/25/2009   | SW6010B     | Arsenic                                 | 23.6         |           | UG/L  | 10     |
| J3 RANGE            | J3EWIP1     | J3EWIP1_SPR09   | 153                | 193                   | 03/20/2009   | E314.0      | Perchlorate                             | 4.9          |           | UG/L  | 2      |
| DEMOLITION AREA 2   | MW-160S     | MW-160S_SPR09D  | 138                | 148                   | 03/18/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| J2 RANGE EAST       | J2MW-04M1   | J2MW-04M1_SPR09 | 257                | 267                   | 02/26/2009   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID  | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|--------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J2 RANGE EAST       | MW-307M3     | MW-307M3_SPR09  | 126                | 136                   | 02/25/2009   | E314.0      | Perchlorate                             | 6.3          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-310M1     | MW-310M1_SPR09  | 171                | 181                   | 02/24/2009   | E314.0      | Perchlorate                             | 7.9          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-335M1     | MW-335M1_SPR09  | 255                | 265                   | 02/24/2009   | E314.0      | Perchlorate                             | 48.6         |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-335M1     | MW-335M1_SPR09D | 255                | 265                   | 02/24/2009   | E314.0      | Perchlorate                             | 45.1         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2     | MW-368M2_SPR09  | 203                | 213                   | 02/23/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.8         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2     | MW-368M2_SPR09  | 203                | 213                   | 02/23/2009   | E314.0      | Perchlorate                             | 48.5         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2     | MW-368M2_SPR09D | 203                | 213                   | 02/23/2009   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2     | MW-368M2_SPR09D | 203                | 213                   | 02/23/2009   | E314.0      | Perchlorate                             | 48.9         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW3-MW-2-C | J2EW3-MW2C_0209 | 251.2              | 261.2                 | 02/13/2009   | SW6850      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2     | MW-313M2_SPR09  | 215                | 225                   | 02/12/2009   | E314.0      | Perchlorate                             | 7.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2     | MW-313M2_SPR09D | 215                | 225                   | 02/12/2009   | E314.0      | Perchlorate                             | 7.4          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0002     | J2EW0002_SPR09  | 198                | 233                   | 02/10/2009   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0001     | J2EW0001_SPR09  | 179                | 234                   | 02/10/2009   | E314.0      | Perchlorate                             | 17.5         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0001     | J2EW0001_SPR09D | 179                | 234                   | 02/10/2009   | E314.0      | Perchlorate                             | 17.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2     | MW-210M2_1208   | 156                | 166                   | 12/30/2008   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S       | MW-19S_1208     | 38                 | 48                    | 12/29/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.4          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1     | MW-211M1_1208   | 200                | 210                   | 12/23/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.2          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1     | MW-211M1_1208   | 200                | 210                   | 12/23/2008   | E314.0      | Perchlorate                             | 116          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1     | MW-211M1_1208D  | 200                | 210                   | 12/23/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1     | MW-211M1_1208D  | 200                | 210                   | 12/23/2008   | E314.0      | Perchlorate                             | 112          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2     | MW-129M2_1208   | 116                | 126                   | 12/23/2008   | E314.0      | Perchlorate                             | 12.9         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2     | MW-114M2_1208   | 120                | 130                   | 12/23/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2     | MW-114M2_1208   | 120                | 130                   | 12/23/2008   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2     | MW-114M2_1208D  | 120                | 130                   | 12/23/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2     | MW-114M2_1208D  | 120                | 130                   | 12/23/2008   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2      | MW-76M2_1208    | 105                | 115                   | 12/16/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 21.4         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2      | MW-77M2_1208    | 120                | 130                   | 12/16/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.9         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S       | MW-31S_1208     | 98                 | 103                   | 12/16/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.6         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S       | MW-31S_1208     | 98                 | 103                   | 12/16/2008   | SW8330      | 2,4,6-Trinitrotoluene                   | 2.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-432       | MW-432_1208     | 88                 | 188                   | 12/16/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-432       | MW-432_1208     | 88                 | 188                   | 12/16/2008   | E314.0      | Perchlorate                             | 6.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-431       | MW-431_1208     | 88                 | 188                   | 12/16/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-274       | MW-274_1208     | 109                | 199                   | 12/16/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-274       | MW-274_1208     | 109                | 199                   | 12/16/2008   | E314.0      | Perchlorate                             | 3.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1     | MW-178M1_F08    | 257                | 267                   | 12/11/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2      | MW-88M2_F08     | 213                | 223                   | 12/10/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2      | MW-88M2_F08     | 213                | 223                   | 12/10/2008   | E314.0      | Perchlorate                             | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1      | MW-95M1_F08     | 202                | 212                   | 12/10/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2      | MW-89M2_F08     | 214                | 224                   | 12/10/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 19.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2      | MW-89M2_F08D    | 214                | 224                   | 12/10/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 20.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1     | MW-207M1_F08    | 254                | 264                   | 12/09/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1      | MW-87M1_F08     | 194                | 204                   | 12/09/2008   | E314.0      | Perchlorate                             | 3.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1      | MW-87M1_F08D    | 194                | 204                   | 12/09/2008   | E314.0      | Perchlorate                             | 3.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1     | MW-176M1_F08    | 270                | 280                   | 12/09/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1     | MW-209M1_F08    | 240                | 250                   | 12/08/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-204M1     | MW-204M1_F08    | 141                | 151                   | 12/02/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID  | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|--------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-369M1     | MW-369M1_F08    | 254                | 264                   | 12/01/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-203M2     | MW-203M2_F08    | 176                | 186                   | 11/26/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1     | MW-184M1_F08    | 186                | 196                   | 11/18/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1     | MW-184M1_F08D   | 186                | 196                   | 11/18/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3      | MW-38M3_F08     | 170                | 180                   | 11/18/2008   | SW6850      | Perchlorate                             | 2.7          |           | UG/L  | 2      |
| GP-10               | MW-495       | MW-495          | 82                 | 92                    | 11/18/2008   | SW6010B     | Arsenic                                 | 14.1         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-370M2     | MW-370M2_F08    | 216                | 226                   | 11/14/2008   | SW6850      | Perchlorate                             | 78.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2     | MW-370M2_F08D   | 216                | 226                   | 11/14/2008   | SW6850      | Perchlorate                             | 76.9         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2      | MW-01M2_F08     | 160                | 165                   | 11/13/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1      | MW-91M1_F08     | 170                | 180                   | 11/13/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-2         | OW-2_F08        | 175                | 185                   | 11/13/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2     | MW-113M2_F08    | 190                | 200                   | 11/12/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2     | MW-113M2_F08D   | 190                | 200                   | 11/12/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-112M2     | MW-112M2_F08    | 165                | 175                   | 11/12/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1     | MW-235M1_F08    | 154                | 164                   | 11/12/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 16.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1     | MW-235M1_F08D   | 154                | 164                   | 11/12/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 17.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2     | MW-303M2_F08    | 235                | 245                   | 11/10/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2     | MW-303M2_F08    | 235                | 245                   | 11/10/2008   | SW6850      | Perchlorate                             | 3.7          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2     | MW-284M2_1108   | 45                 | 55                    | 11/07/2008   | SW6850      | Perchlorate                             | 6.5          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2     | MW-284M2_1108D  | 45                 | 55                    | 11/07/2008   | SW6850      | Perchlorate                             | 6.7          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S      | MW-279S_1108    | 66                 | 76                    | 11/05/2008   | SW6850      | Perchlorate                             | 6.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278S      | MW-278S_1108    | 80                 | 90                    | 11/05/2008   | SW6850      | Perchlorate                             | 4.4          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-307M3     | MW-307M3_F08    | 126                | 136                   | 11/04/2008   | SW6850      | Perchlorate                             | 4.2          |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2     | MW-368M2_F08    | 203                | 213                   | 11/03/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 16.0         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2     | MW-368M2_F08    | 203                | 213                   | 11/03/2008   | SW6850      | Perchlorate                             | 54.1         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2     | MW-368M2_F08D   | 203                | 213                   | 11/03/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 15.0         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2     | MW-368M2_F08D   | 203                | 213                   | 11/03/2008   | SW6850      | Perchlorate                             | 55.7         |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-310M1     | MW-310M1_F08    | 171                | 181                   | 10/31/2008   | E314.0      | Perchlorate                             | 13.9         |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-393M1     | MW-393M1_F08    | 268                | 278                   | 10/31/2008   | E314.0      | Perchlorate                             | 4.9          |           | UG/L  | 2      |
| DEMOLITION AREA 2   | MW-160S      | MW-160S_1008    | 138                | 148                   | 10/28/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-481M2     | MW-481M2_1008   | 148                | 158                   | 10/17/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.8         | J         | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-481M2     | MW-481M2_1008D  | 148                | 158                   | 10/17/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.9         | J         | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW1-MW1-B  | J2EW1-MW1-B_F08 | 205.82             | 215.82                | 10/07/2008   | E314.0      | Perchlorate                             | 6.2          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW1-MW1-C  | J2EW1-MW1-C_F08 | 240.82             | 250.82                | 10/07/2008   | E314.0      | Perchlorate                             | 8.2          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW2-MW3-B  | J2EW2-MW3-B_F08 | 211.65             | 221.65                | 10/06/2008   | E314.0      | Perchlorate                             | 19.7         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2     | MW-289M2_F08    | 162                | 172                   | 10/02/2008   | E314.0      | Perchlorate                             | 3.6          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2     | MW-289M2_F08D   | 162                | 172                   | 10/02/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2     | MW-289M2_F08D   | 162                | 172                   | 10/02/2008   | E314.0      | Perchlorate                             | 3.5          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW3-MW-2-B | J2EW3-MW2-B_F08 | 216.16             | 226.16                | 09/30/2008   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-293M2     | MW-293M2_F08    | 196.42             | 206.42                | 09/25/2008   | E314.0      | Perchlorate                             | 6.6          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-305M1     | MW-305M1_F08    | 203                | 213                   | 09/24/2008   | E314.0      | Perchlorate                             | 6.2          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1     | MW-234M1_F08    | 130                | 140                   | 09/22/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 15.5         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1     | MW-234M1_F08    | 130                | 140                   | 09/22/2008   | E314.0      | Perchlorate                             | 3.6          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1     | MW-234M1_F08D   | 130                | 140                   | 09/22/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 16.1         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1     | MW-234M1_F08D   | 130                | 140                   | 09/22/2008   | E314.0      | Perchlorate                             | 3.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2     | MW-313M2_F08    | 215                | 225                   | 09/12/2008   | E314.0      | Perchlorate                             | 8.5          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J2 RANGE NORTH      | MW-322M1    | MW-322M1_F08    | 245                | 255                   | 09/11/2008   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0001    | J2EW0001_F08    | 179                | 234                   | 09/10/2008   | E314.0      | Perchlorate                             | 16.7         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0001    | J2EW0001_F08D   | 179                | 234                   | 09/10/2008   | E314.0      | Perchlorate                             | 15.1         |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0002    | J2EW0002_F08    | 198                | 233                   | 09/10/2008   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-300M2    | MW-300M2_F08    | 197.23             | 207.23                | 09/09/2008   | E314.0      | Perchlorate                             | 3.5          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-300M2    | MW-300M2_F08D   | 197.23             | 207.23                | 09/09/2008   | E314.0      | Perchlorate                             | 3.3          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | MW-198M4_FAL08  | 70                 | 75                    | 08/20/2008   | E314.0      | Perchlorate                             | 53.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | MW-198M3_FAL08  | 100                | 105                   | 08/20/2008   | E314.0      | Perchlorate                             | 120          |           | UG/L  | 2      |
| J3 RANGE            | 90MW0022    | 90MW0022_FAL08  | 112                | 117                   | 08/19/2008   | E314.0      | Perchlorate                             | 11.1         |           | UG/L  | 2      |
| J3 RANGE            | 90MW0022    | 90MW0022_FAL08D | 112                | 117                   | 08/19/2008   | E314.0      | Perchlorate                             | 11.3         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | MW-198M2_FAL08  | 120                | 125                   | 08/19/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | MW-198M2_FAL08  | 120                | 125                   | 08/19/2008   | E314.0      | Perchlorate                             | 194          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | MW-198M2_FAL08D | 120                | 125                   | 08/19/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | MW-198M2_FAL08D | 120                | 125                   | 08/19/2008   | E314.0      | Perchlorate                             | 197          |           | UG/L  | 2      |
| J3 RANGE            | MW-143M3    | MW-143M3_FAL08  | 107                | 112                   | 08/13/2008   | E314.0      | Perchlorate                             | 15.7         |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | MW-163S_FAL08   | 38                 | 48                    | 08/11/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | MW-163S_FAL08   | 38                 | 48                    | 08/11/2008   | E314.0      | Perchlorate                             | 2.7          |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | MW-163S_FAL08D  | 38                 | 48                    | 08/11/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.8          |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | MW-163S_FAL08D  | 38                 | 48                    | 08/11/2008   | E314.0      | Perchlorate                             | 2.7          |           | UG/L  | 2      |
| J3 RANGE            | MW-142M2    | MW-142M2_FAL08  | 140                | 150                   | 08/08/2008   | E314.0      | Perchlorate                             | 12.5         |           | UG/L  | 2      |
| J3 RANGE            | MW-250M2    | MW-250M2_FAL08  | 145                | 155                   | 08/07/2008   | E314.0      | Perchlorate                             | 7.8          |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-481M2    | MW-481M2_0708   | 148                | 158                   | 07/31/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.2          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | MW-227M2_FAL08  | 110                | 120                   | 07/29/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 36.8         |           | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | MW-227M2_FAL08D | 110                | 120                   | 07/29/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 38.2         |           | UG/L  | 2      |
| J3 RANGE            | 90EW0001    | 90EW0001_FAL08  | 83.1               | 143.8                 | 07/23/2008   | E314.0      | Perchlorate                             | 4.4          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-487M2    | MW-487M2_0508   | 196                | 206                   | 06/30/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-477M2    | MW-477M2_0508   | 146                | 156                   | 06/26/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-486M1    | MW-486M1_0508   | 186                | 196                   | 06/26/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-486M1    | MW-486M1_0508D  | 186                | 196                   | 06/26/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-485M1    | MW-485M1_0508   | 125                | 135                   | 06/26/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.0          |           | UG/L  | 2      |
| J1 RANGE NORTH      | MW-166M1    | MW-166M1_0508   | 218                | 223                   | 06/20/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-326M3    | MW-326M3_0508   | 165                | 175                   | 06/18/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-346M1    | MW-346M1_0508   | 245                | 255                   | 06/18/2008   | E314.0      | Perchlorate                             | 37.7         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-326M2    | MW-326M2_0508   | 196                | 206                   | 06/16/2008   | E314.0      | Perchlorate                             | 8.3          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | MW-265M2_0508   | 225                | 235                   | 06/16/2008   | E314.0      | Perchlorate                             | 25.5         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | MW-265M2_0508D  | 225                | 235                   | 06/16/2008   | E314.0      | Perchlorate                             | 25.2         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | MW-176M1_SPR08  | 270                | 280                   | 06/11/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | MW-207M1_SPR08  | 254                | 264                   | 06/11/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-369M1    | MW-369M1_0508   | 254                | 264                   | 06/09/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | MW-91S_SPR08    | 124                | 134                   | 06/06/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | MW-91S_SPR08D   | 124                | 134                   | 06/06/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | MW-91M1_SPR08   | 170                | 180                   | 06/06/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M3    | MW-303M3_0508   | 140                | 150                   | 06/05/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | MW-303M2_0508   | 235                | 245                   | 06/04/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | MW-303M2_0508   | 235                | 245                   | 06/04/2008   | SW6850      | Perchlorate                             | 3.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | MW-303M2_0508D  | 235                | 245                   | 06/04/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-303M2    | MW-303M2_0508D  | 235                | 245                   | 06/04/2008   | SW6850      | Perchlorate                             | 3.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | MW-23M1_SPR08   | 225                | 235                   | 06/03/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | MW-209M1_SPR08  | 240                | 250                   | 06/03/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | MW-89M2_SPR08   | 214                | 224                   | 06/03/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 19.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | MW-89M2_SPR08   | 214                | 224                   | 06/03/2008   | SW6850      | Perchlorate                             | 6.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | MW-89M2_SPR08D  | 214                | 224                   | 06/03/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 19.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | MW-89M2_SPR08D  | 214                | 224                   | 06/03/2008   | SW6850      | Perchlorate                             | 6.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | MW-01M2_SPR08   | 160                | 165                   | 06/03/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | MW-95M1_SPR08   | 202                | 212                   | 06/02/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | MW-88M2_SPR08   | 213                | 223                   | 06/02/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | MW-88M2_SPR08   | 213                | 223                   | 06/02/2008   | SW6850      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | MW-184M1_SPR08  | 186                | 196                   | 05/30/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | MW-184M1_SPR08D | 186                | 196                   | 05/30/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-2        | OW-2_SPR08      | 175                | 185                   | 05/30/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | MW-87M1_SPR08   | 194                | 204                   | 05/29/2008   | SW6850      | Perchlorate                             | 3.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | MW-87M1_SPR08D  | 194                | 204                   | 05/29/2008   | SW6850      | Perchlorate                             | 3.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | MW-113M2_SPR08  | 190                | 200                   | 05/27/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | MW-113M2_SPR08D | 190                | 200                   | 05/27/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-112M2    | MW-112M2_SPR08  | 165                | 175                   | 05/27/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-107M2    | MW-107M2_SPR08  | 125                | 135                   | 05/23/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-107M2    | MW-107M2_SPR08D | 125                | 135                   | 05/23/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-101M1    | MW-101M1_SPR08  | 153                | 158                   | 05/22/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-43M2     | MW-43M2_SPR08   | 200                | 210                   | 05/21/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | MW-235M1_SPR08  | 154                | 164                   | 05/21/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 22.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | MW-235M1_SPR08D | 154                | 164                   | 05/21/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 22.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3     | MW-38M3_SPR08   | 170                | 180                   | 05/20/2008   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-204M2    | MW-204M2_SPR08  | 76                 | 86                    | 05/19/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-204M1    | MW-204M1_SPR08  | 141                | 151                   | 05/19/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-297M1    | MW-297M1_0508   | 92                 | 102                   | 05/13/2008   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2    | MW-284M2_0508   | 45                 | 55                    | 05/13/2008   | E314.0      | Perchlorate                             | 5.9          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2    | MW-284M2_0508D  | 45                 | 55                    | 05/13/2008   | E314.0      | Perchlorate                             | 5.9          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-283M1    | MW-283M1_0508   | 38                 | 48                    | 05/12/2008   | E314.0      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270S     | MW-270M2_0508   | 22                 | 32                    | 05/12/2008   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270M1    | MW-270M1_0508   | 74                 | 79                    | 05/12/2008   | E314.0      | Perchlorate                             | 5.9          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270M1    | MW-270M1_0508D  | 74                 | 79                    | 05/12/2008   | E314.0      | Perchlorate                             | 5.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | MW-370M2_0508   | 216                | 226                   | 05/12/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | MW-370M2_0508   | 216                | 226                   | 05/12/2008   | E314.0      | Perchlorate                             | 47.1         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | MW-370M2_0508D  | 216                | 226                   | 05/12/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | MW-370M2_0508D  | 216                | 226                   | 05/12/2008   | E314.0      | Perchlorate                             | 48.4         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278S     | MW-278S_0508    | 80                 | 90                    | 05/08/2008   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | MW-278M2_0508   | 97                 | 102                   | 05/08/2008   | E314.0      | Perchlorate                             | 4.3          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | MW-279S_0508D   | 66                 | 76                    | 05/08/2008   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | MW-279M2_0508   | 83                 | 88                    | 05/08/2008   | E314.0      | Perchlorate                             | 13.4         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-323M2    | MW-323M2_0508   | 120                | 130                   | 05/07/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.6          |           | UG/L  | 2      |
| FORMER K RANGE      | MW-339M1    | MW-339M1_0408   | 233                | 243                   | 05/01/2008   | E314.0      | Perchlorate                             | 3.4          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2    | MW-215M2_0408   | 205                | 215                   | 04/29/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site              | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|-------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J2 RANGE EAST     | MW-335M1    | MW-335M1_0408   | 255                | 265                   | 04/28/2008   | E314.0      | Perchlorate                             | 18.3         |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-77M2     | 01981           | 120                | 130                   | 04/25/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 37.4         |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-77M2     | 01981           | 120                | 130                   | 04/25/2008   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-31M      | 01956           | 113                | 123                   | 04/24/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 21.2         |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-31S      | 01957           | 98                 | 103                   | 04/24/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.7         |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-31S      | 01957           | 98                 | 103                   | 04/24/2008   | SW8330      | 2,4,6-Trinitrotoluene                   | 2.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-73S      | 01971           | 38.5               | 48.5                  | 04/24/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-73S      | 01972           | 38.5               | 48.5                  | 04/24/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-19S      | 01953           | 38                 | 48                    | 04/24/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-76S      | 01979           | 85                 | 95                    | 04/24/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-76M2     | 01978           | 105                | 115                   | 04/24/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 22.9         |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-431      | 02020           | 88                 | 188                   | 04/23/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-432      | 02021           | 88                 | 188                   | 04/23/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-432      | 02021           | 88                 | 188                   | 04/23/2008   | E314.0      | Perchlorate                             | 11.7         |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-433      | 02022           | 148                | 228                   | 04/23/2008   | E314.0      | Perchlorate                             | 4.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-274      | 02023           | 109                | 199                   | 04/23/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-274      | 02023           | 109                | 199                   | 04/23/2008   | E314.0      | Perchlorate                             | 5.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-36M2     | 01970           | 131                | 141                   | 04/23/2008   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-129M2    | 01940           | 116                | 126                   | 04/22/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 61.1         |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-129M2    | 01940           | 116                | 126                   | 04/22/2008   | E314.0      | Perchlorate                             | 13.9         |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-129M1    | 01939           | 136                | 146                   | 04/22/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 16.8         |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-129M1    | 01939           | 136                | 146                   | 04/22/2008   | E314.0      | Perchlorate                             | 21.2         |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-210M2    | 01987           | 156                | 166                   | 04/21/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-210M2    | 01987           | 156                | 166                   | 04/21/2008   | E314.0      | Perchlorate                             | 4.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-34M2     | 01966           | 131                | 141                   | 04/21/2008   | E314.0      | Perchlorate                             | 3.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-165M2    | 01948           | 124.5              | 134.5                 | 04/18/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.6         |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-165M2    | 01948           | 124.5              | 134.5                 | 04/18/2008   | E314.0      | Perchlorate                             | 5.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-210M1    | 01986           | 201                | 211                   | 04/17/2008   | E314.0      | Perchlorate                             | 8.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-211M1    | 01989           | 200                | 210                   | 04/17/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-211M1    | 01989           | 200                | 210                   | 04/17/2008   | E314.0      | Perchlorate                             | 149          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-225M3    | 01997           | 125                | 135                   | 04/14/2008   | E314.0      | Perchlorate                             | 2.4          |           | UG/L  | 2      |
| FORMER K RANGE    | MW-368M2    | MW-368M2_0408   | 203                | 213                   | 04/14/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| FORMER K RANGE    | MW-368M2    | MW-368M2_0408   | 203                | 213                   | 04/14/2008   | E314.0      | Perchlorate                             | 68.6         |           | UG/L  | 2      |
| FORMER K RANGE    | MW-368M2    | MW-368M2_0408D  | 203                | 213                   | 04/14/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 15.0         |           | UG/L  | 2      |
| FORMER K RANGE    | MW-368M2    | MW-368M2_0408D  | 203                | 213                   | 04/14/2008   | E314.0      | Perchlorate                             | 67.9         |           | UG/L  | 2      |
| FORMER K RANGE    | MW-368M1    | MW-368M1_0408   | 237                | 247                   | 04/14/2008   | E314.0      | Perchlorate                             | 70.8         |           | UG/L  | 2      |
| J2 RANGE EAST     | MW-307M3    | MW-307M3_0408   | 126                | 136                   | 04/14/2008   | E314.0      | Perchlorate                             | 19.4         |           | UG/L  | 2      |
| J2 RANGE EAST     | MW-307M3    | MW-307M3_0408D  | 126                | 136                   | 04/14/2008   | E314.0      | Perchlorate                             | 18.9         |           | UG/L  | 2      |
| J2 RANGE EAST     | MW-310M1    | MW-310M1_0408   | 171                | 181                   | 04/11/2008   | E314.0      | Perchlorate                             | 17.4         |           | UG/L  | 2      |
| J2 RANGE EAST     | MW-393M1    | MW-393M1_0408   | 268                | 278                   | 04/10/2008   | E314.0      | Perchlorate                             | 4.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-139M2    | 01943           | 154                | 164                   | 04/08/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-139M2    | 01943           | 154                | 164                   | 04/08/2008   | E314.0      | Perchlorate                             | 10.9         |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-114M2    | 01938           | 120                | 130                   | 04/08/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 33.7         |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-114M2    | 01938           | 120                | 130                   | 04/08/2008   | E314.0      | Perchlorate                             | 13.3         |           | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-114M1    | 01937           | 177                | 187                   | 04/08/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.6         | J         | UG/L  | 2      |
| DEMOLITION AREA 1 | MW-114M1    | 01937           | 177                | 187                   | 04/08/2008   | E314.0      | Perchlorate                             | 9.2          |           | UG/L  | 2      |



**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J1 RANGE SOUTHEAST  | MW-481M2    | MW-481M2_0408   | 148                | 158                   | 04/04/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.9          |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-481M2    | MW-481M2_0408D  | 148                | 158                   | 04/04/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.1          |           | UG/L  | 2      |
| WESTERN BOUNDARY    | MW-233M3    | MW-233M3_0308D  | 231                | 241                   | 03/28/2008   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| L RANGE             | MW-153M1    | MW-153M1_0308   | 199                | 209                   | 03/14/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| L RANGE             | MW-153M1    | MW-153M1_0308D  | 199                | 209                   | 03/14/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2    | MW-313M2_3S     | 215                | 225                   | 03/07/2008   | E314.0      | Perchlorate                             | 3.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2    | MW-313M2_3SD    | 215                | 225                   | 03/07/2008   | E314.0      | Perchlorate                             | 3.4          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-322M1    | MW-322M1_3S     | 245                | 255                   | 03/06/2008   | E314.0      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-322M1    | MW-322M1_3SD    | 245                | 255                   | 03/06/2008   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0002    | J2EW0002_3S     | 198                | 233                   | 03/05/2008   | E314.0      | Perchlorate                             | 4.3          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0001    | J2EW0001_3S     | 179                | 234                   | 03/05/2008   | E314.0      | Perchlorate                             | 13.6         |           | UG/L  | 2      |
| J3 RANGE            | MW-295M1    | MW-295M1_3S     | 145                | 155                   | 02/27/2008   | E314.0      | Perchlorate                             | 2.4          | J         | UG/L  | 2      |
| J3 RANGE            | J3EWIP1     | J3EWIP1_3S      | 153                | 193                   | 02/20/2008   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | MW-165M2        | 124.5              | 134.5                 | 02/01/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 26.9         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | MW-165M2        | 124.5              | 134.5                 | 02/01/2008   | E314.0      | Perchlorate                             | 6.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | MW-210M2        | 156                | 166                   | 01/31/2008   | E314.0      | Perchlorate                             | 3.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | MW-129M2        | 116                | 126                   | 01/31/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 68.6         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | MW-114M2        | 120                | 130                   | 01/31/2008   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 102          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-487M2    | MW-487M2-       | 0                  | 0                     | 12/13/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-485M1    | MW-485M1-       | 0                  | 0                     | 12/11/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-486M1    | MW-486M1-       | 0                  | 0                     | 12/11/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | 01927           | 105                | 115                   | 12/07/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-73S      | 01926           | 38.5               | 48.5                  | 12/07/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | 01923           | 38                 | 48                    | 12/07/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 16.4         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | 01924           | 113                | 123                   | 12/07/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.6         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 01925           | 98                 | 103                   | 12/07/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 28.2         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 01925           | 98                 | 103                   | 12/07/2007   | SW8330      | 2,4,6-Trinitrotoluene                   | 2.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | 01928           | 120                | 130                   | 12/06/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 54.8         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | 01928           | 120                | 130                   | 12/06/2007   | E314.0      | Perchlorate                             | 3.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | 01920           | 116                | 126                   | 12/06/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 71.9         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | 01920           | 116                | 126                   | 12/06/2007   | E314.0      | Perchlorate                             | 35.1         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | 01918           | 120                | 130                   | 12/06/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 112          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | 01919           | 120                | 130                   | 12/06/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 195          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | 01919           | 120                | 130                   | 12/06/2007   | E314.0      | Perchlorate                             | 38.6         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-139M2    | 01921           | 154                | 164                   | 12/06/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 01922           | 124.5              | 134.5                 | 12/06/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 171          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 01922           | 124.5              | 134.5                 | 12/06/2007   | E314.0      | Perchlorate                             | 26.2         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | MW-01M2         | 0                  | 0                     | 12/06/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | 01930           | 200                | 210                   | 12/05/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | 01930           | 200                | 210                   | 12/05/2007   | E314.0      | Perchlorate                             | 138          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-225M3    | 01934           | 125                | 135                   | 12/05/2007   | E314.0      | Perchlorate                             | 13.5         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-225M3    | 01935           | 125                | 135                   | 12/05/2007   | E314.0      | Perchlorate                             | 13.8         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-223M2    | MW-223M2        | 0                  | 0                     | 12/05/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-2        | OW-2            | 0                  | 0                     | 11/30/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3     | MW-38M3         | 0                  | 0                     | 11/29/2007   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-25       | MW-25S          | 0                  | 0                     | 11/28/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID  | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|--------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-235M1     | MW-235M1        | 0                  | 0                     | 11/26/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 23.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1     | MW-184M1        | 0                  | 0                     | 11/26/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1      | MW-91M1         | 0                  | 0                     | 11/19/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-204M1     | MW-204M1        | 0                  | 0                     | 11/16/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1     | MW-207M1        | 0                  | 0                     | 11/09/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1     | MW-176M1        | 0                  | 0                     | 11/07/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1     | MW-176M1_FD     | 0                  | 0                     | 11/07/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.2          |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-481M2     | MW-481M2-       | 146.28             | 156.28                | 10/26/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-481M2     | MW-481M2-FD     | 146.28             | 156.28                | 10/26/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-201M2     | MW-201M2        | 286                | 296                   | 10/25/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1      | MW-23M1         | 225                | 235                   | 10/25/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M2     | MW-209M2        | 220                | 230                   | 10/25/2007   | E314.0      | Perchlorate                             | 2.2          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1     | MW-209M1        | 240                | 250                   | 10/25/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1      | MW-95M1         | 202                | 212                   | 10/23/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2      | MW-89M2         | 214                | 224                   | 10/23/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 18.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2      | MW-89M2         | 214                | 224                   | 10/23/2007   | E314.0      | Perchlorate                             | 5.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1      | MW-87M1         | 194                | 204                   | 10/23/2007   | E314.0      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-43M2      | MW-43M2         | 200                | 210                   | 10/23/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2      | MW-88M2         | 213                | 223                   | 10/19/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2      | MW-88M2         | 213                | 223                   | 10/19/2007   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2      | MW-88M2_FD      | 213                | 223                   | 10/19/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2      | MW-88M2_FD      | 213                | 223                   | 10/19/2007   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-203M2     | MW-203M2        | 176                | 186                   | 10/18/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2     | MW-113M2        | 190                | 200                   | 10/17/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.9          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW1-MW1-B  | 01760           | 205.82             | 215.82                | 10/17/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW1-MW1-B  | 01760           | 205.82             | 215.82                | 10/17/2007   | E314.0      | Perchlorate                             | 140          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW2-MW2-B  | 01765           | 209.79             | 219.79                | 10/16/2007   | E314.0      | Perchlorate                             | 13.6         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-283M1     | MW-283M1-       | 38                 | 48                    | 10/16/2007   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW2-MW3-B  | 01768           | 211.65             | 221.65                | 10/12/2007   | E314.0      | Perchlorate                             | 9.5          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW3-MW-2-B | 01771           | 216.16             | 226.16                | 10/12/2007   | E314.0      | Perchlorate                             | 4.9          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2     | 01840           | 162                | 172                   | 10/11/2007   | E314.0      | Perchlorate                             | 3.7          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2     | MW-284M2-       | 45                 | 55                    | 10/11/2007   | E314.0      | Perchlorate                             | 5.5          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2     | MW-284M2-FD     | 45                 | 55                    | 10/11/2007   | E314.0      | Perchlorate                             | 5.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S      | MW-279S-        | 66.1               | 76.1                  | 10/11/2007   | E314.0      | Perchlorate                             | 13.0         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-300M2     | 01851           | 197                | 207                   | 10/10/2007   | E314.0      | Perchlorate                             | 60.8         | J         | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278S      | MW-278S-        | 80.17              | 90.17                 | 10/08/2007   | E314.0      | Perchlorate                             | 5.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2     | 01857           | 215                | 225                   | 10/05/2007   | E314.0      | Perchlorate                             | 5.7          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2     | MW-303M2-       | 235.09             | 245.1                 | 10/05/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2     | MW-303M2-       | 235.09             | 245.1                 | 10/05/2007   | E314.0      | Perchlorate                             | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2     | MW-303M2-FD     | 235.09             | 245.1                 | 10/05/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2     | MW-303M2-FD     | 235.09             | 245.1                 | 10/05/2007   | E314.0      | Perchlorate                             | 3.6          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0002     | 01757           | 198                | 233                   | 10/03/2007   | E314.0      | Perchlorate                             | 4.6          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW0001     | 01756           | 179                | 234                   | 10/03/2007   | E314.0      | Perchlorate                             | 15.1         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1     | 01820           | 130                | 140                   | 10/02/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1     | 01820           | 130                | 140                   | 10/02/2007   | E314.0      | Perchlorate                             | 2.8          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-369M1     | MW-369M1-       | 254.07             | 264.07                | 10/02/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-293M2    | 01844           | 196                | 206                   | 10/01/2007   | E314.0      | Perchlorate                             | 8.4          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | MW-370M2-       | 215.54             | 225.54                | 10/01/2007   | E314.0      | Perchlorate                             | 38.0         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-305M1    | 01855           | 203                | 213                   | 09/27/2007   | E314.0      | Perchlorate                             | 10.7         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | MW-368M2-       | 202.73             | 212.73                | 09/26/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | MW-368M2-       | 202.73             | 212.73                | 09/26/2007   | E314.0      | Perchlorate                             | 58.0         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | MW-368M2-FD     | 202.73             | 212.73                | 09/26/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | MW-368M2-FD     | 202.73             | 212.73                | 09/26/2007   | E314.0      | Perchlorate                             | 57.0         |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-307M3    | MW-307M3-       | 125.8              | 135.82                | 09/26/2007   | E314.0      | Perchlorate                             | 25.0         |           | UG/L  | 2      |
| J3 RANGE            | 90MW0022    | 01750           | 112                | 117                   | 09/25/2007   | E314.0      | Perchlorate                             | 6.2          |           | UG/L  | 2      |
| J3 RANGE            | 90MW0022    | 90MW0022-QA     | 112                | 117                   | 09/25/2007   | E314.0      | Perchlorate                             | 7.3          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | 01801           | 70                 | 75                    | 09/25/2007   | E314.0      | Perchlorate                             | 62.1         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | MW-198M4-QA     | 70                 | 75                    | 09/25/2007   | E314.0      | Perchlorate                             | 66.0         |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-310M1    | MW-310M1-       | 171.4              | 181.41                | 09/25/2007   | E314.0      | Perchlorate                             | 13.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | 01800           | 100                | 105                   | 09/25/2007   | E314.0      | Perchlorate                             | 58.8         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | MW-198M3-QA     | 100                | 105                   | 09/25/2007   | E314.0      | Perchlorate                             | 62.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | 01799           | 120                | 125                   | 09/25/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.2         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | 01799           | 120                | 125                   | 09/25/2007   | E314.0      | Perchlorate                             | 299          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-393M1    | MW-393M1-       | 268.02             | 278.02                | 09/21/2007   | E314.0      | Perchlorate                             | 3.7          |           | UG/L  | 2      |
| J3 RANGE            | J3EWIP1     | 01774           | 153                | 193                   | 09/20/2007   | E314.0      | Perchlorate                             | 2.7          |           | UG/L  | 2      |
| J3 RANGE            | 90PZ0211    | 01755           | 83                 | 103                   | 09/19/2007   | E314.0      | Perchlorate                             | 2.7          |           | UG/L  | 2      |
| J3 RANGE            | MW-343M1    | 01877           | 215                | 225                   | 09/14/2007   | E314.0      | Perchlorate                             | 5.4          | J         | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | 01810           | 110                | 120                   | 09/13/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 37.6         | J         | UG/L  | 2      |
| J3 RANGE            | MW-250M2    | 01833           | 145                | 155                   | 09/11/2007   | E314.0      | Perchlorate                             | 4.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-477M2    | MW-477M2-       | 145.62             | 155.62                | 09/10/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-477M2    | MW-477M2-FD     | 145.62             | 155.62                | 09/10/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| J3 RANGE            | MW-295M1    | 01846           | 145                | 155                   | 09/07/2007   | E314.0      | Perchlorate                             | 2.6          | J         | UG/L  | 2      |
| J3 RANGE            | MW-243M1    | 01824           | 114.5              | 124.5                 | 09/07/2007   | E314.0      | Perchlorate                             | 2.8          | J         | UG/L  | 2      |
| J3 RANGE            | MW-143M3    | 01780           | 107                | 112                   | 09/05/2007   | E314.0      | Perchlorate                             | 8.2          | J         | UG/L  | 2      |
| J3 RANGE            | MW-143M2    | 01779           | 117                | 122                   | 09/05/2007   | E314.0      | Perchlorate                             | 5.9          | J         | UG/L  | 2      |
| J3 RANGE            | MW-142M2    | 01777           | 140                | 150                   | 09/05/2007   | E314.0      | Perchlorate                             | 37.3         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-486M1    | MW-486M1-FD     | 185                | 195                   | 08/14/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.9          |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-398M2    | MW-398M2-       | 131.53             | 141.53                | 08/09/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 26.0         |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-398M2    | MW-398M2-FD     | 131.53             | 141.53                | 08/09/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 26.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-101M1    | MW-101M1        | 158                | 168                   | 06/12/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-107M2    | MW-107M2        | 125                | 135                   | 05/31/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | MW-178M1        | 257                | 267                   | 05/16/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M4     | MW-38M4         | 132                | 142                   | 05/11/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0011D   | 58MW0011D       | 175.4              | 180.4                 | 05/11/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-90S      | MW-90S          | 118                | 128                   | 05/10/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | MW-91S          | 124                | 134                   | 05/10/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | MW-91SFD        | 124                | 134                   | 05/10/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-477M1    | MW-477M1-       | 187.53             | 197.53                | 05/10/2007   | E314.0      | Perchlorate                             | 17.4         | U         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-112M2    | MW-112M2        | 165                | 175                   | 05/04/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | MW-113M2_FD     | 190                | 200                   | 05/04/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-73S      | 01651           | 38.5               | 48.5                  | 04/30/2007   | SW6010B     | Antimony                                | 21.3         | J         | UG/L  | 6      |
| DEMOLITION AREA 1   | MW-73S      | 01651           | 38.5               | 48.5                  | 04/30/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| DEMOLITION AREA 1   | MW-73S      | 01712           | 38.5               | 48.5                  | 04/30/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | 01629           | 38                 | 48                    | 04/30/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 24.7         |           | UG/L  | 2      |
| L RANGE             | MW-153M1    | MW-153M1-       | 199                | 209                   | 04/30/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-255M2    | 01634           | 170                | 180                   | 04/29/2007   | E314.0      | Perchlorate                             | 2.8          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 01638           | 98                 | 103                   | 04/26/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 01638           | 98                 | 103                   | 04/26/2007   | SW8330      | 2,4,6-Trinitrotoluene                   | 2.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | 01637           | 113                | 123                   | 04/26/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 25.9         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270S     | MW-270S-        | 22                 | 32                    | 04/26/2007   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270M1    | MW-270M1-       | 74                 | 79                    | 04/26/2007   | E314.0      | Perchlorate                             | 9.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | 01646           | 131                | 141                   | 04/25/2007   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-297M1    | MW-297M1-       | 92                 | 102                   | 04/25/2007   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-309M1    | MW-309M1-FD     | 65                 | 75                    | 04/25/2007   | E314.0      | Perchlorate                             | 2.5          | J         | UG/L  | 2      |
| NORTHWEST CORNER    | MW-344S     | MW-344S-FD      | 115.5              | 125.5                 | 04/24/2007   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | MW-279M2-       | 83.1               | 88.1                  | 04/24/2007   | E314.0      | Perchlorate                             | 12.0         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M1    | MW-279M1-       | 96.1               | 106.1                 | 04/24/2007   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | 01662           | 120                | 130                   | 04/23/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 37.4         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | 01662           | 120                | 130                   | 04/23/2007   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-323M2    | MW-323M2-       | 120                | 130                   | 04/23/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.9          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-323M2    | MW-323M2-FD     | 120                | 130                   | 04/23/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | 01660           | 85                 | 95                    | 04/23/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | 01660           | 85                 | 95                    | 04/23/2007   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | MW-278M2-       | 97.12              | 102.12                | 04/23/2007   | E314.0      | Perchlorate                             | 6.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | 01659           | 105                | 115                   | 04/23/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 22.6         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | 01658           | 125                | 135                   | 04/20/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.9          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | MW-277S-        | 102                | 112                   | 04/20/2007   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | 01613           | 120                | 130                   | 04/19/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 86.5         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | 01613           | 120                | 130                   | 04/19/2007   | E314.0      | Perchlorate                             | 92.7         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M1    | 01612           | 177                | 187                   | 04/19/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M1    | 01612           | 177                | 187                   | 04/19/2007   | E314.0      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-164M2    | MW-164M2-       | 157                | 167                   | 04/19/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-306M1    | MW-306M1-       | 184.88             | 194.88                | 04/19/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | 01615           | 116                | 126                   | 04/19/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | 01615           | 116                | 126                   | 04/19/2007   | E314.0      | Perchlorate                             | 15.5         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M1    | 01614           | 136                | 146                   | 04/18/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.8          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M1    | 01614           | 136                | 146                   | 04/18/2007   | E314.0      | Perchlorate                             | 28.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-139M1    | 01617           | 194                | 204                   | 04/18/2007   | E314.0      | Perchlorate                             | 2.6          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-139M2    | 01618           | 154                | 164                   | 04/18/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-326M3    | MW-326M3-       | 165.24             | 175.26                | 04/18/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-326M2    | MW-326M2-       | 196.27             | 206.28                | 04/18/2007   | E314.0      | Perchlorate                             | 10.1         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-487M2    | MW-487M2-FD     | 195                | 205                   | 04/18/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | 01677           | 156                | 166                   | 04/17/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 53.4         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | 01677           | 156                | 166                   | 04/17/2007   | E314.0      | Perchlorate                             | 243          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M1    | 01676           | 201                | 211                   | 04/17/2007   | E314.0      | Perchlorate                             | 7.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-346M1    | MW-346M1-       | 244.69             | 254.69                | 04/17/2007   | E314.0      | Perchlorate                             | 25.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | MW-265M2-       | 225                | 235                   | 04/17/2007   | E314.0      | Perchlorate                             | 24.6         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | MW-265M2-FD     | 225                | 235                   | 04/17/2007   | E314.0      | Perchlorate                             | 24.7         |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID  | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|--------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| DEMOLITION AREA 1   | MW-165M2     | 01624           | 124.5              | 134.5                 | 04/16/2007   | E314.0      | Perchlorate                             | 5.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-286M2     | MW-286M2-       | 205                | 215                   | 04/13/2007   | E314.0      | Perchlorate                             | 5.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2     | MW-370M2-FD     | 215.54             | 225.54                | 04/13/2007   | E314.0      | Perchlorate                             | 20.6         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M1     | MW-368M1-       | 237.35             | 247.35                | 04/12/2007   | E314.0      | Perchlorate                             | 38.6         |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-319M2     | MW-319M2-       | 165.17             | 175.17                | 04/11/2007   | E314.0      | Perchlorate                             | 3.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-225M3     | 1687            | 125                | 135                   | 04/11/2007   | E314.0      | Perchlorate                             | 20.7         |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-307M3     | MW-307M3-FD     | 125.8              | 135.82                | 04/11/2007   | E314.0      | Perchlorate                             | 25.0         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-339M1     | MW-339M1-       | 233                | 243                   | 04/11/2007   | E314.0      | Perchlorate                             | 3.6          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2     | MW-215M2-       | 205                | 215                   | 04/10/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-335M1     | MW-335M1-       | 255.2              | 265.2                 | 04/09/2007   | E314.0      | Perchlorate                             | 5.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1     | 1679            | 200                | 210                   | 04/09/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1     | 1679            | 200                | 210                   | 04/09/2007   | E314.0      | Perchlorate                             | 181          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-393M1     | MW-393M1-FD     | 268.02             | 278.02                | 04/09/2007   | E314.0      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| WESTERN BOUNDARY    | MW-233M3     | MW-233M3_WB     | 231                | 241                   | 04/04/2007   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| DEMOLITION AREA 2   | MW-404M2     | MW-404M2_D2     | 200                | 210                   | 04/03/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.8          |           | UG/L  | 2      |
| DEMOLITION AREA 2   | MW-404M2     | MW-404M2_D2-FD  | 200                | 210                   | 04/03/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2     | 1553            | 215                | 225                   | 03/20/2007   | E314.0      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-232M1     | 1562            | 77.5               | 82.5                  | 03/08/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.7          |           | UG/L  | 2      |
| J3 RANGE            | MW-295M1     | 1573            | 145                | 155                   | 03/07/2007   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-433       | FPR-EW-503-55E  | 0                  | 0                     | 02/05/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-274       | FPR-EW-1-55E    | 0                  | 0                     | 02/05/2007   | SW8270C     | bis(2-Ethylhexyl) Phthalate             | 41.0         | J         | UG/L  | 6      |
| DEMOLITION AREA 1   | MW-274       | FPR-EW-1-55E    | 0                  | 0                     | 02/05/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.3          |           | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-398M2     | MW-398M2        | 131.53             | 141.53                | 02/01/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 34.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-477M2     | MW-477M2-       | 0                  | 0                     | 01/08/2007   | SW8270C     | bis(2-Ethylhexyl) Phthalate             | 14.0         |           | UG/L  | 6      |
| DEMOLITION AREA 1   | MW-73S       | MW-73S          | 38.5               | 48.5                  | 01/03/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S       | MW-19S          | 38                 | 48                    | 01/03/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 34.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2      | MW-34M2         | 131                | 141                   | 01/02/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-139M2     | MW-139M2        | 154                | 164                   | 01/02/2007   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2     | MW-210M2        | 156                | 166                   | 12/28/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 60.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M1     | MW-210M1        | 201                | 211                   | 12/28/2006   | E314.0      | Perchlorate                             | 4.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M1     | MW-210M1-D      | 201                | 211                   | 12/28/2006   | E314.0      | Perchlorate                             | 4.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1     | MW-211M1        | 200                | 210                   | 12/27/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1     | MW-211M1        | 200                | 210                   | 12/27/2006   | E314.0      | Perchlorate                             | 133          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-341M3     | MW-341M3        | 210                | 220                   | 12/27/2006   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-225M3     | MW-225M3        | 125                | 135                   | 12/21/2006   | E314.0      | Perchlorate                             | 17.6         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1     | 27611           | 186                | 196                   | 11/29/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3      | 27501           | 170                | 180                   | 11/27/2006   | E314.0      | Perchlorate                             | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-37M2      | 27496           | 145                | 155                   | 11/16/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-2         | 27517           | 175                | 185                   | 11/16/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-2         | 27518           | 175                | 185                   | 11/16/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1      | 27515           | 170                | 180                   | 11/15/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-101M1     | 27461           | 158                | 168                   | 11/15/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| J2 RANGE NORTH      | J2EW3-MW-2-B | 27492           | 216.16             | 226.16                | 11/07/2006   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-369M1     | 27525           | 254.07             | 264.07                | 11/07/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2      | 27512           | 214                | 224                   | 11/02/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2      | 27512           | 214                | 224                   | 11/02/2006   | E314.0      | Perchlorate                             | 4.4          |           | UG/L  | 2      |

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**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-43M2     | 27508           | 200                | 210                   | 11/01/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | 27524           | 215                | 225                   | 11/01/2006   | E314.0      | Perchlorate                             | 16.3         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | 27497           | 225                | 235                   | 10/31/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | 27469           | 235                | 245                   | 10/30/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 15.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | 27469           | 235                | 245                   | 10/30/2006   | E314.0      | Perchlorate                             | 5.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-204M1    | 27435           | 141                | 151                   | 10/30/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | 27451           | 270                | 280                   | 10/30/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-102M2    | 27493           | 237                | 247                   | 10/26/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | 27456           | 154                | 164                   | 10/25/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 31.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02M2     | 27464           | 170                | 175                   | 10/25/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-201M2    | 27445           | 286                | 296                   | 10/19/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | 27449           | 257                | 267                   | 10/19/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-223M2    | 27448           | 185                | 195                   | 10/18/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-105M1    | 27446           | 205                | 215                   | 10/17/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | 27419           | 190                | 200                   | 10/17/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | 27431           | 202                | 212                   | 10/17/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | 27438           | 254                | 264                   | 10/16/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | 27429           | 213                | 223                   | 10/16/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | 27427           | 240                | 250                   | 10/16/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.5          |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | 27389           | 202                | 212                   | 10/10/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | 27389           | 202                | 212                   | 10/10/2006   | E314.0      | Perchlorate                             | 42.5         |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-393M1    | 27386           | 268.02             | 278.02                | 10/10/2006   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-283M1    | 27404           | 38                 | 48                    | 10/09/2006   | E314.0      | Perchlorate                             | 3.3          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2    | 27403           | 45                 | 55                    | 10/09/2006   | E314.0      | Perchlorate                             | 4.9          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-309S     | 27405           | 32                 | 42                    | 10/09/2006   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | 27398           | 160                | 165                   | 10/03/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-305M1    | 27352           | 203                | 213                   | 10/02/2006   | E314.0      | Perchlorate                             | 21.7         |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-310M1    | 27384           | 171                | 181                   | 09/28/2006   | E314.0      | Perchlorate                             | 8.5          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-310M1    | 27385           | 171                | 181                   | 09/28/2006   | E314.0      | Perchlorate                             | 8.4          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-307M3    | 27381           | 116                | 126                   | 09/28/2006   | E314.0      | Perchlorate                             | 14.9         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 27377           | 66                 | 76                    | 09/28/2006   | E314.0      | Perchlorate                             | 9.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270M1    | 27379           | 69                 | 79                    | 09/28/2006   | E314.0      | Perchlorate                             | 9.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278S     | 27376           | 80                 | 90                    | 09/28/2006   | E314.0      | Perchlorate                             | 10.5         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 27374           | 102                | 112                   | 09/28/2006   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 27375           | 102                | 112                   | 09/28/2006   | E314.0      | Perchlorate                             | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-348M2    | 27358           | 207.5              | 217.5                 | 09/27/2006   | E314.0      | Perchlorate                             | 25.0         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-300M2    | 27360           | 197                | 207                   | 09/25/2006   | E314.0      | Perchlorate                             | 113          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2    | 27348           | 215                | 225                   | 09/21/2006   | E314.0      | Perchlorate                             | 7.5          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2    | 27327           | 162                | 172                   | 09/20/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2    | 27327           | 162                | 172                   | 09/20/2006   | E314.0      | Perchlorate                             | 7.4          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M1    | 27325           | 305                | 315                   | 09/20/2006   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M1    | 27326           | 305                | 315                   | 09/20/2006   | E314.0      | Perchlorate                             | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-302M2    | 27342           | 195                | 205                   | 09/19/2006   | E314.0      | Perchlorate                             | 15.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-293M2    | 27337           | 196                | 206                   | 09/18/2006   | E314.0      | Perchlorate                             | 28.9         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1    | 27313           | 130                | 140                   | 09/13/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| DEMOLITION AREA 2   | MW-404M2    | MW-404M2-       | 200.04             | 210.04                | 08/16/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.7          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| DEMOLITION AREA 1   | MW-225M3    | MW-225M3-       | 125                | 135                   | 08/03/2006   | E314.0      | Perchlorate                             | 16.0         |           | UG/L  | 2      |
| L RANGE             | MW-153M1    | 27230           | 199                | 209                   | 06/13/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-343M1    | 27173           | 215                | 225                   | 06/06/2006   | E314.0      | Perchlorate                             | 5.4          | J         | UG/L  | 2      |
| J3 RANGE            | MW-232M1    | 27191           | 77.5               | 82.5                  | 05/31/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| WESTERN BOUNDARY    | MW-233M3    | 27155           | 231                | 241                   | 05/16/2006   | E314.0      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-43M2     | 27116           | 200                | 210                   | 05/04/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | 27034           | 190                | 200                   | 05/02/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-105M1    | 27040           | 205                | 215                   | 05/02/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | 27061           | 154                | 164                   | 05/01/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 45.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01S      | 27037           | 114                | 124                   | 05/01/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | 27058           | 186                | 196                   | 04/26/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | 27059           | 186                | 196                   | 04/26/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3     | 27065           | 170                | 180                   | 04/26/2006   | E314.0      | Perchlorate                             | 3.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | 27062           | 225                | 235                   | 04/24/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-107M2    | 27051           | 125                | 135                   | 04/24/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02M2     | 27039           | 170                | 175                   | 04/24/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | MW-77M2-        | 120                | 130                   | 04/20/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 94.0         | R         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | MW-77M2-        | 120                | 130                   | 04/20/2006   | E314.0      | Perchlorate                             | 7.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | MW-76M2-        | 105                | 115                   | 04/19/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 28.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | MW-76M2-        | 105                | 115                   | 04/19/2006   | E314.0      | Perchlorate                             | 3.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | MW-76S-         | 85                 | 95                    | 04/19/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | MW-129M2-       | 116                | 126                   | 04/19/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | MW-129M2-       | 116                | 126                   | 04/19/2006   | E314.0      | Perchlorate                             | 60.1         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | 27016           | 124                | 134                   | 04/19/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 24.0         | R         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-112M2    | 27012           | 165                | 175                   | 04/19/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M1    | MW-129M1-       | 136                | 146                   | 04/19/2006   | E314.0      | Perchlorate                             | 4.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | 27015           | 170                | 180                   | 04/19/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | 27028           | 202                | 212                   | 04/18/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-162M2    | MW-162M2-       | 125.5              | 135.5                 | 04/18/2006   | E314.0      | Perchlorate                             | 4.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-36M2     | MW-36M2-        | 131                | 141                   | 04/18/2006   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | 27030           | 214                | 224                   | 04/18/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | 27031           | 214                | 224                   | 04/18/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | MW-34M1-        | 151                | 161                   | 04/18/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | MW-34M1-        | 151                | 161                   | 04/18/2006   | E314.0      | Perchlorate                             | 7.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | MW-34M2-        | 131                | 141                   | 04/18/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | MW-34M2-        | 131                | 141                   | 04/18/2006   | E314.0      | Perchlorate                             | 6.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-201M2    | 27027           | 286                | 296                   | 04/18/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | MW-114M2-       | 120                | 130                   | 04/18/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 220          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | MW-114M2-       | 120                | 130                   | 04/18/2006   | E314.0      | Perchlorate                             | 103          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | 27017           | 270                | 280                   | 04/17/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M1    | MW-210M1-       | 201                | 211                   | 04/17/2006   | E314.0      | Perchlorate                             | 4.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | MW-210M2-       | 156                | 166                   | 04/17/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 21.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | MW-210M2-       | 156                | 166                   | 04/17/2006   | E314.0      | Perchlorate                             | 95.1         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | 27001           | 240                | 250                   | 04/17/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | 27018           | 254                | 264                   | 04/17/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-33D      | MW-33D-         | 181.5              | 186.5                 | 04/14/2006   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| DEMOLITION AREA 1   | MW-165M2    | MW-165M2-       | 124.5              | 134.5                 | 04/14/2006   | E314.0      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-139M2    | MW-139M2-       | 154                | 164                   | 04/13/2006   | E314.0      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | MW-31S-         | 98                 | 103                   | 04/13/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 28.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | MW-31S-         | 98                 | 103                   | 04/13/2006   | SW8330      | 2,4,6-Trinitrotoluene                   | 4.9          | R         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | MW-31M-         | 113                | 123                   | 04/13/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 27.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | MW-31M-         | 113                | 123                   | 04/13/2006   | E314.0      | Perchlorate                             | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | 26998           | 257                | 267                   | 04/13/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-323M2    | 26980           | 120                | 130                   | 04/12/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | MW-19S-         | 38                 | 48                    | 04/12/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 19.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-73S      | MW-73S-         | 38.5               | 48.5                  | 04/12/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-73S      | MW-73S-FD       | 38.5               | 48.5                  | 04/12/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.7          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270S     | 26969           | 22                 | 32                    | 04/11/2006   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-283M1    | 26970           | 38                 | 48                    | 04/11/2006   | E314.0      | Perchlorate                             | 3.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270M1    | 26968           | 74                 | 79                    | 04/11/2006   | E314.0      | Perchlorate                             | 13.5         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 26986           | 66                 | 76                    | 04/10/2006   | E314.0      | Perchlorate                             | 10.4         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-297M1    | 26976           | 92                 | 102                   | 04/10/2006   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278S     | 26973           | 80                 | 90                    | 04/10/2006   | E314.0      | Perchlorate                             | 15.9         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 26985           | 83                 | 88                    | 04/10/2006   | E314.0      | Perchlorate                             | 13.9         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 26975           | 102                | 112                   | 04/10/2006   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M1    | 26984           | 96                 | 106                   | 04/10/2006   | E314.0      | Perchlorate                             | 8.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | MW-211M1-       | 200                | 210                   | 04/10/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | MW-211M1-       | 200                | 210                   | 04/10/2006   | E314.0      | Perchlorate                             | 89.7         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-341M3    | MW-341M3 -      | 210                | 220                   | 04/07/2006   | E314.0      | Perchlorate                             | 4.7          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | 26972           | 97                 | 102                   | 04/06/2006   | E314.0      | Perchlorate                             | 12.4         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M1    | 26971           | 113                | 123                   | 04/06/2006   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| FORMER K RANGE      | MW-339M1    | 26947           | 233                | 243                   | 04/04/2006   | E314.0      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-310M1    | 26952           | 171                | 181                   | 04/03/2006   | E314.0      | Perchlorate                             | 4.9          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-319M2    | 26954           | 165                | 175                   | 03/30/2006   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-319M2    | 26955           | 165                | 175                   | 03/30/2006   | E314.0      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | 26931           | 202                | 212                   | 03/28/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M2    | 26931           | 202                | 212                   | 03/28/2006   | E314.0      | Perchlorate                             | 50.8         |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2    | 26942           | 205                | 215                   | 03/28/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| FORMER K RANGE      | MW-368M1    | 26930           | 235                | 245                   | 03/27/2006   | E314.0      | Perchlorate                             | 14.1         |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-307M3    | 26926           | 126                | 136                   | 03/27/2006   | E314.0      | Perchlorate                             | 12.0         |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-307M3    | 26927           | 126                | 136                   | 03/27/2006   | E314.0      | Perchlorate                             | 11.9         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-309S     | 26917           | 32                 | 42                    | 03/27/2006   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-309M1    | 26916           | 65                 | 75                    | 03/27/2006   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| J1 RANGE NORTH      | MW-166M3    | 26897           | 125                | 135                   | 03/23/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-326M2    | 26905           | 196                | 206                   | 03/22/2006   | E314.0      | Perchlorate                             | 12.5         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M3    | 26900           | 200                | 210                   | 03/21/2006   | E314.0      | Perchlorate                             | 2.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | 26899           | 225                | 235                   | 03/21/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | 26899           | 225                | 235                   | 03/21/2006   | E314.0      | Perchlorate                             | 30.6         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-370M2    | 26914           | 215                | 225                   | 03/20/2006   | E314.0      | Perchlorate                             | 11.8         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-306M1    | 26907           | 185                | 195                   | 03/20/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-286M2    | 26882           | 205                | 215                   | 03/20/2006   | E314.0      | Perchlorate                             | 7.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | 26887           | 235                | 245                   | 03/15/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 22.0         |           | UG/L  | 2      |



**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-303M2    | 26887           | 235                | 245                   | 03/15/2006   | E314.0      | Perchlorate                             | 10.7         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-346M1    | 26877           | 245                | 255                   | 03/15/2006   | E314.0      | Perchlorate                             | 11.8         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-164M2    | 26871           | 157                | 167                   | 03/14/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          | J         | UG/L  | 2      |
| J3 RANGE            | MW-163S     | 26797           | 38                 | 48                    | 03/13/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | 26797           | 38                 | 48                    | 03/13/2006   | E314.0      | Perchlorate                             | 33.2         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2    | 26858           | 215                | 225                   | 03/08/2006   | E314.0      | Perchlorate                             | 5.0          |           | UG/L  | 2      |
| J3 RANGE            | MW-193S     | 26810           | 31                 | 36                    | 03/08/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.3          | J         | UG/L  | 2      |
| J3 RANGE            | MW-196S     | 26814           | 32                 | 37                    | 03/02/2006   | SW8330      | 2,4,6-Trinitrotoluene                   | 9.5          | R         | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | 26740           | 70                 | 75                    | 02/28/2006   | E314.0      | Perchlorate                             | 33.5         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | 26739           | 100                | 105                   | 02/28/2006   | E314.0      | Perchlorate                             | 217          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | 26738           | 120                | 125                   | 02/27/2006   | E314.0      | Perchlorate                             | 431          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | 26673           | 240                | 250                   | 02/14/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.3          |           | UG/L  | 2      |
| L RANGE             | MW-45S      | 26693           | 89                 | 99                    | 02/06/2006   | CL200.7     | Arsenic                                 | 20.1         |           | UG/L  | 10     |
| J2 RANGE NORTH      | MW-289M2    | 26732           | 162                | 172                   | 02/03/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2    | 26732           | 162                | 172                   | 02/03/2006   | E314.0      | Perchlorate                             | 12.5         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2    | 26783           | 215                | 225                   | 02/03/2006   | E314.0      | Perchlorate                             | 4.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-302M2    | 26801           | 195                | 205                   | 02/03/2006   | E314.0      | Perchlorate                             | 17.1         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M1    | 26731           | 305                | 315                   | 02/03/2006   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-348M2    | 26795           | 208                | 218                   | 02/02/2006   | E314.0      | Perchlorate                             | 43.0         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-130S     | 26774           | 103                | 113                   | 02/01/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-130S     | 26774           | 103                | 113                   | 02/01/2006   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-130S     | 26775           | 103                | 113                   | 02/01/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-130S     | 26775           | 103                | 113                   | 02/01/2006   | E314.0      | Perchlorate                             | 3.2          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-319M2    | 26641           | 165                | 175                   | 02/01/2006   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| FORMER K RANGE      | MW-339M1    | 26792           | 233                | 243                   | 01/31/2006   | E314.0      | Perchlorate                             | 2.7          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-321M1    | 26785           | 175                | 185                   | 01/31/2006   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-310M1    | 26779           | 171                | 181                   | 01/31/2006   | E314.0      | Perchlorate                             | 7.3          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-307M3    | 26646           | 116                | 126                   | 01/30/2006   | E314.0      | Perchlorate                             | 10.1         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1    | 26698           | 130                | 140                   | 01/30/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1    | 26698           | 130                | 140                   | 01/30/2006   | E314.0      | Perchlorate                             | 3.7          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-300M2    | 26514           | 197                | 207                   | 01/30/2006   | E314.0      | Perchlorate                             | 115          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-326M2    | 26723           | 196                | 206                   | 01/27/2006   | E314.0      | Perchlorate                             | 12.3         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-346M2    | 26374           | 205                | 215                   | 01/27/2006   | E314.0      | Perchlorate                             | 25.9         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-346M1    | 26373           | 245                | 255                   | 01/27/2006   | E314.0      | Perchlorate                             | 10.4         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-306M1    | 26675           | 185                | 195                   | 01/26/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | 26298           | 225                | 235                   | 01/26/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | 26298           | 225                | 235                   | 01/26/2006   | E314.0      | Perchlorate                             | 29.4         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | 26720           | 124                | 134                   | 01/24/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 24.0         |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0016C   | 26631           | 116.7              | 126.33                | 01/24/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | 26718           | 170                | 180                   | 01/24/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | 26719           | 170                | 180                   | 01/24/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | 26695           | 186                | 196                   | 01/23/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | 26696           | 186                | 196                   | 01/23/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-286M2    | 26447           | 205                | 215                   | 01/23/2006   | E314.0      | Perchlorate                             | 6.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-100M1    | 26418           | 179                | 189                   | 01/23/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-105M1    | 26414           | 205                | 215                   | 01/23/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.8          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-235M1    | 26486           | 154                | 164                   | 01/23/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 42.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-101M1    | 26480           | 158                | 168                   | 01/19/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M2     | 26666           | 145                | 155                   | 01/19/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M2     | 26667           | 145                | 155                   | 01/19/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-305M1    | 26652           | 203                | 213                   | 01/18/2006   | E314.0      | Perchlorate                             | 27.3         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-305M1    | 26653           | 203                | 213                   | 01/18/2006   | E314.0      | Perchlorate                             | 27.9         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-293M2    | 26684           | 196                | 206                   | 01/18/2006   | E314.0      | Perchlorate                             | 41.1         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-293M2    | 26685           | 196                | 206                   | 01/18/2006   | E314.0      | Perchlorate                             | 40.3         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-37M3     | 26650           | 130                | 140                   | 01/17/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3     | 26622           | 170                | 180                   | 01/17/2006   | E314.0      | Perchlorate                             | 3.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3     | 26623           | 170                | 180                   | 01/17/2006   | E314.0      | Perchlorate                             | 3.2          |           | UG/L  | 2      |
| J3 RANGE            | MW-247M3    | 26578           | 95                 | 105                   | 01/16/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-247M2    | 26577           | 125                | 135                   | 01/16/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-247M1    | 26577           | 125                | 135                   | 01/16/2006   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| J3 RANGE            | MW-250M2    | 26548           | 145                | 155                   | 01/16/2006   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-223M2    | 26573           | 185                | 195                   | 01/11/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-223M2    | 26574           | 185                | 195                   | 01/11/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0009E   | 26485           | 133.4              | 138.4                 | 01/11/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0009C   | 26484           | 168.21             | 173.21                | 01/11/2006   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| J3 RANGE            | MW-343M2    | 26563           | 167                | 172                   | 01/10/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 24.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-343M1    | 26562           | 215                | 225                   | 01/10/2006   | E314.0      | Perchlorate                             | 3.6          |           | UG/L  | 2      |
| FORMER A RANGE      | MW-206M1    | 26530           | 178.5              | 188.5                 | 01/09/2006   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-283M1    | 26533           | 38                 | 48                    | 01/09/2006   | E314.0      | Perchlorate                             | 3.7          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2    | 26449           | 45                 | 55                    | 01/03/2006   | E314.0      | Perchlorate                             | 4.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | 26445           | 270                | 280                   | 12/29/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 26410           | 66                 | 76                    | 12/28/2005   | E314.0      | Perchlorate                             | 9.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 26413           | 66                 | 76                    | 12/28/2005   | E314.0      | Perchlorate                             | 9.5          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 26404           | 102                | 112                   | 12/28/2005   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278S     | 26407           | 80                 | 90                    | 12/27/2005   | E314.0      | Perchlorate                             | 15.4         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278S     | 26412           | 80                 | 90                    | 12/27/2005   | E314.0      | Perchlorate                             | 15.8         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | 26406           | 97                 | 102                   | 12/27/2005   | E314.0      | Perchlorate                             | 9.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M1    | 26405           | 113                | 123                   | 12/27/2005   | E314.0      | Perchlorate                             | 2.4          |           | UG/L  | 2      |
| DEMOLITION AREA 2   | MW-404M2    | MW-404M2-FD     | 200                | 210                   | 12/22/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-164M2    | 26423           | 157                | 167                   | 12/21/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| J1 RANGE NORTH      | MW-166M3    | 26165           | 125                | 135                   | 12/20/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-201M2    | 26365           | 286                | 296                   | 12/20/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | 26292           | 214                | 224                   | 12/20/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | 26292           | 214                | 224                   | 12/20/2005   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M1     | 26291           | 234                | 244                   | 12/20/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0002    | 26356           | 121.2              | 126.2                 | 12/19/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 17.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | MW-210M2-FD     | 156                | 166                   | 12/15/2005   | E314.0      | Perchlorate                             | 99.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | MW-165M2-FD     | 124.5              | 134.5                 | 12/15/2005   | E314.0      | Perchlorate                             | 6.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01S      | 26362           | 114                | 124                   | 12/14/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | 26360           | 160                | 165                   | 12/14/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | 26361           | 160                | 165                   | 12/14/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02M2     | 26363           | 170                | 175                   | 12/14/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J2 RANGE EAST       | MW-215M2    | 26379           | 205                | 215                   | 12/13/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-309S     | 26238           | 32                 | 42                    | 12/13/2005   | E314.0      | Perchlorate                             | 3.4          |           | UG/L  | 2      |
| J3 RANGE            | MW-142M2    | 26342           | 140                | 150                   | 12/13/2005   | E314.0      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-309M1    | 26237           | 65                 | 75                    | 12/13/2005   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| J3 RANGE            | MW-143M3    | 26337           | 107                | 112                   | 12/13/2005   | E314.0      | Perchlorate                             | 15.8         |           | UG/L  | 2      |
| J3 RANGE            | MW-143M2    | 26335           | 117                | 122                   | 12/12/2005   | E314.0      | Perchlorate                             | 9.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-143M2    | 26336           | 117                | 122                   | 12/12/2005   | E314.0      | Perchlorate                             | 9.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-143M1    | 26334           | 144                | 154                   | 12/12/2005   | E314.0      | Perchlorate                             | 5.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-243M1    | 26308           | 114.5              | 124.5                 | 12/12/2005   | E314.0      | Perchlorate                             | 4.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270M1    | 26316           | 74                 | 79                    | 12/12/2005   | E314.0      | Perchlorate                             | 14.6         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270M1    | 26317           | 74                 | 79                    | 12/12/2005   | E314.0      | Perchlorate                             | 14.5         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | 26246           | 257                | 267                   | 12/08/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-341M3    | MW-341M3-       | 210                | 220                   | 12/08/2005   | E314.0      | Perchlorate                             | 7.5          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-301S     | 26236           | 97                 | 107                   | 12/07/2005   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-323M2    | 26220           | 120                | 130                   | 12/07/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | 26189           | 213                | 223                   | 12/06/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | 26190           | 202                | 212                   | 12/06/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | 26191           | 202                | 212                   | 12/06/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | 26217           | 225                | 235                   | 12/06/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | 26218           | 225                | 235                   | 12/06/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | 26214           | 254                | 264                   | 12/05/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278S     | 26113           | 80                 | 90                    | 12/05/2005   | E314.0      | Perchlorate                             | 15.6         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 26114           | 66                 | 76                    | 12/05/2005   | E314.0      | Perchlorate                             | 20.4         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | 26171           | 235                | 245                   | 12/02/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 24.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | 26171           | 235                | 245                   | 12/02/2005   | E314.0      | Perchlorate                             | 10.1         |           | UG/L  | 2      |
| J3 RANGE            | 90MW0022    | 26169           | 112                | 117                   | 12/02/2005   | E314.0      | Perchlorate                             | 15.1         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-204M1    | 26147           | 141                | 151                   | 11/30/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | 26131           | 110                | 120                   | 11/29/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 16.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | 26132           | 110                | 120                   | 11/29/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 16.0         |           | UG/L  | 2      |
| L RANGE             | MW-153M1    | 26142           | 199                | 209                   | 11/29/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          | J         | UG/L  | 2      |
| L RANGE             | MW-153M1    | 26143           | 199                | 209                   | 11/29/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          | J         | UG/L  | 2      |
| J3 RANGE            | MW-227M1    | 26130           | 130                | 140                   | 11/29/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | 26124           | 190                | 200                   | 11/28/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.8          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-321M1    | 25904           | 175                | 185                   | 11/22/2005   | E314.0      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-2        | 26085           | 175                | 185                   | 11/21/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | 4036009     | 4036009_1105    | 0                  | 0                     | 11/21/2005   | E314.0      | Perchlorate                             | 3.6          |           | UG/L  | 2      |
| J3 RANGE            | MW-247M3    | 26033           | 95                 | 105                   | 11/19/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-326M2    | 25784           | 196                | 206                   | 11/18/2005   | E314.0      | Perchlorate                             | 12.4         |           | UG/L  | 2      |
| J3 RANGE            | MW-196S     | 25594           | 32                 | 37                    | 11/17/2005   | SW8330      | 2,4,6-Trinitrotoluene                   | 14.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | BHW215083D  | 26058           | 137                | 147                   | 11/17/2005   | CL200.7     | Sodium                                  | 63800        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | XXBHW215083 | 26055           | 74                 | 84                    | 11/16/2005   | CL200.7     | Sodium                                  | 371000       |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | MW-91S      | 25868           | 124                | 134                   | 11/15/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 16.0         | J         | UG/L  | 2      |
| J3 RANGE            | MW-247M2    | 26032           | 125                | 135                   | 11/11/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.4          |           | UG/L  | 2      |
| J3 RANGE            | MW-247M2    | 26032           | 125                | 135                   | 11/11/2005   | E314.0      | Perchlorate                             | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | 25867           | 170                | 180                   | 11/10/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | 25743           | 38                 | 48                    | 11/09/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 15.0         |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J3 RANGE            | MW-163S     | 25743           | 38                 | 48                    | 11/09/2005   | E314.0      | Perchlorate                             | 28.7         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | 25800           | 240                | 250                   | 11/08/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.1          |           | UG/L  | 2      |
| FORMER K RANGE      | MW-339M1    | 25914           | 233                | 243                   | 11/07/2005   | E314.0      | Perchlorate                             | 3.6          |           | UG/L  | 2      |
| FORMER K RANGE      | MW-339M1    | 25915           | 233                | 243                   | 11/07/2005   | E314.0      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-310M1    | 25963           | 171                | 181                   | 11/07/2005   | E314.0      | Perchlorate                             | 9.4          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1    | 25896           | 130                | 140                   | 11/07/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1    | 25896           | 130                | 140                   | 11/07/2005   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-130S     | 25894           | 103                | 113                   | 11/05/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          | J         | UG/L  | 2      |
| J2 RANGE NORTH      | MW-130S     | 25894           | 103                | 113                   | 11/05/2005   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-305M1    | 25962           | 203                | 213                   | 11/04/2005   | E314.0      | Perchlorate                             | 24.9         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-293M2    | 25911           | 196                | 206                   | 11/04/2005   | E314.0      | Perchlorate                             | 35.3         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-293M2    | 25912           | 196                | 206                   | 11/04/2005   | E314.0      | Perchlorate                             | 35.2         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | 25724           | 120                | 125                   | 11/02/2005   | E314.0      | Perchlorate                             | 413          |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0009E   | 25342           | 133.4              | 138.4                 | 11/01/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | 26000           | 186                | 196                   | 11/01/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 15.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | 26009           | 194                | 204                   | 10/28/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 25995           | 66                 | 76                    | 10/27/2005   | E314.0      | Perchlorate                             | 23.9         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 25996           | 66                 | 76                    | 10/27/2005   | E314.0      | Perchlorate                             | 23.9         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2    | 25865           | 215                | 225                   | 10/27/2005   | E314.0      | Perchlorate                             | 3.5          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278S     | 25994           | 80                 | 90                    | 10/27/2005   | E314.0      | Perchlorate                             | 15.8         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 25993           | 102                | 112                   | 10/27/2005   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-306M1    | 25615           | 185                | 195                   | 10/25/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.3          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3     | 25876           | 170                | 180                   | 10/25/2005   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-223M2    | 25983           | 185                | 195                   | 10/24/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.8          |           | UG/L  | 2      |
| J3 RANGE            | 90PZ0211    | 25760           | 83                 | 83                    | 10/21/2005   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| J3 RANGE            | 90PZ0211    | 25761           | 93                 | 93                    | 10/21/2005   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | 25725           | 100                | 105                   | 10/20/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.4          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | 25725           | 100                | 105                   | 10/20/2005   | E314.0      | Perchlorate                             | 617          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | 25726           | 70                 | 75                    | 10/20/2005   | E314.0      | Perchlorate                             | 88.7         |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-307M3    | 25793           | 116                | 126                   | 10/19/2005   | E314.0      | Perchlorate                             | 12.8         |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-57M3     | 25767           | 117                | 127                   | 10/18/2005   | CL200.7     | Sodium                                  | 22100        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | MW-38M2     | 25875           | 187                | 197                   | 10/14/2005   | SW6020      | Antimony                                | 12.4         | J         | UG/L  | 6      |
| J2 RANGE EAST       | MW-319M2    | 25798           | 165                | 175                   | 10/12/2005   | E314.0      | Perchlorate                             | 3.2          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-300M2    | 25639           | 197                | 207                   | 10/11/2005   | E314.0      | Perchlorate                             | 85.2         |           | UG/L  | 2      |
| J3 RANGE            | MW-250M2    | 25546           | 145                | 155                   | 10/10/2005   | E314.0      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| FORMER A RANGE      | MW-206M1    | 25690           | 178.5              | 188.5                 | 10/05/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| FORMER A RANGE      | MW-206M1    | 25691           | 178.5              | 188.5                 | 10/05/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-286M2    | 25578           | 205                | 215                   | 09/29/2005   | E314.0      | Perchlorate                             | 7.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | 25666           | 270                | 280                   | 09/29/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | 25396           | 154                | 164                   | 09/29/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 44.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0001    | 24983           | 121.8              | 126.8                 | 09/24/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-164M2    | 25407           | 157                | 167                   | 09/22/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | 25556           | 213                | 223                   | 09/20/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          | J         | UG/L  | 2      |
| NORTHWEST CORNER    | MW-283M1    | 25483           | 38                 | 48                    | 09/19/2005   | E314.0      | Perchlorate                             | 3.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-283M1    | 25484           | 38                 | 48                    | 09/19/2005   | E314.0      | Perchlorate                             | 3.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2    | 25486           | 45                 | 55                    | 09/19/2005   | E314.0      | Perchlorate                             | 4.1          |           | UG/L  | 2      |

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| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| NORTHWEST CORNER    | MW-279S     | 25522           | 66                 | 76                    | 09/16/2005   | E314.0      | Perchlorate                             | 24.4         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278S     | 25521           | 80                 | 90                    | 09/16/2005   | E314.0      | Perchlorate                             | 15.4         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 25519           | 102                | 112                   | 09/16/2005   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 25520           | 102                | 112                   | 09/16/2005   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| L RANGE             | MW-45S      | 25508           | 89                 | 99                    | 09/15/2005   | CL200.7     | Arsenic                                 | 16.5         |           | UG/L  | 10     |
| L RANGE             | MW-45S      | 25508           | 89                 | 99                    | 09/15/2005   | CL200.7     | Lead                                    | 20.0         |           | UG/L  | 15     |
| L RANGE             | MW-45S      | 25509           | 89                 | 99                    | 09/15/2005   | CL200.7     | Arsenic                                 | 18.4         |           | UG/L  | 10     |
| L RANGE             | MW-45S      | 25509           | 89                 | 99                    | 09/15/2005   | CL200.7     | Lead                                    | 16.4         |           | UG/L  | 15     |
| J3 RANGE            | MW-243M1    | 25451           | 114.5              | 124.5                 | 09/14/2005   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | 25431           | 214                | 224                   | 09/13/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | 25431           | 214                | 224                   | 09/13/2005   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-107M2    | 24898           | 125                | 135                   | 09/12/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-201M2    | 25392           | 286                | 296                   | 09/08/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-201M2    | 25393           | 286                | 296                   | 09/08/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.3          |           | UG/L  | 2      |
| L RANGE             | MW-153M1    | 25299           | 199                | 209                   | 09/07/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | 24753           | 257                | 267                   | 09/06/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01S      | 25199           | 114                | 124                   | 09/06/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | 25198           | 160                | 165                   | 09/06/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | 25200           | 160                | 165                   | 09/06/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.5          |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0016C   | 25339           | 116.7              | 126.33                | 09/02/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270S     | 25274           | 22                 | 32                    | 09/01/2005   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270M1    | 25273           | 74                 | 79                    | 09/01/2005   | E314.0      | Perchlorate                             | 14.2         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M3    | 25321           | 200                | 210                   | 08/31/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M3    | 25321           | 200                | 210                   | 08/31/2005   | E314.0      | Perchlorate                             | 4.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | 25320           | 225                | 235                   | 08/31/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | 25320           | 225                | 235                   | 08/31/2005   | E314.0      | Perchlorate                             | 23.4         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | 25108           | 202                | 212                   | 08/31/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | 25263           | 235                | 245                   | 08/30/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 26.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | 25263           | 235                | 245                   | 08/30/2005   | E314.0      | Perchlorate                             | 13.5         |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2    | 25203           | 205                | 215                   | 08/30/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2    | 25203           | 205                | 215                   | 08/30/2005   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-112M2    | 25213           | 165                | 175                   | 08/29/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-07M1     | 24811           | 240                | 245                   | 08/29/2005   | CL200.7     | Arsenic                                 | 14.0         | J         | UG/L  | 10     |
| NORTHWEST CORNER    | MW-279S     | 25271           | 66                 | 76                    | 08/26/2005   | E314.0      | Perchlorate                             | 21.1         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278S     | 25270           | 80                 | 90                    | 08/26/2005   | E314.0      | Perchlorate                             | 13.8         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 25269           | 102                | 112                   | 08/26/2005   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-309S     | 25244           | 32                 | 42                    | 08/25/2005   | E314.0      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-309M1    | 25243           | 65                 | 75                    | 08/25/2005   | E314.0      | Perchlorate                             | 4.1          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M1    | 25168           | 305                | 315                   | 08/23/2005   | E314.0      | Perchlorate                             | 3.5          |           | UG/L  | 2      |
| NORTHWEST CORNER    | 4036009     | 4036009_0805    | 0                  | 0                     | 08/23/2005   | E314.0      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2    | 25169           | 162                | 172                   | 08/22/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2    | 25169           | 162                | 172                   | 08/22/2005   | E314.0      | Perchlorate                             | 14.8         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-100M1    | 24880           | 179                | 189                   | 08/22/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| J3 RANGE            | MW-143M1    | 24828           | 144                | 154                   | 08/19/2005   | E314.0      | Perchlorate                             | 5.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-204M1    | 25123           | 141                | 151                   | 08/18/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M2    | 24914           | 224                | 234                   | 08/18/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-207M1    | 24913           | 254                | 264                   | 08/16/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-346M2    | MW-346M2-       | 205.28             | 215.28                | 08/15/2005   | E314.0      | Perchlorate                             | 11.0         |           | UG/L  | 2      |
| J1 RANGE NORTH      | MW-166M1    | 25046           | 218                | 223                   | 08/13/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          | J         | UG/L  | 2      |
| J1 RANGE NORTH      | MW-166M3    | 25048           | 125                | 135                   | 08/13/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.7          |           | UG/L  | 2      |
| J3 RANGE            | 90MW0022    | 24933           | 112                | 117                   | 08/11/2005   | E314.0      | Perchlorate                             | 10.2         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | 24768           | 190                | 200                   | 08/08/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.8          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-341M3    | 25003           | 210                | 220                   | 08/08/2005   | E314.0      | Perchlorate                             | 20.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | 25000           | 200                | 210                   | 08/08/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | 25000           | 200                | 210                   | 08/08/2005   | E314.0      | Perchlorate                             | 50.6         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | 25001           | 200                | 210                   | 08/08/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | 25001           | 200                | 210                   | 08/08/2005   | E314.0      | Perchlorate                             | 50.8         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | 24999           | 38                 | 48                    | 08/08/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-73S      | 25011           | 38.5               | 48.5                  | 08/08/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0002    | 24984           | 121.2              | 126.2                 | 08/05/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-225M3    | 24788           | 125                | 135                   | 08/04/2005   | E314.0      | Perchlorate                             | 20.8         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-225M3    | 24789           | 125                | 135                   | 08/04/2005   | E314.0      | Perchlorate                             | 20.9         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-105M1    | 24892           | 205                | 215                   | 08/02/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.7          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M1    | 24814           | 130                | 140                   | 08/01/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.1          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | 24874           | 225                | 235                   | 08/01/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | 24815           | 110                | 120                   | 08/01/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.6          |           | UG/L  | 2      |
| J3 RANGE            | MW-143M2    | 24829           | 117                | 122                   | 07/28/2005   | E314.0      | Perchlorate                             | 5.8          |           | UG/L  | 2      |
| J3 RANGE            | MW-143M3    | 24830           | 107                | 112                   | 07/28/2005   | E314.0      | Perchlorate                             | 11.3         |           | UG/L  | 2      |
| WESTERN BOUNDARY    | MW-233M3    | 24735           | 231                | 241                   | 07/25/2005   | E314.0      | Perchlorate                             | 2.0          | J         | UG/L  | 2      |
| J1 RANGE SOUTHEAST  | MW-360M2    | MW-360M2-       | 102                | 112                   | 07/25/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| J3 RANGE            | MW-142M2    | 24701           | 140                | 150                   | 07/21/2005   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-323S     | 24693           | 73                 | 83                    | 07/20/2005   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-323M2    | 24692           | 120                | 130                   | 07/20/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.4          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278S     | 24682           | 80                 | 90                    | 07/20/2005   | E314.0      | Perchlorate                             | 12.4         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | 24686           | 97                 | 102                   | 07/20/2005   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | 24687           | 97                 | 102                   | 07/20/2005   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 24683           | 66                 | 76                    | 07/19/2005   | E314.0      | Perchlorate                             | 16.3         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-348M2    | MW-348M2-       | 206.54             | 216.54                | 07/19/2005   | E314.0      | Perchlorate                             | 51.6         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 24689           | 83                 | 88                    | 07/19/2005   | E314.0      | Perchlorate                             | 10.3         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M1    | 24688           | 96                 | 106                   | 07/19/2005   | E314.0      | Perchlorate                             | 4.0          |           | UG/L  | 2      |
| J3 RANGE            | MW-343M2    | MW-343M2-       | 166.82             | 171.82                | 07/18/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 35.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-343M1    | MW-343M1-       | 214.83             | 224.83                | 07/18/2005   | E314.0      | Perchlorate                             | 3.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | 24434           | 131                | 141                   | 06/22/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-162M2    | 24464           | 125.5              | 135.5                 | 06/21/2005   | E314.0      | Perchlorate                             | 5.1          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | 24454           | 156                | 166                   | 06/21/2005   | E314.0      | Perchlorate                             | 15.0         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278S     | 24485           | 80                 | 90                    | 06/20/2005   | E314.0      | Perchlorate                             | 11.0         | J         | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 24486           | 66                 | 76                    | 06/20/2005   | E314.0      | Perchlorate                             | 13.0         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-305M1    | 24290           | 203                | 213                   | 06/17/2005   | E314.0      | Perchlorate                             | 26.0         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-305M1    | 24292           | 203                | 213                   | 06/17/2005   | E314.0      | Perchlorate                             | 26.0         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-283M1    | 24411           | 38                 | 48                    | 06/17/2005   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-283M1    | 24412           | 38                 | 48                    | 06/17/2005   | E314.0      | Perchlorate                             | 2.7          |           | UG/L  | 2      |
| J3 RANGE            | MW-356M1    | MW-356M1-FD     | 185                | 195                   | 06/17/2005   | SW8270C     | bis(2-Ethylhexyl) Phthalate             | 37.0         | J         | UG/L  | 6      |

J = Estimated Result

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-306M2    | 24416           | 165                | 175                   | 06/16/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.3          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2    | 24055           | 205                | 215                   | 06/16/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-310M1    | 24419           | 171                | 181                   | 06/16/2005   | E314.0      | Perchlorate                             | 13.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-196S     | 24183           | 32                 | 37                    | 06/16/2005   | SW8330      | 2,4,6-Trinitrotoluene                   | 17.0         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-323S     | 23640           | 73                 | 83                    | 06/15/2005   | E314.0      | Perchlorate                             | 3.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-323M2    | 23639           | 120                | 130                   | 06/15/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-306M1    | 24414           | 185                | 195                   | 06/15/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | 24198           | 70                 | 75                    | 06/14/2005   | E314.0      | Perchlorate                             | 110          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | 24196           | 100                | 105                   | 06/14/2005   | E314.0      | Perchlorate                             | 770          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | 24197           | 100                | 105                   | 06/14/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.2          | J         | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | 24194           | 120                | 125                   | 06/14/2005   | E314.0      | Perchlorate                             | 31.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-132S     | 24423           | 37                 | 47                    | 06/14/2005   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-300M2    | 24308           | 197                | 207                   | 06/13/2005   | E314.0      | Perchlorate                             | 74.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-143M3    | 24005           | 107                | 112                   | 06/13/2005   | E314.0      | Perchlorate                             | 13.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-143M2    | 24003           | 117                | 122                   | 06/13/2005   | E314.0      | Perchlorate                             | 7.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-286M2    | 24395           | 205                | 215                   | 06/13/2005   | E314.0      | Perchlorate                             | 6.4          |           | UG/L  | 2      |
| J3 RANGE            | MW-143M1    | 24001           | 144                | 154                   | 06/13/2005   | E314.0      | Perchlorate                             | 4.9          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-309S     | 23935           | 32                 | 42                    | 06/10/2005   | E314.0      | Perchlorate                             | 3.7          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-309M1    | 23934           | 65                 | 75                    | 06/10/2005   | E314.0      | Perchlorate                             | 4.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2    | 23792           | 45                 | 55                    | 06/10/2005   | E314.0      | Perchlorate                             | 4.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2    | 23794           | 45                 | 55                    | 06/10/2005   | E314.0      | Perchlorate                             | 4.2          |           | UG/L  | 2      |
| J3 RANGE            | 90MW0022    | 24227           | 112                | 117                   | 06/09/2005   | E314.0      | Perchlorate                             | 9.8          |           | UG/L  | 2      |
| J1 RANGE NORTH      | MW-166M1    | 23890           | 218                | 223                   | 06/09/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | 24320           | 38                 | 48                    | 06/08/2005   | E314.0      | Perchlorate                             | 85.0         | J         | UG/L  | 2      |
| J3 RANGE            | MW-163S     | 24321           | 38                 | 48                    | 06/08/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 26.0         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270M1    | 24241           | 74                 | 79                    | 06/08/2005   | E314.0      | Perchlorate                             | 13.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-258M2    | 24443           | 87                 | 92                    | 06/08/2005   | E314.0      | Perchlorate                             | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | 24401           | 235                | 245                   | 06/07/2005   | E314.0      | Perchlorate                             | 19.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M2    | 24402           | 235                | 245                   | 06/07/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 27.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-197M2    | 24178           | 80                 | 85                    | 06/07/2005   | E314.0      | Perchlorate                             | 11.0         |           | UG/L  | 2      |
| L RANGE             | MW-45S      | 24336           | 89                 | 99                    | 06/06/2005   | CL200.7     | Lead                                    | 21.4         |           | UG/L  | 15     |
| L RANGE             | MW-45S      | 24336           | 89                 | 99                    | 06/06/2005   | CL200.7     | Arsenic                                 | 23.1         |           | UG/L  | 10     |
| J3 RANGE            | MW-227M2    | 24328           | 110                | 120                   | 06/06/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.5          | J         | UG/L  | 2      |
| J3 RANGE            | MW-227M1    | 24326           | 130                | 140                   | 06/06/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.2          | J         | UG/L  | 2      |
| J3 RANGE            | MW-250M2    | 23821           | 145                | 155                   | 06/04/2005   | E314.0      | Perchlorate                             | 5.5          | J         | UG/L  | 2      |
| J3 RANGE            | MW-142M2    | 24296           | 140                | 150                   | 06/03/2005   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| J3 RANGE            | 90PZ0211    | 24246           | 93                 | 93                    | 06/02/2005   | E314.0      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| J3 RANGE            | MW-237M1    | 23883           | 80                 | 90                    | 06/02/2005   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| J3 RANGE            | MW-243M1    | 23885           | 114.5              | 124.5                 | 06/02/2005   | E314.0      | Perchlorate                             | 4.2          |           | UG/L  | 2      |
| WESTERN BOUNDARY    | MW-233M3    | 24094           | 231                | 241                   | 06/01/2005   | E314.0      | Perchlorate                             | 2.7          | J         | UG/L  | 2      |
| J2 RANGE NORTH      | MW-130S     | 24048           | 103                | 113                   | 05/31/2005   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-130S     | 24049           | 103                | 113                   | 05/31/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.4          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2    | 24134           | 162                | 172                   | 05/31/2005   | E314.0      | Perchlorate                             | 17.0         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2    | 24135           | 162                | 172                   | 05/31/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M1    | 24132           | 305                | 315                   | 05/31/2005   | E314.0      | Perchlorate                             | 5.5          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-297S     | 23643           | 72                 | 82                    | 05/25/2005   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-164M2    | 23860           | 157                | 167                   | 05/25/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.3          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 24075           | 66                 | 76                    | 05/25/2005   | E314.0      | Perchlorate                             | 16.0         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 24080           | 83                 | 88                    | 05/25/2005   | E314.0      | Perchlorate                             | 14.0         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | 24078           | 97                 | 102                   | 05/25/2005   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M1    | 24079           | 96                 | 106                   | 05/25/2005   | E314.0      | Perchlorate                             | 3.8          |           | UG/L  | 2      |
| FORMER A RANGE      | MW-206M1    | 23783           | 178.5              | 188.5                 | 05/24/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| L RANGE             | MW-153M1    | 23853           | 199                | 209                   | 05/24/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-100M1    | 23673           | 179                | 189                   | 05/20/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-100M1    | 23675           | 179                | 189                   | 05/20/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0009C   | 23621           | 168.21             | 173.21                | 05/19/2005   | E314.0      | Perchlorate                             | 2.5          | J         | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0009E   | 23624           | 133.4              | 138.4                 | 05/19/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 17.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-346M3    | MW-346M3-       | 175.27             | 185.27                | 05/18/2005   | E314.0      | Perchlorate                             | 8.5          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1    | 23796           | 130                | 140                   | 05/16/2005   | E314.0      | Perchlorate                             | 2.5          | J         | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1    | 23797           | 130                | 140                   | 05/16/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M3    | 23744           | 200                | 210                   | 05/16/2005   | E314.0      | Perchlorate                             | 6.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M3    | 23745           | 200                | 210                   | 05/16/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | 23742           | 225                | 235                   | 05/16/2005   | E314.0      | Perchlorate                             | 17.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | 23743           | 225                | 235                   | 05/16/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M4     | 23661           | 132                | 142                   | 05/13/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3     | 23658           | 170                | 180                   | 05/13/2005   | E314.0      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | 23633           | 186                | 196                   | 05/12/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 17.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-43M2     | 23584           | 200                | 210                   | 05/11/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | 23565           | 225                | 235                   | 05/11/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | 23567           | 225                | 235                   | 05/11/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | 22899           | 254                | 264                   | 05/09/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 15.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-201M2    | 22855           | 286                | 296                   | 05/09/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | 23402           | 240                | 250                   | 05/09/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | 23437           | 202                | 212                   | 05/05/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | 23388           | 154                | 164                   | 05/04/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 38.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | 23444           | 194                | 204                   | 05/03/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | 23385           | 257                | 267                   | 05/02/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-204M1    | 22836           | 141                | 151                   | 05/02/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-37M2     | 23304           | 145                | 155                   | 05/02/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-105M1    | 22749           | 205                | 215                   | 05/02/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 23271           | 98                 | 103                   | 04/30/2005   | E314.0      | Perchlorate                             | 4.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 23272           | 98                 | 103                   | 04/30/2005   | SW8330      | 2,4,6-Trinitrotoluene                   | 5.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 23272           | 98                 | 103                   | 04/30/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 61.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | 23269           | 113                | 123                   | 04/30/2005   | E314.0      | Perchlorate                             | 16.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | 23270           | 113                | 123                   | 04/30/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 120          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | 23429           | 124                | 134                   | 04/29/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | 23427           | 170                | 180                   | 04/29/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | 23417           | 213                | 223                   | 04/28/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | 23398           | 160                | 165                   | 04/28/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M2     | 23394           | 145                | 155                   | 04/28/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 23320           | 66                 | 76                    | 04/27/2005   | E314.0      | Perchlorate                             | 17.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-107M2    | 22755           | 125                | 135                   | 04/27/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |



**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-107M2    | 22757           | 125                | 135                   | 04/27/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0016C   | 23287           | 116.7              | 126.33                | 04/26/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.3          |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0016C   | 23289           | 116.7              | 126.33                | 04/26/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0001    | 23273           | 121.8              | 126.8                 | 04/26/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0002    | 23275           | 121.2              | 126.2                 | 04/25/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-36M2     | 23265           | 131                | 141                   | 04/21/2005   | E314.0      | Perchlorate                             | 5.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | 23255           | 131                | 141                   | 04/21/2005   | E314.0      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | 23253           | 151                | 161                   | 04/21/2005   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | 23254           | 151                | 161                   | 04/21/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M2     | 23248           | 115                | 125                   | 04/20/2005   | E314.0      | Perchlorate                             | 3.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | 23236           | 120                | 130                   | 04/20/2005   | E314.0      | Perchlorate                             | 7.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | 23237           | 120                | 130                   | 04/20/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 48.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M1     | 23247           | 135                | 145                   | 04/20/2005   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-341M3    | 23080           | 210                | 220                   | 04/18/2005   | E314.0      | Perchlorate                             | 40.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | 23189           | 125                | 135                   | 04/14/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 22940           | 124.5              | 134.5                 | 04/14/2005   | E314.0      | Perchlorate                             | 9.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 22941           | 124.5              | 134.5                 | 04/14/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 23.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | 23184           | 120                | 130                   | 04/13/2005   | E314.0      | Perchlorate                             | 54.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | 23185           | 120                | 130                   | 04/13/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 140          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-346M2    | MW-346M2-FD     | 205.28             | 215.28                | 04/13/2005   | E314.0      | Perchlorate                             | 5.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | 23190           | 85                 | 95                    | 04/13/2005   | E314.0      | Perchlorate                             | 3.2          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | 23191           | 85                 | 95                    | 04/13/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.9          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | 23186           | 105                | 115                   | 04/13/2005   | E314.0      | Perchlorate                             | 25.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | 23187           | 105                | 115                   | 04/13/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 62.0         | J         | UG/L  | 2      |
| J3 RANGE            | MW-329M2    | MW-329M2-       | 150.05             | 160.05                | 04/07/2005   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-139M2    | 22970           | 154                | 164                   | 04/07/2005   | E314.0      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-225M3    | 22960           | 125                | 135                   | 04/06/2005   | E314.0      | Perchlorate                             | 7.7          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | 22929           | 116                | 126                   | 04/05/2005   | E314.0      | Perchlorate                             | 4.5          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | 22930           | 116                | 126                   | 04/05/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | 22949           | 200                | 210                   | 04/05/2005   | E314.0      | Perchlorate                             | 25.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | 22950           | 200                | 210                   | 04/05/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-172M2    | 22932           | 169                | 179                   | 04/05/2005   | E314.0      | Perchlorate                             | 2.1          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M2    | 22951           | 175                | 185                   | 04/05/2005   | E314.0      | Perchlorate                             | 3.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | 22865           | 270                | 280                   | 04/04/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.9          |           | UG/L  | 2      |
| NORTHWEST CORNER    | 4036009     | 22644           | 0                  | 0.1                   | 04/04/2005   | E314.0      | Perchlorate                             | 4.6          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-86S      | 22862           | 143                | 153                   | 03/31/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-223M2    | 20943           | 185                | 195                   | 03/29/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | 22734           | 190                | 200                   | 03/28/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | 22737           | 214                | 224                   | 03/28/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-112M2    | 22730           | 165                | 175                   | 03/28/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 22646           | 102                | 112                   | 03/22/2005   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 22648           | 66                 | 76                    | 03/22/2005   | E314.0      | Perchlorate                             | 26.3         |           | UG/L  | 2      |
| J3 RANGE            | MW-197M2    | 21931           | 80                 | 85                    | 03/17/2005   | E314.0      | Perchlorate                             | 14.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | 21926           | 100                | 105                   | 03/15/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.8          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | 21927           | 70                 | 75                    | 03/15/2005   | E314.0      | Perchlorate                             | 160          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-366M3    | MW-366M3-       | 145                | 155                   | 03/15/2005   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J3 RANGE            | MW-198M3    | 21925           | 100                | 105                   | 03/15/2005   | E314.0      | Perchlorate                             | 730          | J         | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | 21923           | 120                | 125                   | 03/15/2005   | E314.0      | Perchlorate                             | 110          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | 21924           | 120                | 125                   | 03/15/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0009C   | 21118           | 168.21             | 173.21                | 03/11/2005   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-130S     | 22499           | 103                | 113                   | 03/10/2005   | E314.0      | Perchlorate                             | 3.3          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1    | 22412           | 130                | 140                   | 03/10/2005   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | 22502           | 38                 | 48                    | 03/10/2005   | E314.0      | Perchlorate                             | 120          |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | 22503           | 38                 | 48                    | 03/10/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 33.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-237M1    | 21875           | 80                 | 90                    | 03/10/2005   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| J3 RANGE            | MW-132S     | 21610           | 37                 | 47                    | 03/09/2005   | E314.0      | Perchlorate                             | 4.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-132S     | 21612           | 37                 | 47                    | 03/09/2005   | E314.0      | Perchlorate                             | 4.6          |           | UG/L  | 2      |
| J3 RANGE            | MW-232M1    | 22023           | 77.5               | 82.5                  | 03/09/2005   | E314.0      | Perchlorate                             | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-43M2     | 21886           | 200                | 210                   | 03/08/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-43M2     | 21888           | 200                | 210                   | 03/08/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| FORMER A RANGE      | MW-206M1    | 21877           | 178.5              | 188.5                 | 02/28/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-324M1    | MW-324M1-       | 234.85             | 244.85                | 02/23/2005   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2    | MW-313M2-       | 215.46             | 225.49                | 02/23/2005   | E314.0      | Perchlorate                             | 7.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-313M2    | MW-313M2-FD     | 215.46             | 225.49                | 02/23/2005   | E314.0      | Perchlorate                             | 7.6          |           | UG/L  | 2      |
| J2 RANGE EAST       | RS003P      | 22548           | 90                 | 90                    | 02/22/2005   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0009E   | 21120           | 133.4              | 138.4                 | 02/18/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M4     | 22509           | 132                | 142                   | 02/18/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3     | 22507           | 170                | 180                   | 02/18/2005   | E314.0      | Perchlorate                             | 3.1          | J         | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 22542           | 83                 | 88                    | 02/17/2005   | E314.0      | Perchlorate                             | 6.3          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 22538           | 102                | 112                   | 02/17/2005   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2    | 22425           | 162                | 172                   | 02/17/2005   | E314.0      | Perchlorate                             | 50.0         | J         | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2    | 22426           | 162                | 172                   | 02/17/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M1    | 22423           | 305                | 315                   | 02/16/2005   | E314.0      | Perchlorate                             | 8.2          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M3    | 22393           | 200                | 210                   | 02/16/2005   | E314.0      | Perchlorate                             | 7.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | 22391           | 225                | 235                   | 02/16/2005   | E314.0      | Perchlorate                             | 18.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | 22392           | 225                | 235                   | 02/16/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2    | 21896           | 45                 | 55                    | 02/15/2005   | E314.0      | Perchlorate                             | 3.4          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-321M1    | MW-321M1-       | 174.61             | 184.61                | 02/11/2005   | E314.0      | Perchlorate                             | 5.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270S     | 21941           | 22                 | 32                    | 02/10/2005   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270M1    | 21939           | 74                 | 79                    | 02/10/2005   | E314.0      | Perchlorate                             | 10.3         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | 21087           | 186                | 196                   | 02/09/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 17.0         |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2    | 22365           | 205                | 215                   | 02/09/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-319M1    | MW-319M1-       | 200.25             | 210.25                | 01/19/2005   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-203M2    | 21122           | 176                | 186                   | 01/14/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-286M2    | 21796           | 205                | 215                   | 01/14/2005   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| DEMOLITION AREA 2   | MW-259M1    | 21973           | 189                | 199                   | 01/14/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| J3 RANGE            | MW-143M1    | 20908           | 144                | 154                   | 01/12/2005   | E314.0      | Perchlorate                             | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-100M1    | 20661           | 179                | 189                   | 01/11/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| J3 RANGE            | MW-143M3    | 20912           | 107                | 112                   | 01/11/2005   | E314.0      | Perchlorate                             | 10.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-143M2    | 20910           | 117                | 122                   | 01/06/2005   | E314.0      | Perchlorate                             | 7.5          |           | UG/L  | 2      |
| L RANGE             | MW-45S      | 21873           | 89                 | 99                    | 01/06/2005   | CL200.7     | Arsenic                                 | 31.1         |           | UG/L  | 10     |
| L RANGE             | MW-45S      | 21873           | 89                 | 99                    | 01/06/2005   | CL200.7     | Lead                                    | 24.9         |           | UG/L  | 15     |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| L RANGE             | MW-45S      | 21874           | 89                 | 99                    | 01/06/2005   | CL200.7     | Arsenic                                 | 29.0         |           | UG/L  | 10     |
| L RANGE             | MW-45S      | 21874           | 89                 | 99                    | 01/06/2005   | CL200.7     | Lead                                    | 18.2         |           | UG/L  | 15     |
| J1 RANGE NORTH      | MW-166M1    | 21803           | 218                | 223                   | 01/05/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | 21793           | 225                | 235                   | 01/04/2005   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | 21135           | 202                | 212                   | 12/30/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | 20951           | 213                | 223                   | 12/29/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | 20953           | 213                | 223                   | 12/29/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | 21126           | 257                | 267                   | 12/29/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-204M1    | 21075           | 141                | 151                   | 12/22/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.9          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | 20829           | 240                | 250                   | 12/22/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.3          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-37M2     | 20788           | 145                | 155                   | 12/21/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | 20779           | 160                | 165                   | 12/21/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.5          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | 20783           | 154                | 164                   | 12/21/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 34.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-105M1    | 20745           | 205                | 215                   | 12/21/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-310M1    | MW-310M1-FD     | 171.4              | 181.41                | 12/20/2004   | E314.0      | Perchlorate                             | 18.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-86S      | 20947           | 143                | 153                   | 12/15/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 21512           | 102                | 112                   | 12/14/2004   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-306M2    | MW-306M2-       | 164.69             | 174.69                | 12/14/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 21516           | 66                 | 76                    | 12/14/2004   | E314.0      | Perchlorate                             | 23.1         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | 20799           | 254                | 264                   | 12/14/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 21515           | 83                 | 88                    | 12/14/2004   | E314.0      | Perchlorate                             | 5.7          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M1    | 21514           | 96                 | 106                   | 12/14/2004   | E314.0      | Perchlorate                             | 3.5          |           | UG/L  | 2      |
| NORTHWEST CORNER    | 4036009     | 21200           | 0                  | 0.1                   | 12/13/2004   | E314.0      | Perchlorate                             | 5.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-341M3    | 21505           | 210                | 220                   | 12/10/2004   | E314.0      | Perchlorate                             | 15.5         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | 21473           | 131                | 141                   | 12/08/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-225M3    | 21380           | 125                | 135                   | 12/08/2004   | E314.0      | Perchlorate                             | 3.2          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-162M2    | 21336           | 125.5              | 135.5                 | 12/07/2004   | E314.0      | Perchlorate                             | 10.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 21341           | 124.5              | 134.5                 | 12/07/2004   | E314.0      | Perchlorate                             | 94.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 21342           | 124.5              | 134.5                 | 12/07/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 130          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | 21346           | 156                | 166                   | 12/06/2004   | E314.0      | Perchlorate                             | 56.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | 21347           | 156                | 166                   | 12/06/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | 21348           | 200                | 210                   | 12/06/2004   | E314.0      | Perchlorate                             | 33.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | 21349           | 200                | 210                   | 12/06/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.7          |           | UG/L  | 2      |
| L RANGE             | MW-153M1    | 21285           | 199                | 209                   | 12/03/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.4          |           | UG/L  | 2      |
| J3 RANGE            | MW-247M2    | 21023           | 125                | 135                   | 12/02/2004   | E314.0      | Perchlorate                             | 3.8          | J         | UG/L  | 2      |
| J3 RANGE            | MW-247M2    | 21024           | 125                | 135                   | 12/02/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-250M2    | 21029           | 145                | 155                   | 12/02/2004   | E314.0      | Perchlorate                             | 5.7          | J         | UG/L  | 2      |
| J3 RANGE            | 90MW0022    | 21248           | 112                | 117                   | 11/30/2004   | E314.0      | Perchlorate                             | 4.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | 21124           | 270                | 280                   | 11/23/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | 21101           | 214                | 224                   | 11/22/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-343M2    | MW-343M2-FD     | 167                | 172                   | 11/22/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 18.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-293M2    | MW-293M2-       | 196.42             | 206.42                | 11/19/2004   | E314.0      | Perchlorate                             | 52.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-101M1    | 20740           | 158                | 168                   | 11/18/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | 20927           | 110                | 120                   | 11/18/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M1    | 20925           | 130                | 140                   | 11/18/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-130S     | 17875           | 103                | 113                   | 11/17/2004   | E314.0      | Perchlorate                             | 2.8          | J         | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                          | Location ID  | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|-------------------------------|--------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J3 RANGE                      | MW-142M2     | 20902           | 140                | 150                   | 11/17/2004   | E314.0      | Perchlorate                             | 2.2          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-302M2     | MW-302M2-       | 194.35             | 204.43                | 11/15/2004   | E314.0      | Perchlorate                             | 11.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-201M2     | 20596           | 286                | 296                   | 11/15/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-93M2      | 20753           | 145                | 155                   | 11/12/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-91S       | 20761           | 124                | 134                   | 11/12/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-91M1      | 20759           | 170                | 180                   | 11/10/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-02M2      | 20659           | 170                | 175                   | 11/09/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-112M2     | 20665           | 165                | 175                   | 11/09/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-113M2     | 20625           | 190                | 200                   | 11/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.0          |           | UG/L  | 2      |
| CS-19 (ARNG)                  | 58MW0016C    | 17106           | 116.7              | 126.33                | 11/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| CS-19 (ARNG)                  | 58MW0016C    | 17108           | 116.7              | 126.33                | 11/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-38M4      | 19371           | 132                | 142                   | 11/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-38M3      | 19368           | 170                | 180                   | 11/04/2004   | E314.0      | Perchlorate                             | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | 58MW0001     | 17088           | 121.8              | 126.8                 | 11/04/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.5          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | 58MW0002     | 17090           | 121.2              | 126.2                 | 11/04/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         | J         | UG/L  | 2      |
| J2 RANGE NORTH                | MW-300M2     | MW-300M2-       | 197.23             | 207.23                | 11/04/2004   | E314.0      | Perchlorate                             | 57.0         |           | UG/L  | 2      |
| J2 RANGE NORTH                | MW-300M2     | MW-300M2-FD     | 197.23             | 207.23                | 11/04/2004   | E314.0      | Perchlorate                             | 57.0         |           | UG/L  | 2      |
| J2 RANGE NORTH                | MW-305M1     | MW-305M1-       | 202.82             | 212.82                | 11/03/2004   | E314.0      | Perchlorate                             | 34.0         |           | UG/L  | 2      |
| NORTHWEST CORNER              | MW-279S      | 20497           | 66                 | 76                    | 11/03/2004   | E314.0      | Perchlorate                             | 20.4         |           | UG/L  | 2      |
| NORTHWEST CORNER              | MW-277S      | 20499           | 102                | 112                   | 11/02/2004   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| NORTHWEST CORNER              | MW-279M2     | 20496           | 83                 | 88                    | 11/02/2004   | E314.0      | Perchlorate                             | 5.3          |           | UG/L  | 2      |
| NORTHWEST CORNER              | MW-279M1     | 20495           | 96                 | 106                   | 11/02/2004   | E314.0      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| J3 RANGE                      | MW-196S      | 19503           | 32                 | 37                    | 10/28/2004   | SW8330      | 2,4,6-Trinitrotoluene                   | 29.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-31S       | 16640           | 98                 | 103                   | 10/27/2004   | E314.0      | Perchlorate                             | 4.7          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-31S       | 16641           | 98                 | 103                   | 10/27/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-31S       | 16641           | 98                 | 103                   | 10/27/2004   | SW8330      | 2,4,6-Trinitrotoluene                   | 6.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-31M       | 16638           | 113                | 123                   | 10/27/2004   | E314.0      | Perchlorate                             | 7.4          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-31M       | 16639           | 113                | 123                   | 10/27/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 50.0         | J         | UG/L  | 2      |
| J2 RANGE EAST                 | MW-324M2     | MW-324M2-       | 203.74             | 214.74                | 10/20/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| J2 RANGE EAST                 | MW-324M1     | MW-324M1-FD     | 234.85             | 244.85                | 10/20/2004   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| J2 RANGE NORTH                | MW-234M1     | 17878           | 130                | 140                   | 10/19/2004   | E314.0      | Perchlorate                             | 2.4          | J         | UG/L  | 2      |
| J2 RANGE NORTH                | MW-234M1     | 17879           | 130                | 140                   | 10/19/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-235M1     | 19204           | 154                | 164                   | 10/18/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 40.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-02M2      | 19114           | 170                | 175                   | 10/13/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          | J         | UG/L  | 2      |
| AMMUNITION SUPPLY POINT (ASP) | ASPWELL_2002 | 19685           | 0                  | 0.1                   | 10/13/2004   | CL200.7     | Sodium                                  | 29700        |           | UG/L  | 20000  |
| J3 RANGE                      | MW-250M2     | 18729           | 145                | 155                   | 10/12/2004   | E314.0      | Perchlorate                             | 5.7          | J         | UG/L  | 2      |
| J3 RANGE                      | MW-247M2     | 18762           | 125                | 135                   | 10/12/2004   | E314.0      | Perchlorate                             | 3.5          | J         | UG/L  | 2      |
| J3 RANGE                      | MW-247M2     | 18763           | 125                | 135                   | 10/12/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| NORTHWEST CORNER              | MW-323M2     | 19527           | 120                | 130                   | 10/08/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.6          |           | UG/L  | 2      |
| NORTHWEST CORNER              | MW-277S      | 19538           | 102                | 112                   | 10/06/2004   | E314.0      | Perchlorate                             | 3.3          |           | UG/L  | 2      |
| NORTHWEST CORNER              | MW-279S      | 19539           | 66                 | 76                    | 10/06/2004   | E314.0      | Perchlorate                             | 19.7         |           | UG/L  | 2      |
| NORTHWEST CORNER              | MW-279M2     | 19536           | 83                 | 88                    | 10/06/2004   | E314.0      | Perchlorate                             | 5.1          |           | UG/L  | 2      |
| NORTHWEST CORNER              | MW-279M1     | 19535           | 96                 | 106                   | 10/06/2004   | E314.0      | Perchlorate                             | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-265M3     | 19362           | 200                | 210                   | 10/05/2004   | E314.0      | Perchlorate                             | 8.9          |           | UG/L  | 2      |
| J3 RANGE                      | MW-197M2     | 19389           | 80                 | 85                    | 10/05/2004   | E314.0      | Perchlorate                             | 22.0         |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-89M2     | 19244           | 214                | 224                   | 10/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.2          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | 19407           | 70                 | 75                    | 10/04/2004   | E314.0      | Perchlorate                             | 120          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | 19405           | 100                | 105                   | 10/04/2004   | E314.0      | Perchlorate                             | 120          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | 19403           | 120                | 125                   | 10/04/2004   | E314.0      | Perchlorate                             | 120          |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | 18588           | 38                 | 48                    | 10/01/2004   | E314.0      | Perchlorate                             | 28.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | 18589           | 38                 | 48                    | 10/01/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.7          | J         | UG/L  | 2      |
| J3 RANGE            | MW-132S     | 18624           | 37                 | 47                    | 10/01/2004   | E314.0      | Perchlorate                             | 7.6          |           | UG/L  | 2      |
| J1 RANGE NORTH      | MW-166M1    | 19315           | 218                | 223                   | 09/30/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.7          |           | UG/L  | 2      |
| L RANGE             | MW-45S      | 19069           | 89                 | 99                    | 09/29/2004   | CL200.7     | Arsenic                                 | 28.5         |           | UG/L  | 10     |
| L RANGE             | MW-45S      | 19069           | 89                 | 99                    | 09/29/2004   | CL200.7     | Lead                                    | 35.7         |           | UG/L  | 15     |
| CENTRAL IMPACT AREA | MW-209M1    | 17760           | 240                | 250                   | 09/29/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-86S      | 17657           | 143                | 153                   | 09/29/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| FORMER A RANGE      | MW-206M1    | 17756           | 178.5              | 188.5                 | 09/29/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | 19110           | 160                | 165                   | 09/28/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | 19085           | 124                | 134                   | 09/28/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-2        | 19063           | 175                | 185                   | 09/28/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | 19083           | 170                | 180                   | 09/28/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-1        | 19061           | 126                | 136                   | 09/28/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M2     | 19102           | 145                | 155                   | 09/28/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | 17210           | 225                | 235                   | 09/27/2004   | E314.0      | Perchlorate                             | 23.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | 17211           | 225                | 235                   | 09/27/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-100M1    | 17401           | 179                | 189                   | 09/24/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-101M1    | 18837           | 158                | 168                   | 09/24/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| J3 RANGE            | 90PZ0211    | 18957           | 83                 | 83                    | 09/23/2004   | E314.0      | Perchlorate                             | 7.4          |           | UG/L  | 2      |
| J3 RANGE            | 90PZ0211    | 18959           | 93                 | 93                    | 09/23/2004   | E314.0      | Perchlorate                             | 8.1          |           | UG/L  | 2      |
| J3 RANGE            | 90PZ0211    | 18961           | 103                | 103                   | 09/23/2004   | E314.0      | Perchlorate                             | 9.4          |           | UG/L  | 2      |
| L RANGE             | MW-153M1    | 18823           | 199                | 209                   | 09/23/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | 18802           | 110                | 120                   | 09/21/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M1    | 18798           | 130                | 140                   | 09/21/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| J3 RANGE            | 90MW0022    | 17565           | 112                | 117                   | 09/21/2004   | E314.0      | Perchlorate                             | 4.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-43M2     | 18795           | 200                | 210                   | 09/21/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-07M1     | 18722           | 240                | 245                   | 09/21/2004   | CL200.7     | Arsenic                                 | 12.4         |           | UG/L  | 10     |
| J3 RANGE            | MW-143M3    | 18630           | 107                | 112                   | 09/20/2004   | E314.0      | Perchlorate                             | 12.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-143M2    | 18628           | 117                | 122                   | 09/20/2004   | E314.0      | Perchlorate                             | 7.3          |           | UG/L  | 2      |
| J3 RANGE            | MW-143M1    | 18626           | 144                | 154                   | 09/20/2004   | E314.0      | Perchlorate                             | 5.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-232M1    | 18499           | 77.5               | 82.5                  | 09/16/2004   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-309M1    | 18516           | 65                 | 75                    | 09/15/2004   | E314.0      | Perchlorate                             | 3.7          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-319M2    | MW-319M2-FD     | 165.17             | 175.17                | 09/14/2004   | E314.0      | Perchlorate                             | 3.7          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-57M1     | 18436           | 188                | 198                   | 09/14/2004   | CL200.7     | Sodium                                  | 21800        |           | UG/L  | 20000  |
| NORTHWEST CORNER    | MW-270M1    | 18230           | 74                 | 79                    | 09/10/2004   | E314.0      | Perchlorate                             | 9.7          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2    | 18042           | 205                | 215                   | 09/09/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2    | 18046           | 205                | 215                   | 09/09/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | RSNW03      | 18143           | 0                  | 0.1                   | 09/09/2004   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 18148           | 102                | 112                   | 09/08/2004   | E314.0      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 18154           | 66                 | 76                    | 09/08/2004   | E314.0      | Perchlorate                             | 15.2         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 18153           | 83                 | 88                    | 09/08/2004   | E314.0      | Perchlorate                             | 4.5          |           | UG/L  | 2      |

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**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| NORTHWEST CORNER    | MW-279M2    | 18155           | 83                 | 88                    | 09/08/2004   | E314.0      | Perchlorate                             | 4.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M1    | 18152           | 96                 | 106                   | 09/08/2004   | E314.0      | Perchlorate                             | 3.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-204M1    | 16925           | 141                | 151                   | 09/07/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.8          |           | UG/L  | 2      |
| J3 RANGE            | MW-142M2    | 18035           | 140                | 150                   | 09/03/2004   | E314.0      | Perchlorate                             | 2.0          | J         | UG/L  | 2      |
| NORTHWEST CORNER    | MW-66S      | 17635           | 125.7              | 135.7                 | 08/31/2004   | E314.0      | Perchlorate                             | 2.7          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-341M4    | 17178           | 182                | 187                   | 08/31/2004   | E314.0      | Perchlorate                             | 14.7         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | 17370           | 225                | 235                   | 08/30/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | 17310           | 202                | 212                   | 08/27/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2    | 17181           | 45                 | 55                    | 08/26/2004   | E314.0      | Perchlorate                             | 3.1          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-35M1     | 17264           | 155                | 165                   | 08/25/2004   | E314.0      | Perchlorate                             | 3.5          | J         | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0009E   | 17024           | 133.4              | 138.4                 | 08/24/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.5          |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0009E   | 17026           | 133.4              | 138.4                 | 08/24/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | 17044           | 213                | 223                   | 08/20/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | 17047           | 194                | 204                   | 08/18/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | 4036009     | 17169           | 0                  | 0.1                   | 08/18/2004   | E314.0      | Perchlorate                             | 5.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-341M3    | 17176           | 210                | 220                   | 08/18/2004   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-306M2    | MW-306M2-FD     | 164.69             | 174.69                | 08/13/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | 16929           | 254                | 264                   | 08/13/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-301S     | 16821           | 97                 | 107                   | 08/12/2004   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | 16757           | 257                | 267                   | 08/12/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M2     | 16726           | 115                | 125                   | 08/12/2004   | E314.0      | Perchlorate                             | 6.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M1     | 16724           | 135                | 145                   | 08/11/2004   | E314.0      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | 16714           | 85                 | 95                    | 08/11/2004   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | 16715           | 85                 | 95                    | 08/11/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | 16718           | 105                | 115                   | 08/11/2004   | E314.0      | Perchlorate                             | 57.2         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | 16719           | 105                | 115                   | 08/11/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 140          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | 16716           | 125                | 135                   | 08/11/2004   | E314.0      | Perchlorate                             | 47.3         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | 16717           | 125                | 135                   | 08/11/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 59.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | 16763           | 186                | 196                   | 08/10/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 19.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | 16754           | 270                | 280                   | 08/10/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | 16755           | 270                | 280                   | 08/10/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | 16748           | 190                | 200                   | 08/10/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-201M2    | 16777           | 286                | 296                   | 08/10/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-225M3    | 16704           | 125                | 135                   | 08/06/2004   | E314.0      | Perchlorate                             | 2.1          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-225M3    | 16706           | 125                | 135                   | 08/06/2004   | E314.0      | Perchlorate                             | 2.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | 16710           | 116                | 126                   | 08/06/2004   | E314.0      | Perchlorate                             | 4.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | 16711           | 116                | 126                   | 08/06/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 16695           | 124.5              | 134.5                 | 08/06/2004   | E314.0      | Perchlorate                             | 41.3         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 16696           | 124.5              | 134.5                 | 08/06/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M1    | 16708           | 136                | 146                   | 08/06/2004   | E314.0      | Perchlorate                             | 3.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | 16655           | 131                | 141                   | 08/05/2004   | E314.0      | Perchlorate                             | 5.9          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | 16656           | 131                | 141                   | 08/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M1    | 16697           | 184.5              | 194.5                 | 08/05/2004   | E314.0      | Perchlorate                             | 3.5          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | 16653           | 151                | 161                   | 08/05/2004   | E314.0      | Perchlorate                             | 3.3          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | 16654           | 151                | 161                   | 08/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | 16468           | 156                | 166                   | 08/05/2004   | E314.0      | Perchlorate                             | 59.0         | J         | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| DEMOLITION AREA 1   | MW-210M2    | 16469           | 156                | 166                   | 08/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.9          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 16619           | 102                | 112                   | 08/04/2004   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-139M2    | 16497           | 154                | 164                   | 08/04/2004   | E314.0      | Perchlorate                             | 3.5          | J         | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 16626           | 66                 | 76                    | 08/04/2004   | E314.0      | Perchlorate                             | 13.7         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 16625           | 83                 | 88                    | 08/04/2004   | E314.0      | Perchlorate                             | 5.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M1    | 16624           | 96                 | 106                   | 08/04/2004   | E314.0      | Perchlorate                             | 4.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-32M      | 16643           | 161.5              | 171.5                 | 08/04/2004   | E314.0      | Perchlorate                             | 4.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-32M      | 16645           | 161.5              | 171.5                 | 08/04/2004   | E314.0      | Perchlorate                             | 4.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-32D      | 16642           | 181.5              | 186.5                 | 08/03/2004   | E314.0      | Perchlorate                             | 4.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-36M2     | 16474           | 131                | 141                   | 08/03/2004   | E314.0      | Perchlorate                             | 2.9          | J         | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1    | 16013           | 130                | 140                   | 08/02/2004   | E314.0      | Perchlorate                             | 3.2          | J         | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1    | 16014           | 130                | 140                   | 08/02/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-263M2    | 15838           | 115                | 125                   | 08/02/2004   | E314.0      | Perchlorate                             | 4.0          | J         | UG/L  | 2      |
| J2 RANGE NORTH      | MW-263M2    | 15840           | 115                | 125                   | 08/02/2004   | E314.0      | Perchlorate                             | 4.3          | J         | UG/L  | 2      |
| J2 RANGE NORTH      | MW-130S     | 15896           | 103                | 113                   | 08/02/2004   | E314.0      | Perchlorate                             | 3.6          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | 16493           | 120                | 130                   | 07/30/2004   | E314.0      | Perchlorate                             | 40.8         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | 16494           | 120                | 130                   | 07/30/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 160          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M1    | 16491           | 177                | 187                   | 07/30/2004   | E314.0      | Perchlorate                             | 4.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | 16507           | 200                | 210                   | 07/30/2004   | E314.0      | Perchlorate                             | 13.0         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2    | MW-289M2-       | 162.02             | 172.02                | 07/29/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.9          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2    | MW-289M2-       | 162.02             | 172.02                | 07/29/2004   | E314.0      | Perchlorate                             | 63.0         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2    | MW-289M2-FD     | 162.02             | 172.02                | 07/29/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.7          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M2    | MW-289M2-FD     | 162.02             | 172.02                | 07/29/2004   | E314.0      | Perchlorate                             | 64.0         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M1    | MW-289M1-       | 304.62             | 314.62                | 07/29/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-289M1    | MW-289M1-       | 304.62             | 314.62                | 07/29/2004   | E314.0      | Perchlorate                             | 9.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | 16458           | 120                | 130                   | 07/28/2004   | E314.0      | Perchlorate                             | 5.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | 16459           | 120                | 130                   | 07/28/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | 16462           | 120                | 130                   | 07/28/2004   | E314.0      | Perchlorate                             | 5.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | 16463           | 120                | 130                   | 07/28/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-162M2    | 16434           | 125.5              | 135.5                 | 07/28/2004   | E314.0      | Perchlorate                             | 6.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-172M2    | 16439           | 169                | 179                   | 07/28/2004   | E314.0      | Perchlorate                             | 4.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-323S     | 16326           | 73                 | 83                    | 07/27/2004   | E314.0      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-323M2    | 16325           | 120                | 130                   | 07/27/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.5          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-323M2    | 16329           | 120                | 130                   | 07/27/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-201M2    | 16269           | 286                | 296                   | 07/23/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M1     | 16037           | 185                | 195                   | 07/15/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M1     | 16039           | 185                | 195                   | 07/15/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-86S      | 16153           | 143                | 153                   | 07/12/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | 16164           | 270                | 280                   | 07/12/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | 16148           | 225                | 235                   | 07/09/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 16107           | 102                | 112                   | 07/07/2004   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 16113           | 66                 | 76                    | 07/07/2004   | E314.0      | Perchlorate                             | 10.5         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 16112           | 83                 | 88                    | 07/07/2004   | E314.0      | Perchlorate                             | 4.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 16114           | 83                 | 88                    | 07/07/2004   | E314.0      | Perchlorate                             | 4.9          |           | UG/L  | 2      |
| NORTHWEST CORNER    | RSNW03      | 16102           | 0                  | 0.1                   | 07/07/2004   | E314.0      | Perchlorate                             | 2.0          | J         | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M1    | 16111           | 96                 | 106                   | 07/07/2004   | E314.0      | Perchlorate                             | 4.6          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J2 RANGE EAST       | MW-215M2    | 15858           | 205                | 215                   | 07/06/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2    | 15861           | 205                | 215                   | 07/06/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| L RANGE             | MW-45S      | 15912           | 89                 | 99                    | 06/30/2004   | CL200.7     | Arsenic                                 | 27.8         |           | UG/L  | 10     |
| L RANGE             | MW-45S      | 15912           | 89                 | 99                    | 06/30/2004   | CL200.7     | Lead                                    | 35.2         |           | UG/L  | 15     |
| CENTRAL IMPACT AREA | MW-326M2    | MW-326M2-       | 196.27             | 206.28                | 06/30/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| J1 RANGE NORTH      | MW-166M1    | 15924           | 218                | 223                   | 06/29/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0001    | 15757           | 121.8              | 126.8                 | 06/22/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.7          |           | UG/L  | 2      |
| L RANGE             | MW-153M1    | 15521           | 199                | 209                   | 06/14/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 15581           | 102                | 112                   | 06/09/2004   | E314.0      | Perchlorate                             | 3.4          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 15587           | 66                 | 76                    | 06/09/2004   | E314.0      | Perchlorate                             | 11.1         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 15586           | 83                 | 88                    | 06/09/2004   | E314.0      | Perchlorate                             | 5.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | 15583           | 97                 | 102                   | 06/09/2004   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M1    | 15585           | 96                 | 106                   | 06/09/2004   | E314.0      | Perchlorate                             | 5.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M1    | 15588           | 96                 | 106                   | 06/09/2004   | E314.0      | Perchlorate                             | 5.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-73S      | 14725           | 38.5               | 48.5                  | 06/01/2004   | E314.0      | Perchlorate                             | 2.5          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-73S      | 14726           | 38.5               | 48.5                  | 06/01/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | 14724           | 38                 | 48                    | 06/01/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 73.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | 14937           | 120                | 125                   | 05/27/2004   | E314.0      | Perchlorate                             | 494          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | 14938           | 120                | 125                   | 05/27/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | 14939           | 100                | 105                   | 05/27/2004   | E314.0      | Perchlorate                             | 92.9         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | 14940           | 100                | 105                   | 05/27/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| J3 RANGE            | MW-197M2    | 14929           | 80                 | 85                    | 05/26/2004   | E314.0      | Perchlorate                             | 20.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | 14941           | 70                 | 75                    | 05/26/2004   | E314.0      | Perchlorate                             | 81.6         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | 14942           | 70                 | 75                    | 05/26/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-225M3    | 15170           | 125                | 135                   | 05/25/2004   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-301S     | 15157           | 97                 | 107                   | 05/21/2004   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | 15161           | 200                | 210                   | 05/21/2004   | E314.0      | Perchlorate                             | 11.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | 15185           | 154                | 164                   | 05/21/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 30.0         |           | UG/L  | 2      |
| J3 RANGE            | 90PZ0211    | 15080           | 83                 | 83                    | 05/20/2004   | E314.0      | Perchlorate                             | 5.0          |           | UG/L  | 2      |
| J3 RANGE            | 90PZ0211    | 15074           | 93                 | 93                    | 05/20/2004   | E314.0      | Perchlorate                             | 5.3          |           | UG/L  | 2      |
| J3 RANGE            | 90PZ0211    | 15076           | 103                | 103                   | 05/20/2004   | E314.0      | Perchlorate                             | 5.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | 15176           | 156                | 166                   | 05/20/2004   | E314.0      | Perchlorate                             | 44.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | 15177           | 156                | 166                   | 05/20/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | 15178           | 156                | 166                   | 05/20/2004   | E314.0      | Perchlorate                             | 43.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | 15179           | 156                | 166                   | 05/20/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| J3 RANGE            | MW-250M3    | 15066           | 95                 | 105                   | 05/19/2004   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| J3 RANGE            | MW-250M2    | 15064           | 145                | 155                   | 05/19/2004   | E314.0      | Perchlorate                             | 6.6          |           | UG/L  | 2      |
| FORMER A RANGE      | MW-206M1    | 14964           | 178.5              | 188.5                 | 05/19/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.2          |           | UG/L  | 2      |
| FORMER A RANGE      | MW-206M1    | 14968           | 178.5              | 188.5                 | 05/19/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | 4036009     | 14951           | 0                  | 0.1                   | 05/19/2004   | E314.0      | Perchlorate                             | 5.4          |           | UG/L  | 2      |
| NORTHWEST CORNER    | 4036009     | 14953           | 0                  | 0.1                   | 05/19/2004   | E314.0      | Perchlorate                             | 5.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | 15097           | 257                | 267                   | 05/19/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | 15099           | 257                | 267                   | 05/19/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-132S     | 14508           | 37                 | 47                    | 05/18/2004   | E314.0      | Perchlorate                             | 13.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | 14240           | 186                | 196                   | 05/18/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 19.0         |           | UG/L  | 2      |
| J3 RANGE            | 90MW0054    | 14300           | 107                | 112                   | 05/17/2004   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |



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| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J3 RANGE            | 90MW0054    | 14301           | 107                | 112                   | 05/17/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| J3 RANGE            | 90MW0022    | 14328           | 112                | 117                   | 05/17/2004   | E314.0      | Perchlorate                             | 3.4          |           | UG/L  | 2      |
| J3 RANGE            | 90MW0022    | 14330           | 112                | 117                   | 05/17/2004   | E314.0      | Perchlorate                             | 3.5          |           | UG/L  | 2      |
| J2 RANGE NORTH      | LRMW0003    | 14730           | 95                 | 105                   | 05/17/2004   | CVOL        | Chloromethane                           | 33.0         | J         | UG/L  | 30     |
| DEMOLITION AREA 1   | MW-34M2     | 14701           | 131                | 141                   | 05/14/2004   | E314.0      | Perchlorate                             | 5.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | 14702           | 131                | 141                   | 05/14/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 14856           | 66                 | 76                    | 05/14/2004   | E314.0      | Perchlorate                             | 11.9         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | 14699           | 151                | 161                   | 05/14/2004   | E314.0      | Perchlorate                             | 5.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | 14700           | 151                | 161                   | 05/14/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.8          |           | UG/L  | 2      |
| J3 RANGE            | MW-247M2    | 14294           | 125                | 135                   | 05/13/2004   | E314.0      | Perchlorate                             | 4.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-247M2    | 14295           | 125                | 135                   | 05/13/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M1    | 14745           | 130                | 140                   | 05/13/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | 14747           | 110                | 120                   | 05/13/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.4          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1    | 13962           | 130                | 140                   | 05/12/2004   | E314.0      | Perchlorate                             | 3.6          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1    | 13963           | 130                | 140                   | 05/12/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1    | 13964           | 130                | 140                   | 05/12/2004   | E314.0      | Perchlorate                             | 3.6          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-234M1    | 13965           | 130                | 140                   | 05/12/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 14388           | 83                 | 88                    | 05/12/2004   | E314.0      | Perchlorate                             | 4.5          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M1    | 14387           | 96                 | 106                   | 05/12/2004   | E314.0      | Perchlorate                             | 5.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | 14385           | 97                 | 102                   | 05/12/2004   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 14383           | 102                | 112                   | 05/12/2004   | E314.0      | Perchlorate                             | 3.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | 14596           | 38                 | 48                    | 05/11/2004   | E314.0      | Perchlorate                             | 58.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | 13495           | 113                | 123                   | 05/11/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 13496           | 98                 | 103                   | 05/11/2004   | E314.0      | Perchlorate                             | 5.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 13497           | 98                 | 103                   | 05/11/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 72.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 13497           | 98                 | 103                   | 05/11/2004   | SW8330      | 2,4,6-Trinitrotoluene                   | 6.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-66S      | 14299           | 125.7              | 135.7                 | 05/10/2004   | E314.0      | Perchlorate                             | 3.0          | J         | UG/L  | 2      |
| J3 RANGE            | MW-143M3    | 14276           | 107                | 112                   | 05/07/2004   | E314.0      | Perchlorate                             | 12.0         | J         | UG/L  | 2      |
| J3 RANGE            | MW-143M3    | 14278           | 107                | 112                   | 05/07/2004   | E314.0      | Perchlorate                             | 12.0         | J         | UG/L  | 2      |
| J3 RANGE            | MW-143M2    | 14274           | 117                | 122                   | 05/07/2004   | E314.0      | Perchlorate                             | 5.7          | J         | UG/L  | 2      |
| J3 RANGE            | MW-143M1    | 14272           | 144                | 154                   | 05/07/2004   | E314.0      | Perchlorate                             | 5.0          | J         | UG/L  | 2      |
| J3 RANGE            | MW-218M2    | 14307           | 98                 | 103                   | 05/06/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0015A   | 14474           | 160.68             | 169.94                | 05/06/2004   | E314.0      | Perchlorate                             | 2.1          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | 14416           | 124                | 134                   | 05/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | 14414           | 170                | 180                   | 05/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.6          |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0009E   | 14254           | 133.4              | 138.4                 | 05/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-101M1    | 14398           | 158                | 168                   | 05/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | 14244           | 240                | 250                   | 05/03/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | 14153           | 254                | 264                   | 05/03/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0016C   | 14165           | 116.7              | 126.33                | 04/30/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M2     | 14236           | 145                | 155                   | 04/30/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | 14238           | 202                | 212                   | 04/30/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.5          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270M1    | 14195           | 74                 | 79                    | 04/29/2004   | E314.0      | Perchlorate                             | 8.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0002    | 14173           | 121.2              | 126.2                 | 04/28/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 18.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | 14145           | 214                | 224                   | 04/27/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | 14027           | 213                | 223                   | 04/27/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.7          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-88M2     | 14029           | 213                | 223                   | 04/27/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-204M1    | 14021           | 141                | 151                   | 04/27/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-43M2     | 14053           | 200                | 210                   | 04/27/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | 14019           | 190                | 200                   | 04/27/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-107M2    | 14003           | 125                | 135                   | 04/26/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02M2     | 14063           | 170                | 175                   | 04/26/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3     | 14040           | 170                | 180                   | 04/26/2004   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | 13976           | 154                | 164                   | 04/23/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 27.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-250M2    | 13981           | 145                | 155                   | 04/22/2004   | E314.0      | Perchlorate                             | 6.3          |           | UG/L  | 2      |
| J3 RANGE            | MW-247M2    | 13969           | 125                | 135                   | 04/22/2004   | E314.0      | Perchlorate                             | 4.4          |           | UG/L  | 2      |
| J3 RANGE            | MW-247M2    | 13970           | 125                | 135                   | 04/22/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| J3 RANGE            | MW-250M1    | 13979           | 185                | 195                   | 04/22/2004   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | 13912           | 105                | 115                   | 04/22/2004   | E314.0      | Perchlorate                             | 93.1         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | 13913           | 105                | 115                   | 04/22/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 160          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-32M      | 13562           | 161.5              | 171.5                 | 04/21/2004   | E314.0      | Perchlorate                             | 4.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | 13914           | 85                 | 95                    | 04/21/2004   | E314.0      | Perchlorate                             | 11.3         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | 13915           | 85                 | 95                    | 04/21/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-32D      | 13561           | 181.5              | 186.5                 | 04/21/2004   | E314.0      | Perchlorate                             | 2.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | 13910           | 125                | 135                   | 04/21/2004   | E314.0      | Perchlorate                             | 17.9         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | 13911           | 125                | 135                   | 04/21/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 38.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | 13572           | 120                | 130                   | 04/19/2004   | E314.0      | Perchlorate                             | 37.7         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | 13573           | 120                | 130                   | 04/19/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 180          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-323S     | 13877           | 73                 | 83                    | 04/19/2004   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M1    | 13570           | 177                | 187                   | 04/19/2004   | E314.0      | Perchlorate                             | 9.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-172M2    | 13846           | 169                | 179                   | 04/19/2004   | E314.0      | Perchlorate                             | 4.4          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-323M2    | 13876           | 120                | 130                   | 04/19/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-162M2    | 13814           | 125.5              | 135.5                 | 04/16/2004   | E314.0      | Perchlorate                             | 4.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 13744           | 66                 | 76                    | 04/15/2004   | E314.0      | Perchlorate                             | 9.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M1    | 13742           | 96                 | 106                   | 04/14/2004   | E314.0      | Perchlorate                             | 6.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | 13740           | 97                 | 102                   | 04/14/2004   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 13743           | 83                 | 88                    | 04/14/2004   | E314.0      | Perchlorate                             | 4.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 13745           | 83                 | 88                    | 04/14/2004   | E314.0      | Perchlorate                             | 4.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 13738           | 102                | 112                   | 04/14/2004   | E314.0      | Perchlorate                             | 3.7          |           | UG/L  | 2      |
| J3 RANGE            | MW-197M2    | 12631           | 80                 | 85                    | 04/13/2004   | E314.0      | Perchlorate                             | 23.3         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 13576           | 124.5              | 134.5                 | 04/09/2004   | E314.0      | Perchlorate                             | 39.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 13577           | 124.5              | 134.5                 | 04/09/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M1    | 13574           | 184.5              | 194.5                 | 04/09/2004   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-75M2     | 13582           | 115                | 125                   | 04/07/2004   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-75M2     | 13586           | 115                | 125                   | 04/07/2004   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | 13548           | 116                | 126                   | 04/07/2004   | E314.0      | Perchlorate                             | 5.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | 13549           | 116                | 126                   | 04/07/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M1    | 13546           | 136                | 146                   | 04/07/2004   | E314.0      | Perchlorate                             | 6.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M1    | 13547           | 136                | 146                   | 04/07/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M2     | 13566           | 115                | 125                   | 04/06/2004   | E314.0      | Perchlorate                             | 8.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M1     | 13564           | 135                | 145                   | 04/06/2004   | E314.0      | Perchlorate                             | 4.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | 13521           | 120                | 130                   | 04/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| DEMOLITION AREA 1   | MW-77M2     | 13520           | 120                | 130                   | 04/05/2004   | E314.0      | Perchlorate                             | 5.7          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M3    | MW-303M3-       | 140                | 150                   | 03/25/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-303M3    | MW-303M3-       | 140                | 150                   | 03/25/2004   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-297S     | 12963           | 72                 | 82                    | 03/23/2004   | E314.0      | Perchlorate                             | 2.4          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-287S     | 12959           | 133                | 143                   | 03/23/2004   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-297M1    | 12961           | 92                 | 102                   | 03/23/2004   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 12931           | 102                | 112                   | 03/17/2004   | E314.0      | Perchlorate                             | 4.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 12941           | 66                 | 76                    | 03/17/2004   | E314.0      | Perchlorate                             | 11.2         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M1    | 12937           | 96                 | 106                   | 03/17/2004   | E314.0      | Perchlorate                             | 4.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | 12935           | 97                 | 102                   | 03/17/2004   | E314.0      | Perchlorate                             | 3.4          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 12939           | 83                 | 88                    | 03/17/2004   | E314.0      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 12943           | 83                 | 88                    | 03/17/2004   | E314.0      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | 12667           | 110                | 120                   | 03/16/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.4          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M1    | 12665           | 130                | 140                   | 03/16/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.7          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-225M3    | 12811           | 125                | 135                   | 03/15/2004   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-218M2    | 12657           | 98                 | 103                   | 03/15/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-223M2    | 12623           | 185                | 195                   | 03/12/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-223M2    | 12625           | 185                | 195                   | 03/12/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | 12637           | 156                | 166                   | 03/11/2004   | E314.0      | Perchlorate                             | 23.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | 12641           | 200                | 210                   | 03/10/2004   | E314.0      | Perchlorate                             | 9.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2    | 12528           | 45                 | 55                    | 03/10/2004   | E314.0      | Perchlorate                             | 3.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-32D      | 12764           | 181.5              | 186.5                 | 03/10/2004   | E314.0      | Perchlorate                             | 2.2          | J         | UG/L  | 2      |
| J2 RANGE NORTH      | MW-130S     | 11231           | 103                | 113                   | 03/10/2004   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| FORMER A RANGE      | MW-206M1    | 12627           | 178.5              | 188.5                 | 03/09/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-302M2    | MW-302M2-FD     | 194.35             | 204.43                | 03/09/2004   | E314.0      | Perchlorate                             | 7.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-187D     | 10985           | 306                | 316                   | 03/05/2004   | C200.7      | Sodium                                  | 24100        |           | UG/L  | 20000  |
| DEMOLITION AREA 1   | MW-34M1     | 12292           | 151                | 161                   | 03/05/2004   | E314.0      | Perchlorate                             | 3.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | 12293           | 151                | 161                   | 03/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | 12294           | 131                | 141                   | 03/05/2004   | E314.0      | Perchlorate                             | 7.0          |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0009E   | 12371           | 133.4              | 138.4                 | 03/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.6          |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0009E   | 12373           | 133.4              | 138.4                 | 03/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-32M      | 12285           | 161.5              | 171.5                 | 03/04/2004   | E314.0      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | 12515           | 225                | 235                   | 03/03/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-36M2     | 12299           | 131                | 141                   | 03/03/2004   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-36M2     | 12301           | 131                | 141                   | 03/03/2004   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-107M2    | 10755           | 125                | 135                   | 03/02/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0002    | 12362           | 121.2              | 126.2                 | 03/02/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 21.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-2        | 12395           | 175                | 185                   | 03/02/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 16.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-85M1     | 12338           | 137.5              | 147.5                 | 03/02/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-85M1     | 12342           | 137.5              | 147.5                 | 03/02/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-1        | 12393           | 126                | 136                   | 03/02/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-37M3     | 12310           | 130                | 140                   | 03/01/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 11970           | 124.5              | 134.5                 | 03/01/2004   | E314.0      | Perchlorate                             | 50.9         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 11971           | 124.5              | 134.5                 | 03/01/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 11974           | 124.5              | 134.5                 | 03/01/2004   | E314.0      | Perchlorate                             | 50.9         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 11975           | 124.5              | 134.5                 | 03/01/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-37M2     | 12312           | 145                | 155                   | 03/01/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-162M2    | 11964           | 125.5              | 135.5                 | 03/01/2004   | E314.0      | Perchlorate                             | 3.9          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M1    | 11968           | 184.5              | 194.5                 | 03/01/2004   | E314.0      | Perchlorate                             | 3.2          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 12282           | 98                 | 103                   | 02/28/2004   | E314.0      | Perchlorate                             | 7.8          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 12283           | 98                 | 103                   | 02/28/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 21.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 12283           | 98                 | 103                   | 02/28/2004   | SW8330      | 2,4,6-Trinitrotoluene                   | 5.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-73S      | 12328           | 38.5               | 48.5                  | 02/28/2004   | E314.0      | Perchlorate                             | 3.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-73S      | 12329           | 38.5               | 48.5                  | 02/28/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 18.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | 12276           | 38                 | 48                    | 02/28/2004   | E314.0      | Perchlorate                             | 2.7          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | 12277           | 38                 | 48                    | 02/28/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 65.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02M2     | 12309           | 170                | 175                   | 02/27/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-203M2    | 12350           | 176                | 186                   | 02/26/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-293M2    | MW-293M2-FD     | 196.42             | 206.42                | 02/26/2004   | E314.0      | Perchlorate                             | 44.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3     | 12314           | 170                | 180                   | 02/26/2004   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-101M1    | 11109           | 158                | 168                   | 02/26/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-101M1    | 11113           | 158                | 168                   | 02/26/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-301S     | 12205           | 97                 | 107                   | 02/25/2004   | E314.0      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | 12303           | 160                | 165                   | 02/25/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01S      | 12305           | 114                | 124                   | 02/25/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-75M2     | 12270           | 115                | 125                   | 02/25/2004   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-75M2     | 12274           | 115                | 125                   | 02/25/2004   | E314.0      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M2     | 11993           | 115                | 125                   | 02/24/2004   | E314.0      | Perchlorate                             | 8.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M2     | 11997           | 115                | 125                   | 02/24/2004   | E314.0      | Perchlorate                             | 8.2          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | 11983           | 85                 | 95                    | 02/24/2004   | E314.0      | Perchlorate                             | 19.1         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | 11984           | 85                 | 95                    | 02/24/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 28.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | 11981           | 105                | 115                   | 02/24/2004   | E314.0      | Perchlorate                             | 115          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | 11982           | 105                | 115                   | 02/24/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 160          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | 11979           | 125                | 135                   | 02/24/2004   | E314.0      | Perchlorate                             | 16.4         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | 11980           | 125                | 135                   | 02/24/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 51.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M1     | 11991           | 135                | 145                   | 02/23/2004   | E314.0      | Perchlorate                             | 4.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-66M2     | 12014           | 140.8              | 150.8                 | 02/23/2004   | E314.0      | Perchlorate                             | 2.3          | J         | UG/L  | 2      |
| NORTHWEST CORNER    | MW-66M2     | 12016           | 140.8              | 150.8                 | 02/23/2004   | E314.0      | Perchlorate                             | 2.3          | J         | UG/L  | 2      |
| NORTHWEST CORNER    | MW-66S      | 12015           | 125.7              | 135.7                 | 02/23/2004   | E314.0      | Perchlorate                             | 3.2          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | 12172           | 202                | 212                   | 02/20/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | 12025           | 170                | 180                   | 02/20/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | 12029           | 170                | 180                   | 02/20/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | 12026           | 124                | 134                   | 02/20/2004   | E314.0      | Perchlorate                             | 2.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | 12027           | 124                | 134                   | 02/20/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| J1 RANGE NORTH      | MW-166M1    | 11243           | 218                | 223                   | 02/20/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-112M2    | 12033           | 165                | 175                   | 02/19/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 12095           | 83                 | 88                    | 02/19/2004   | E314.0      | Perchlorate                             | 3.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 12097           | 66                 | 76                    | 02/19/2004   | E314.0      | Perchlorate                             | 11.4         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | 12090           | 97                 | 102                   | 02/19/2004   | E314.0      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | 12035           | 190                | 200                   | 02/19/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | 12036           | 190                | 200                   | 02/19/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.3          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M1    | 12093           | 96                 | 106                   | 02/18/2004   | E314.0      | Perchlorate                             | 3.3          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| NORTHWEST CORNER    | MW-277S     | 12087           | 102                | 112                   | 02/18/2004   | E314.0      | Perchlorate                             | 4.1          |           | UG/L  | 2      |
| J3 RANGE            | 90MW0054    | 12135           | 107                | 112                   | 02/18/2004   | E314.0      | Perchlorate                             | 4.2          |           | UG/L  | 2      |
| J3 RANGE            | 90MW0054    | 12136           | 107                | 112                   | 02/18/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | 4036009     | 12071           | 0                  | 0.1                   | 02/17/2004   | E314.0      | Perchlorate                             | 5.1          |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | 11966           | 38                 | 48                    | 02/13/2004   | E314.0      | Perchlorate                             | 41.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | 11967           | 38                 | 48                    | 02/13/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | 11854           | 240                | 250                   | 02/13/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | 11846           | 254                | 264                   | 02/12/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | 11871           | 225                | 235                   | 02/12/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | 11987           | 120                | 130                   | 02/12/2004   | E314.0      | Perchlorate                             | 5.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | 11988           | 120                | 130                   | 02/12/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | 11926           | 116                | 126                   | 02/10/2004   | E314.0      | Perchlorate                             | 5.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | 11927           | 116                | 126                   | 02/10/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-172M2    | 11932           | 169                | 179                   | 02/10/2004   | E314.0      | Perchlorate                             | 4.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-172M2    | 11934           | 169                | 179                   | 02/10/2004   | E314.0      | Perchlorate                             | 4.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M1    | 11924           | 136                | 146                   | 02/10/2004   | E314.0      | Perchlorate                             | 6.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M1    | 11925           | 136                | 146                   | 02/10/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| J3 RANGE            | MW-196S     | 11480           | 32                 | 37                    | 02/10/2004   | SW8330      | 2,4,6-Trinitrotoluene                   | 14.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M1     | 11382           | 185                | 195                   | 02/09/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | 11812           | 186                | 196                   | 02/09/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 21.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | 11810           | 120                | 130                   | 02/09/2004   | E314.0      | Perchlorate                             | 42.3         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | 11811           | 120                | 130                   | 02/09/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 210          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M1    | 11808           | 177                | 187                   | 02/09/2004   | E314.0      | Perchlorate                             | 13.4         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | 11476           | 70                 | 75                    | 02/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | 11474           | 100                | 105                   | 02/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | 11471           | 120                | 125                   | 02/05/2004   | E314.0      | Perchlorate                             | 280          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | 11472           | 120                | 125                   | 02/05/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M1    | 11576           | 200                | 210                   | 02/04/2004   | E314.0      | Perchlorate                             | 5.6          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M1    | 11706           | 130                | 140                   | 02/03/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| FORMER A RANGE      | MW-206M1    | 11567           | 178.5              | 188.5                 | 02/03/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.4          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | 11708           | 110                | 120                   | 02/03/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.2          |           | UG/L  | 2      |
| J3 RANGE            | MW-218M2    | 11726           | 98                 | 103                   | 02/02/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-223M2    | 11673           | 185                | 195                   | 01/30/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | 11438           | 214                | 224                   | 01/23/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-21S      | 11455           | 164                | 174                   | 01/23/2004   | C200.7      | Sodium                                  | 31600        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | MW-88M2     | 11435           | 213                | 223                   | 01/22/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| L RANGE             | MW-45S      | 11265           | 89                 | 99                    | 01/21/2004   | C200.7      | Arsenic                                 | 27.2         |           | UG/L  | 10     |
| L RANGE             | MW-45S      | 11265           | 89                 | 99                    | 01/21/2004   | C200.7      | Lead                                    | 50.7         |           | UG/L  | 15     |
| CENTRAL IMPACT AREA | MW-204M1    | 11256           | 141                | 151                   | 01/21/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.7          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 11408           | 102                | 112                   | 01/20/2004   | E314.0      | Perchlorate                             | 5.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-201M2    | 11252           | 286                | 296                   | 01/20/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | 11409           | 97                 | 102                   | 01/20/2004   | E314.0      | Perchlorate                             | 5.4          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 11410           | 66                 | 76                    | 01/20/2004   | E314.0      | Perchlorate                             | 17.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-295M1    | 10584           | 145                | 155                   | 01/14/2004   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| J3 RANGE            | MW-295M1    | 10586           | 145                | 155                   | 01/14/2004   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | 10648           | 270                | 280                   | 01/09/2004   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| NORTHWEST CORNER    | MW-270M1    | 11049           | 74                 | 79                    | 01/06/2004   | E314.0      | Perchlorate                             | 11.0         | J         | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270M1    | 11053           | 74                 | 79                    | 01/06/2004   | E314.0      | Perchlorate                             | 11.0         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | 10635           | 257                | 267                   | 12/24/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-297S     | 10582           | 72                 | 82                    | 12/23/2003   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-263M2    | 10573           | 115                | 125                   | 12/22/2003   | E314.0      | Perchlorate                             | 15.0         | J         | UG/L  | 2      |
| L RANGE             | MW-153M1    | 10999           | 199                | 209                   | 12/19/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.3          |           | UG/L  | 2      |
| J1 RANGE NORTH      | MW-191M2    | 10994           | 120                | 130                   | 12/19/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          | D*        | UG/L  | 2      |
| J1 RANGE NORTH      | MW-191M2    | 10998           | 120                | 130                   | 12/19/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          | D*        | UG/L  | 2      |
| J3 RANGE            | MW-148S     | 10666           | 61                 | 71                    | 12/18/2003   | CL200.7     | Sodium                                  | 27800        |           | UG/L  | 20000  |
| J3 RANGE            | MW-132S     | 10740           | 37                 | 47                    | 12/18/2003   | E314.0      | Perchlorate                             | 17.0         | J         | UG/L  | 2      |
| J3 RANGE            | MW-143M3    | 10683           | 107                | 112                   | 12/18/2003   | E314.0      | Perchlorate                             | 3.1          | J         | UG/L  | 2      |
| J3 RANGE            | MW-143M3    | 10685           | 107                | 112                   | 12/18/2003   | E314.0      | Perchlorate                             | 3.0          | J         | UG/L  | 2      |
| J3 RANGE            | MW-144S     | 10670           | 26                 | 36                    | 12/18/2003   | CL200.7     | Sodium                                  | 27800        |           | UG/L  | 20000  |
| J3 RANGE            | MW-143M2    | 10681           | 117                | 122                   | 12/18/2003   | E314.0      | Perchlorate                             | 4.4          | J         | UG/L  | 2      |
| J3 RANGE            | MW-142M2    | 10676           | 140                | 150                   | 12/18/2003   | E314.0      | Perchlorate                             | 2.2          | J         | UG/L  | 2      |
| J3 RANGE            | MW-143M1    | 10679           | 144                | 154                   | 12/18/2003   | E314.0      | Perchlorate                             | 2.6          | J         | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 09504           | 102                | 112                   | 12/12/2003   | E314.0      | Perchlorate                             | 5.3          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 09847           | 66                 | 76                    | 12/10/2003   | E314.0      | Perchlorate                             | 15.7         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 09845           | 83                 | 88                    | 12/10/2003   | E314.0      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M1    | 09843           | 96                 | 106                   | 12/10/2003   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M2     | 07851           | 115                | 125                   | 12/04/2003   | E314.0      | Perchlorate                             | 11.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M1     | 07849           | 135                | 145                   | 12/04/2003   | E314.0      | Perchlorate                             | 5.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-75M2     | 07905           | 115                | 125                   | 12/04/2003   | E314.0      | Perchlorate                             | 4.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | 07855           | 105                | 115                   | 12/03/2003   | E314.0      | Perchlorate                             | 210          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | 07856           | 105                | 115                   | 12/03/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 150          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | 09508           | 97                 | 102                   | 12/03/2003   | E314.0      | Perchlorate                             | 7.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | 09512           | 97                 | 102                   | 12/03/2003   | E314.0      | Perchlorate                             | 7.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-286M2    | 10279           | 205                | 215                   | 12/02/2003   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2    | 10385           | 45                 | 55                    | 12/02/2003   | E314.0      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M3    | 10307           | 200                | 210                   | 12/01/2003   | E314.0      | Perchlorate                             | 9.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | 10305           | 225                | 235                   | 12/01/2003   | E314.0      | Perchlorate                             | 33.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | 10306           | 225                | 235                   | 12/01/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0016C   | 10089           | 116.7              | 126.33                | 11/24/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0016C   | 10090           | 116.7              | 126.33                | 11/24/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| NORTHWEST CORNER    | 4036009     | 10248           | 0                  | 0                     | 11/24/2003   | E314.0      | Perchlorate                             | 4.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-187D     | 09999           | 306                | 316                   | 11/21/2003   | C200.7      | Sodium                                  | 24200        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | MW-38M3     | 10107           | 170                | 180                   | 11/19/2003   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02M2     | 10130           | 170                | 175                   | 11/19/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | 09994           | 190                | 200                   | 11/18/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-32M      | 08653           | 161.5              | 171.5                 | 11/18/2003   | E314.0      | Perchlorate                             | 2.6          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-32M      | 08655           | 161.5              | 171.5                 | 11/18/2003   | E314.0      | Perchlorate                             | 2.8          | J         | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0009E   | 10087           | 133.4              | 138.4                 | 11/18/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-32S      | 08654           | 146.5              | 151.5                 | 11/18/2003   | E314.0      | Perchlorate                             | 2.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-32D      | 08652           | 181.5              | 186.5                 | 11/18/2003   | E314.0      | Perchlorate                             | 2.2          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0001    | 09368           | 121.8              | 126.8                 | 11/18/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | 09963           | 160                | 165                   | 11/17/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.4          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-178M1    | 09988           | 257                | 267                   | 11/17/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01S      | 09965           | 114                | 124                   | 11/14/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | 09674           | 124                | 134                   | 11/14/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 16.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | 09672           | 170                | 180                   | 11/14/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-2        | 09871           | 175                | 185                   | 11/13/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-1        | 09869           | 126                | 136                   | 11/13/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | 09851           | 131                | 141                   | 11/12/2003   | E314.0      | Perchlorate                             | 7.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | 09852           | 131                | 141                   | 11/12/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-36M2     | 09806           | 131                | 141                   | 11/12/2003   | E314.0      | Perchlorate                             | 4.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | 09849           | 151                | 161                   | 11/12/2003   | E314.0      | Perchlorate                             | 6.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | 09850           | 151                | 161                   | 11/12/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.9          |           | UG/L  | 2      |
| J1 RANGE NORTH      | MW-166M1    | 09751           | 218                | 223                   | 11/11/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.8          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-130S     | 09466           | 103                | 113                   | 11/10/2003   | E314.0      | Perchlorate                             | 2.4          |           | UG/L  | 2      |
| J3 RANGE            | MW-196S     | 09114           | 32                 | 37                    | 11/07/2003   | SW8330      | 2,4,6-Trinitrotoluene                   | 12.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | 09559           | 70                 | 75                    | 11/05/2003   | E314.0      | Perchlorate                             | 100          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | 09560           | 70                 | 75                    | 11/05/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | 09557           | 100                | 105                   | 11/05/2003   | E314.0      | Perchlorate                             | 310          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | 09558           | 100                | 105                   | 11/05/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 20.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | 09561           | 100                | 105                   | 11/05/2003   | E314.0      | Perchlorate                             | 320          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | 09562           | 100                | 105                   | 11/05/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 20.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | 09555           | 120                | 125                   | 11/04/2003   | E314.0      | Perchlorate                             | 54.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-145S     | 09480           | 30                 | 40                    | 11/04/2003   | CL200.7     | Sodium                                  | 77200        |           | UG/L  | 20000  |
| J3 RANGE            | MW-132S     | 09475           | 37                 | 47                    | 11/04/2003   | E314.0      | Perchlorate                             | 11.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | 07361           | 38                 | 48                    | 11/04/2003   | E314.0      | Perchlorate                             | 31.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | 07362           | 38                 | 48                    | 11/04/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.1          |           | UG/L  | 2      |
| L RANGE             | MW-153M1    | 09385           | 199                | 209                   | 10/30/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-112M2    | 09346           | 165                | 175                   | 10/30/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | 09356           | 186                | 196                   | 10/30/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 22.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | 08362           | 240                | 250                   | 10/29/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M2     | 08971           | 145                | 155                   | 10/23/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M1     | 08969           | 185                | 195                   | 10/22/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | 08464           | 194                | 204                   | 10/17/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| J3 RANGE            | MW-144S     | 08903           | 26                 | 36                    | 10/16/2003   | CL200.7     | Sodium                                  | 31400        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | MW-88M2     | 08893           | 213                | 223                   | 10/16/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | 08457           | 202                | 212                   | 10/15/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-172M2    | 08646           | 169                | 179                   | 10/15/2003   | E314.0      | Perchlorate                             | 6.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | 08354           | 254                | 264                   | 10/15/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0002    | 08396           | 121.2              | 126.2                 | 10/10/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 20.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-139M2    | 08490           | 154                | 164                   | 10/10/2003   | E314.0      | Perchlorate                             | 13.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | 08470           | 214                | 224                   | 10/10/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-162M2    | 08495           | 125.5              | 135.5                 | 10/10/2003   | E314.0      | Perchlorate                             | 4.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M1     | 08468           | 234                | 244                   | 10/10/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0015B   | 08400           | 130.96             | 140.22                | 10/09/2003   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-176M1    | 08283           | 270                | 280                   | 10/08/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | 08117           | 225                | 235                   | 10/07/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| J3 RANGE            | 90MW0054    | 08065           | 107                | 112                   | 10/04/2003   | E314.0      | Perchlorate                             | 4.3          | J         | UG/L  | 2      |

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**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J3 RANGE            | 90MW0054    | 08066           | 107                | 112                   | 10/04/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| J3 RANGE            | 90MW0054    | 08067           | 107                | 112                   | 10/04/2003   | E314.0      | Perchlorate                             | 4.4          | J         | UG/L  | 2      |
| J3 RANGE            | 90MW0054    | 08068           | 107                | 112                   | 10/04/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| DEMOLITION AREA 2   | MW-16S      | 07735           | 125                | 135                   | 10/03/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-21S      | 08058           | 164                | 174                   | 10/02/2003   | CL200.7     | Sodium                                  | 20200        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | MW-99M1     | 08078           | 195                | 205                   | 10/02/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | 08033           | 116                | 126                   | 10/02/2003   | E314.0      | Perchlorate                             | 6.7          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | 08034           | 116                | 126                   | 10/02/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M1    | 08031           | 136                | 146                   | 10/02/2003   | E314.0      | Perchlorate                             | 8.5          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M1    | 08073           | 177                | 187                   | 10/02/2003   | E314.0      | Perchlorate                             | 7.7          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | 08075           | 120                | 130                   | 10/01/2003   | E314.0      | Perchlorate                             | 52.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | 08076           | 120                | 130                   | 10/01/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 220          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-37M2     | 08061           | 145                | 155                   | 10/01/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270S     | 07651           | 22                 | 32                    | 09/30/2003   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270M1    | 07647           | 74                 | 79                    | 09/30/2003   | E314.0      | Perchlorate                             | 11.0         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270M1    | 07653           | 74                 | 79                    | 09/30/2003   | E314.0      | Perchlorate                             | 11.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | 07873           | 85                 | 95                    | 09/27/2003   | E314.0      | Perchlorate                             | 19.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | 07874           | 85                 | 95                    | 09/27/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 18.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | 07877           | 120                | 130                   | 09/27/2003   | E314.0      | Perchlorate                             | 9.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | 07878           | 120                | 130                   | 09/27/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | 07871           | 125                | 135                   | 09/27/2003   | E314.0      | Perchlorate                             | 97.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | 07872           | 125                | 135                   | 09/27/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 170          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | 07869           | 113                | 123                   | 09/27/2003   | E314.0      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 07857           | 98                 | 103                   | 09/27/2003   | E314.0      | Perchlorate                             | 4.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 07858           | 98                 | 103                   | 09/27/2003   | SW8330      | 2,4,6-Trinitrotoluene                   | 5.2          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 07858           | 98                 | 103                   | 09/27/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 63.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 07859           | 98                 | 103                   | 09/27/2003   | E314.0      | Perchlorate                             | 5.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 07860           | 98                 | 103                   | 09/27/2003   | SW8330      | 2,4,6-Trinitrotoluene                   | 5.2          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 07860           | 98                 | 103                   | 09/27/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 62.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-73S      | 07891           | 38.5               | 48.5                  | 09/27/2003   | E314.0      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-73S      | 07892           | 38.5               | 48.5                  | 09/27/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | 07861           | 38                 | 48                    | 09/27/2003   | E314.0      | Perchlorate                             | 7.8          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | 07862           | 38                 | 48                    | 09/27/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 80.0         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-284M2    | 07476           | 45                 | 55                    | 09/12/2003   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 07365           | 124.5              | 134.5                 | 09/11/2003   | E314.0      | Perchlorate                             | 57.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 07366           | 124.5              | 134.5                 | 09/11/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 07367           | 124.5              | 134.5                 | 09/11/2003   | E314.0      | Perchlorate                             | 58.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 07368           | 124.5              | 134.5                 | 09/11/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| J3 RANGE            | 90PZ0211    | 07467           | 83                 | 83                    | 09/11/2003   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| J3 RANGE            | 90PZ0211    | 07469           | 93                 | 93                    | 09/11/2003   | E314.0      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| J3 RANGE            | 90PZ0211    | 07473           | 93                 | 93                    | 09/11/2003   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| J3 RANGE            | 90PZ0211    | 07471           | 103                | 103                   | 09/11/2003   | E314.0      | Perchlorate                             | 3.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M1    | 07363           | 184.5              | 194.5                 | 09/10/2003   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| L RANGE             | 90WT0013    | 07121           | 92                 | 102                   | 09/08/2003   | E314.0      | Perchlorate                             | 2.8          | J         | UG/L  | 2      |
| NORTHWEST CORNER    | 4036009     | 06604           | 0                  | 0                     | 09/03/2003   | E314.0      | Perchlorate                             | 4.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-204M1    | 07114           | 141                | 151                   | 09/02/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.5          |           | UG/L  | 2      |



**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-201M2    | 07113           | 286                | 296                   | 09/02/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| J3 RANGE            | MW-143M3    | 07007           | 107                | 112                   | 08/28/2003   | E314.0      | Perchlorate                             | 2.4          |           | UG/L  | 2      |
| J3 RANGE            | MW-143M3    | 07009           | 107                | 112                   | 08/28/2003   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| J3 RANGE            | MW-143M2    | 07005           | 117                | 122                   | 08/28/2003   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-263M2    | 06907           | 115                | 125                   | 08/25/2003   | E314.0      | Perchlorate                             | 8.7          |           | UG/L  | 2      |
| DEMOLITION AREA 2   | MW-262M1    | 06600           | 226                | 236                   | 08/12/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| DEMOLITION AREA 2   | MW-262M1    | 06602           | 226                | 236                   | 08/12/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| J3 RANGE            | MW-196S     | 06700           | 32                 | 37                    | 08/12/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          | J         | UG/L  | 2      |
| J3 RANGE            | MW-196S     | 06700           | 32                 | 37                    | 08/12/2003   | SW8330      | 2,4,6-Trinitrotoluene                   | 5.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0001    | 06025           | 121.8              | 126.8                 | 08/08/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         |           | UG/L  | 2      |
| WESTERN BOUNDARY    | MW-267M1    | 06449           | 248                | 258                   | 07/30/2003   | E314.0      | Perchlorate                             | 2.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279S     | 06445           | 66                 | 76                    | 07/30/2003   | E314.0      | Perchlorate                             | 16.7         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 06443           | 83                 | 88                    | 07/30/2003   | E314.0      | Perchlorate                             | 6.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M2    | 06447           | 83                 | 88                    | 07/30/2003   | E314.0      | Perchlorate                             | 6.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-279M1    | 06441           | 96                 | 106                   | 07/30/2003   | E314.0      | Perchlorate                             | 2.7          |           | UG/L  | 2      |
| L RANGE             | MW-45S      | 06420           | 89                 | 99                    | 07/28/2003   | C200.7      | Arsenic                                 | 40.1         |           | UG/L  | 10     |
| L RANGE             | MW-45S      | 06420           | 89                 | 99                    | 07/28/2003   | C200.7      | Lead                                    | 326          |           | UG/L  | 15     |
| CENTRAL IMPACT AREA | PW-1        | 06389           | 165.5              | 205.5                 | 07/23/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | PW-1        | 06387           | 165.5              | 205.5                 | 07/23/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02M2     | 06223           | 170                | 175                   | 07/18/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278S     | 06317           | 80                 | 90                    | 07/18/2003   | E314.0      | Perchlorate                             | 19.3         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | 06315           | 97                 | 102                   | 07/16/2003   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-278M2    | 06319           | 97                 | 102                   | 07/16/2003   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-277S     | 06309           | 102                | 112                   | 07/10/2003   | E314.0      | Perchlorate                             | 6.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-187D     | 05534           | 306                | 316                   | 07/07/2003   | C200.7      | Sodium                                  | 22700        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | MW-07M1     | 05578           | 240                | 245                   | 07/07/2003   | CL200.7     | Arsenic                                 | 22.2         |           | UG/L  | 10     |
| CS-19 (ARNG)        | 58MW0009E   | 06144           | 133.4              | 138.4                 | 07/03/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0009E   | 06146           | 133.4              | 138.4                 | 07/03/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| J1 RANGE NORTH      | MW-166M3    | 06002           | 125                | 135                   | 07/02/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| J1 RANGE NORTH      | MW-166M1    | 05998           | 218                | 223                   | 07/01/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | 06084           | 154                | 164                   | 06/27/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-204M1    | 06049           | 141                | 151                   | 06/26/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.1          |           | UG/L  | 2      |
| L RANGE             | MW-153M1    | 05972           | 199                | 209                   | 06/24/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| J3 RANGE            | MW-247M2    | 05909           | 125                | 135                   | 06/23/2003   | E314.0      | Perchlorate                             | 5.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-250M2    | 05918           | 145                | 155                   | 06/23/2003   | E314.0      | Perchlorate                             | 6.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-270M1    | 05615           | 132                | 137                   | 06/16/2003   | E314.0      | Perchlorate                             | 9.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | 05348           | 240                | 250                   | 06/12/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | 05282           | 257                | 267                   | 06/10/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0011D   | 03995           | 175.4              | 180.4                 | 06/09/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| L RANGE             | MW-45S      | 05227           | 89                 | 99                    | 06/09/2003   | C200.7      | Arsenic                                 | 32.9         |           | UG/L  | 10     |
| L RANGE             | MW-45S      | 05227           | 89                 | 99                    | 06/09/2003   | C200.7      | Lead                                    | 619          |           | UG/L  | 15     |
| L RANGE             | MW-45S      | 05386           | 89                 | 99                    | 06/09/2003   | CL200.7     | Arsenic                                 | 23.9         |           | UG/L  | 10     |
| L RANGE             | MW-45S      | 05386           | 89                 | 99                    | 06/09/2003   | CL200.7     | Lead                                    | 516          |           | UG/L  | 15     |
| J1 RANGE NORTH      | MW-168M1    | 05233           | 256                | 266                   | 06/06/2003   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 6.8          | J         | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-164M2    | 05238           | 157                | 167                   | 06/06/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | 05118           | 254                | 264                   | 06/05/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J3 RANGE            | MW-143M3    | 03982           | 107                | 112                   | 06/04/2003   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | 05150           | 70                 | 75                    | 06/04/2003   | E314.0      | Perchlorate                             | 46.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | 05148           | 100                | 105                   | 06/04/2003   | E314.0      | Perchlorate                             | 310          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | 05149           | 100                | 105                   | 06/04/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 15.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | 05146           | 120                | 125                   | 06/04/2003   | E314.0      | Perchlorate                             | 23.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-201M2    | 05079           | 286                | 296                   | 06/03/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-201M2    | 05081           | 286                | 296                   | 06/03/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-99M1     | 04454           | 195                | 205                   | 06/02/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| J3 RANGE            | MW-143M2    | 03980           | 117                | 122                   | 06/02/2003   | E314.0      | Perchlorate                             | 3.6          |           | UG/L  | 2      |
| WESTERN BOUNDARY    | MW-267M1    | 05029           | 248                | 258                   | 05/30/2003   | E314.0      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | 04941           | 120                | 130                   | 05/27/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 200          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | 04941           | 120                | 130                   | 05/27/2003   | E314.0      | Perchlorate                             | 56.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M1    | 04939           | 177                | 187                   | 05/27/2003   | E314.0      | Perchlorate                             | 9.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-271      | 04720           | 200                | 200                   | 05/23/2003   | SW8330      | 2,4,6-Trinitrotoluene                   | 2.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-271      | 04716           | 180                | 180                   | 05/22/2003   | SW8330      | 2,4,6-Trinitrotoluene                   | 2.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-271      | 04708           | 140                | 140                   | 05/22/2003   | SW8330      | 2,4,6-Trinitrotoluene                   | 4.0          | J         | UG/L  | 2      |
| J2 RANGE NORTH      | MW-263M2    | 04906           | 115                | 125                   | 05/22/2003   | E314.0      | Perchlorate                             | 3.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-271      | 04706           | 130                | 130                   | 05/22/2003   | SW8330      | 2,4,6-Trinitrotoluene                   | 2.9          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-271      | 04704           | 120                | 120                   | 05/21/2003   | SW8330      | 2,4,6-Trinitrotoluene                   | 23.0         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | 04564           | 124                | 134                   | 05/21/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | 04564           | 124                | 134                   | 05/21/2003   | E314.0      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | 04801           | 186                | 196                   | 05/21/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 24.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | 04805           | 186                | 196                   | 05/21/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 24.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | 04562           | 170                | 180                   | 05/19/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M3    | 04467           | 200                | 210                   | 05/15/2003   | E314.0      | Perchlorate                             | 4.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | 04465           | 225                | 235                   | 05/15/2003   | E314.0      | Perchlorate                             | 30.4         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-265M2    | 04466           | 225                | 235                   | 05/15/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01S      | 04255           | 114                | 124                   | 05/14/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | 04253           | 160                | 165                   | 05/13/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.7          |           | UG/L  | 2      |
| J3 RANGE            | MW-232M1    | 04276           | 77.5               | 82.5                  | 05/12/2003   | E314.0      | Perchlorate                             | 4.3          |           | UG/L  | 2      |
| J3 RANGE            | MW-232M1    | 04385           | 77.5               | 82.5                  | 05/12/2003   | E314.0      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0015A   | 03998           | 160.68             | 169.94                | 05/09/2003   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| J3 RANGE            | 90MW0054    | 02565           | 107                | 112                   | 05/01/2003   | E314.0      | Perchlorate                             | 7.5          |           | UG/L  | 2      |
| J3 RANGE            | 90MW0054    | 02566           | 107                | 112                   | 05/01/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | 03569           | 190                | 200                   | 04/30/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | 03571           | 190                | 200                   | 04/30/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-112M2    | 03565           | 165                | 175                   | 04/25/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | 03390           | 214                | 224                   | 04/17/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | 03146           | 202                | 212                   | 04/11/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | 03152           | 202                | 212                   | 04/11/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-37M2     | 02926           | 145                | 155                   | 04/10/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-107M2    | 02985           | 125                | 135                   | 04/09/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-35M1     | 02999           | 155                | 165                   | 04/08/2003   | E314.0      | Perchlorate                             | 3.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | 03010           | 194                | 204                   | 04/07/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | 02914           | 225                | 235                   | 04/07/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-66S      | 02670           | 125.7              | 135.7                 | 04/03/2003   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-88M2     | 02676           | 213                | 223                   | 04/02/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-85M1     | 02672           | 137.5              | 147.5                 | 04/01/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-32M      | 02493           | 161.5              | 171.5                 | 03/31/2003   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M1     | 02680           | 185                | 195                   | 03/31/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M2     | 02682           | 145                | 155                   | 03/28/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-172M2    | 02546           | 169                | 179                   | 03/28/2003   | E314.0      | Perchlorate                             | 6.8          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 02490           | 98                 | 103                   | 03/28/2003   | E314.0      | Perchlorate                             | 10.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 02491           | 98                 | 103                   | 03/28/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 86.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | 02491           | 98                 | 103                   | 03/28/2003   | SW8330      | 2,4,6-Trinitrotoluene                   | 5.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 02529           | 124.5              | 134.5                 | 03/27/2003   | E314.0      | Perchlorate                             | 110          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | 02530           | 124.5              | 134.5                 | 03/27/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 35.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | 02489           | 113                | 123                   | 03/27/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M1    | 02527           | 184.5              | 194.5                 | 03/27/2003   | E314.0      | Perchlorate                             | 4.0          | J         | UG/L  | 2      |
| J2 RANGE NORTH      | MW-130S     | 02610           | 103                | 113                   | 03/27/2003   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | 02641           | 38                 | 48                    | 03/27/2003   | E314.0      | Perchlorate                             | 44.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | 02642           | 38                 | 48                    | 03/27/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M2     | 02599           | 115                | 125                   | 03/27/2003   | E314.0      | Perchlorate                             | 4.7          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-162M2    | 02522           | 125.5              | 135.5                 | 03/27/2003   | E314.0      | Perchlorate                             | 3.5          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-162M2    | 02525           | 125.5              | 135.5                 | 03/27/2003   | E314.0      | Perchlorate                             | 3.4          | J         | UG/L  | 2      |
| J3 RANGE            | MW-132S     | 02613           | 37                 | 47                    | 03/27/2003   | E314.0      | Perchlorate                             | 17.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M1     | 02597           | 135                | 145                   | 03/26/2003   | E314.0      | Perchlorate                             | 4.9          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | 02593           | 120                | 130                   | 03/26/2003   | E314.0      | Perchlorate                             | 5.4          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | 02594           | 120                | 130                   | 03/26/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | 02585           | 105                | 115                   | 03/26/2003   | E314.0      | Perchlorate                             | 500          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | 02586           | 105                | 115                   | 03/26/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 220          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | 02589           | 105                | 115                   | 03/26/2003   | E314.0      | Perchlorate                             | 500          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | 02590           | 105                | 115                   | 03/26/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 220          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-75M2     | 02579           | 115                | 125                   | 03/26/2003   | E314.0      | Perchlorate                             | 6.8          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | 02583           | 125                | 135                   | 03/25/2003   | E314.0      | Perchlorate                             | 200          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | 02584           | 125                | 135                   | 03/25/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 110          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-36M2     | 02509           | 131                | 141                   | 03/25/2003   | E314.0      | Perchlorate                             | 3.7          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | 02517           | 116                | 126                   | 03/24/2003   | E314.0      | Perchlorate                             | 14.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | 02518           | 116                | 126                   | 03/24/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | 02500           | 131                | 141                   | 03/24/2003   | E314.0      | Perchlorate                             | 10.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | 02498           | 151                | 161                   | 03/24/2003   | E314.0      | Perchlorate                             | 8.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | 02499           | 151                | 161                   | 03/24/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M1    | 02515           | 136                | 146                   | 03/21/2003   | E314.0      | Perchlorate                             | 5.9          | J         | UG/L  | 2      |
| J3 RANGE            | MW-247M2    | 02427           | 125                | 135                   | 03/20/2003   | E314.0      | Perchlorate                             | 5.7          |           | UG/L  | 2      |
| J3 RANGE            | MW-250M2    | 02442           | 145                | 155                   | 03/19/2003   | E314.0      | Perchlorate                             | 6.7          |           | UG/L  | 2      |
| J3 RANGE            | MW-250M1    | 02439           | 185                | 195                   | 03/19/2003   | E314.0      | Perchlorate                             | 2.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-218M2    | 01468           | 98                 | 103                   | 03/12/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | 01964           | 154                | 164                   | 03/04/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         | J         | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2    | 01607           | 205                | 215                   | 03/03/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          | J         | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2    | 01607           | 205                | 215                   | 03/03/2003   | CL200.7     | Thallium                                | 3.4          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M2    | 01586           | 175                | 185                   | 02/28/2003   | E314.0      | Perchlorate                             | 3.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-223M2    | 01572           | 185                | 195                   | 02/28/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          | J         | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J3 RANGE            | MW-232M1    | 01533           | 77.5               | 82.5                  | 02/11/2003   | E314.0      | Perchlorate                             | 3.4          | J         | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | 01482           | 110                | 120                   | 02/10/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.0          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M1    | 01479           | 130                | 140                   | 02/10/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          | J         | UG/L  | 2      |
| J3 RANGE            | MW-227M1    | 01490           | 130                | 140                   | 02/10/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-33D      | 01407           | 181.5              | 186.5                 | 02/06/2003   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| FORMER A RANGE      | MW-206M1    | 01486           | 178.5              | 188.5                 | 02/05/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0015A   | 01432           | 160.68             | 169.94                | 02/05/2003   | E314.0      | Perchlorate                             | 2.5          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-47M2     | 01331           | 131.5              | 141.5                 | 02/05/2003   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 9.6          | J         | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-95M1     | 01447           | 202                | 212                   | 02/04/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M1     | 01337           | 185                | 195                   | 02/03/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M2     | 01339           | 145                | 155                   | 02/03/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M2     | 01341           | 145                | 155                   | 02/03/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-37M2     | 01355           | 145                | 155                   | 01/31/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | 01334           | 124                | 134                   | 01/31/2003   | E314.0      | Perchlorate                             | 2.8          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | 01335           | 124                | 134                   | 01/31/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 17.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | 01333           | 170                | 180                   | 01/31/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | 01309           | 225                | 235                   | 01/30/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.2          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-66S      | 01274           | 125.7              | 135.7                 | 01/30/2003   | E314.0      | Perchlorate                             | 3.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-32S      | 01316           | 146.5              | 151.5                 | 01/29/2003   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-32M      | 01315           | 161.5              | 171.5                 | 01/29/2003   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-32M      | 01320           | 161.5              | 171.5                 | 01/29/2003   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-2        | 00879           | 175                | 185                   | 01/23/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-90S      | 01099           | 118                | 128                   | 01/23/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02M2     | 00950           | 170                | 175                   | 01/16/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02M2     | 00952           | 170                | 175                   | 01/16/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-1        | 00876           | 126                | 136                   | 01/16/2003   | E314.0      | Perchlorate                             | 3.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-1        | 00877           | 126                | 136                   | 01/16/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | 01080           | 214                | 224                   | 01/16/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | 00905           | 213                | 223                   | 01/16/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | 00884           | 160                | 165                   | 01/15/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | 00901           | 194                | 204                   | 01/15/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| L RANGE             | 90MW0041    | 00811           | 125.37             | 130.23                | 01/13/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | 00791           | 257                | 267                   | 01/13/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-164M2    | 00685           | 157                | 167                   | 01/08/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.8          | J         | UG/L  | 2      |
| J3 RANGE            | MW-163S     | 00740           | 38                 | 48                    | 01/08/2003   | E314.0      | Perchlorate                             | 62.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | 00741           | 38                 | 48                    | 01/08/2003   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| NORTHWEST CORNER    | 4036009     | 00732           | 0                  | 0                     | 01/08/2003   | E314.0      | Perchlorate                             | 6.1          |           | UG/L  | 2      |
| NORTHWEST CORNER    | 4036009     | 00733           | 0                  | 0                     | 01/08/2003   | E314.0      | Perchlorate                             | 6.0          |           | UG/L  | 2      |
| J3 RANGE            | MW-250M2    | 00640           | 145                | 155                   | 01/06/2003   | E314.0      | Perchlorate                             | 7.0          |           | UG/L  | 2      |
| J3 RANGE            | MW-250M1    | 00637           | 185                | 195                   | 01/06/2003   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| J3 RANGE            | MW-247M2    | 00628           | 125                | 135                   | 01/06/2003   | E314.0      | Perchlorate                             | 5.2          |           | UG/L  | 2      |
| J3 RANGE            | MW-247M2    | 00634           | 125                | 135                   | 01/06/2003   | E314.0      | Perchlorate                             | 5.4          |           | UG/L  | 2      |
| J3 RANGE            | 90MW0054    | 00594           | 107                | 112                   | 12/30/2002   | E314.0      | Perchlorate                             | 17.0         |           | UG/L  | 2      |
| J3 RANGE            | 90MW0054    | 00595           | 107                | 112                   | 12/30/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| NORTHWEST CORNER    | 4036009     | 00555           | 0                  | 0                     | 12/20/2002   | E314.0      | Perchlorate                             | 5.3          |           | UG/L  | 2      |
| NORTHWEST CORNER    | 4036009     | 00556           | 0                  | 0                     | 12/20/2002   | E314.0      | Perchlorate                             | 5.5          |           | UG/L  | 2      |

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| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J3 RANGE            | MW-132S     | 00138           | 37                 | 47                    | 12/10/2002   | E314.0      | Perchlorate                             | 20.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0011D   | 00100           | 175.4              | 180.4                 | 12/09/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0009E   | 00036           | 133.4              | 138.4                 | 12/09/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0001    | 00022           | 121.8              | 126.8                 | 12/06/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.2          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | BK880           | 70                 | 75                    | 12/05/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | BK881           | 70                 | 75                    | 12/05/2002   | E314.0      | Perchlorate                             | 60.0         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0002    | 00024           | 121.2              | 126.2                 | 12/05/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | BK878           | 100                | 105                   | 12/05/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.8          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | BK879           | 100                | 105                   | 12/05/2002   | E314.0      | Perchlorate                             | 200          | J         | UG/L  | 2      |
| J3 RANGE            | MW-148S     | BK826           | 61                 | 71                    | 12/02/2002   | CL200.7     | Thallium                                | 3.8          | J         | UG/L  | 2      |
| J3 RANGE            | MW-145S     | BK779           | 30                 | 40                    | 12/02/2002   | CL200.7     | Sodium                                  | 24100        |           | UG/L  | 20000  |
| L RANGE             | MW-153M1    | BK829           | 199                | 209                   | 12/02/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | BK743           | 190                | 200                   | 11/26/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | BK493           | 124.5              | 134.5                 | 11/26/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 19.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | BK494           | 124.5              | 134.5                 | 11/26/2002   | E314.0      | Perchlorate                             | 78.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-172M2    | BK789           | 169                | 179                   | 11/26/2002   | E314.0      | Perchlorate                             | 6.8          |           | UG/L  | 2      |
| J3 RANGE            | MW-144S     | BK772           | 26                 | 36                    | 11/25/2002   | CL200.7     | Sodium                                  | 28100        |           | UG/L  | 20000  |
| J3 RANGE            | MW-143M3    | BK764           | 107                | 112                   | 11/25/2002   | E314.0      | Perchlorate                             | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-107M2    | BK735           | 125                | 135                   | 11/22/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-07M1     | BK721           | 240                | 245                   | 11/22/2002   | CL200.7     | Arsenic                                 | 21.3         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-07M1     | BK765           | 240                | 245                   | 11/22/2002   | CL200.7     | Arsenic                                 | 17.0         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-101M1    | BK712           | 158                | 168                   | 11/21/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M2     | BK592           | 115                | 125                   | 11/20/2002   | E314.0      | Perchlorate                             | 8.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M1     | BK590           | 135                | 145                   | 11/20/2002   | E314.0      | Perchlorate                             | 4.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | BK577           | 105                | 115                   | 11/20/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 160          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | BK578           | 105                | 115                   | 11/20/2002   | E314.0      | Perchlorate                             | 290          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | BK585           | 120                | 130                   | 11/19/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | BK586           | 120                | 130                   | 11/19/2002   | E314.0      | Perchlorate                             | 7.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | BK576           | 125                | 135                   | 11/18/2002   | E314.0      | Perchlorate                             | 11.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | BK575           | 125                | 135                   | 11/18/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-75M2     | BK572           | 115                | 125                   | 11/18/2002   | E314.0      | Perchlorate                             | 3.6          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | BK579           | 85                 | 95                    | 11/18/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | BK580           | 85                 | 95                    | 11/18/2002   | E314.0      | Perchlorate                             | 26.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-36M2     | BK551           | 131                | 141                   | 11/18/2002   | E314.0      | Perchlorate                             | 4.2          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-35M1     | BK537           | 155                | 165                   | 11/18/2002   | E314.0      | Perchlorate                             | 4.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-33D      | BK532           | 181.5              | 186.5                 | 11/15/2002   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-33D      | BK533           | 181.5              | 186.5                 | 11/15/2002   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | BK565           | 113                | 123                   | 11/15/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | BK566           | 113                | 123                   | 11/15/2002   | E314.0      | Perchlorate                             | 5.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | BK529           | 131                | 141                   | 11/15/2002   | E314.0      | Perchlorate                             | 14.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | BK527           | 151                | 161                   | 11/15/2002   | E314.0      | Perchlorate                             | 8.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | BK568           | 98                 | 103                   | 11/15/2002   | E314.0      | Perchlorate                             | 4.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | BK567           | 98                 | 103                   | 11/15/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | BK567           | 98                 | 103                   | 11/15/2002   | SW8330      | 2,4,6-Trinitrotoluene                   | 5.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | BK452           | 120                | 130                   | 11/13/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 220          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | BK453           | 120                | 130                   | 11/13/2002   | E314.0      | Perchlorate                             | 71.0         |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| DEMOLITION AREA 1   | MW-114M1    | BK451           | 177                | 187                   | 11/13/2002   | E314.0      | Perchlorate                             | 11.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | BK456           | 116                | 126                   | 11/13/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | BK457           | 116                | 126                   | 11/13/2002   | E314.0      | Perchlorate                             | 16.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | BK458           | 116                | 126                   | 11/13/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | BK459           | 116                | 126                   | 11/13/2002   | E314.0      | Perchlorate                             | 15.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M1    | BK455           | 136                | 146                   | 11/13/2002   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-201M2    | BK394           | 286                | 296                   | 11/08/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-201M2    | BK395           | 286                | 296                   | 11/08/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.8          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | BK277           | 100                | 105                   | 11/06/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.8          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | BK279           | 100                | 105                   | 11/06/2002   | E314.0      | Perchlorate                             | 170          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-223M2    | BK104           | 185                | 195                   | 11/05/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | BK179           | 110                | 120                   | 11/04/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.9          | J         | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | BK168           | 70                 | 75                    | 11/01/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | BK169           | 70                 | 75                    | 11/01/2002   | E314.0      | Perchlorate                             | 75.9         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M1    | BJ992           | 150                | 155                   | 10/31/2002   | SW8270      | bis(2-Ethylhexyl) Phthalate             | 14.0         |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-204M1    | BJ987           | 141                | 151                   | 10/31/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-204M2    | BJ988           | 76                 | 86                    | 10/31/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.4          |           | UG/L  | 2      |
| J3 RANGE            | MW-197M3    | BJ948           | 60                 | 65                    | 10/30/2002   | E314.0      | Perchlorate                             | 41.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M2    | BJ760           | 175                | 185                   | 10/29/2002   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2    | BJ691           | 205                | 215                   | 10/28/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | BJ712           | 156                | 166                   | 10/28/2002   | E314.0      | Perchlorate                             | 9.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-196S     | BJ601           | 32                 | 37                    | 10/24/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          | J         | UG/L  | 2      |
| J3 RANGE            | MW-196S     | BJ601           | 32                 | 37                    | 10/24/2002   | SW8330      | 2,4,6-Trinitrotoluene                   | 9.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | BJ423           | 254                | 264                   | 10/18/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 18.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | BJ428           | 240                | 250                   | 10/17/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-187D     | BJ360           | 306                | 316                   | 10/17/2002   | CL200.7     | Sodium                                  | 25300        |           | UG/L  | 20000  |
| FORMER A RANGE      | MW-206M1    | BJ369           | 178.5              | 188.5                 | 10/15/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | BJ012           | 154                | 164                   | 10/07/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-235M1    | BJ014           | 154                | 164                   | 10/07/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.2          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-57M3     | BI958           | 117                | 127                   | 10/07/2002   | CL200.7     | Sodium                                  | 21500        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | MW-89M2     | BJ028           | 214                | 224                   | 10/04/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | BJ024           | 213                | 223                   | 10/04/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | BJ020           | 194                | 204                   | 10/04/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.4          |           | UG/L  | 2      |
| WESTERN BOUNDARY    | MW-233M3    | BI993           | 231                | 241                   | 10/03/2002   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| L RANGE             | MW-153M1    | BI718           | 199                | 209                   | 09/30/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | BI633           | 170                | 180                   | 09/27/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M2     | BI630           | 145                | 155                   | 09/27/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.5          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | BI683           | 202                | 212                   | 09/27/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M1     | BI629           | 185                | 195                   | 09/24/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-132S     | BI503           | 37                 | 47                    | 09/20/2002   | E314.0      | Perchlorate                             | 13.0         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-101M1    | BI202           | 158                | 168                   | 09/19/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | BI217           | 186                | 196                   | 09/18/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 24.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | BI219           | 186                | 196                   | 09/18/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 24.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-172M2    | BI230           | 169                | 179                   | 09/18/2002   | E314.0      | Perchlorate                             | 7.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | BI215           | 190                | 200                   | 09/17/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02M2     | BI120           | 170                | 175                   | 09/16/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | 58MW0001    | BH512           | 121.8              | 126.8                 | 09/13/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| J3 RANGE            | 90MW0054    | BI105           | 107                | 112                   | 09/12/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.9          |           | UG/L  | 2      |
| J3 RANGE            | 90MW0054    | BI106           | 107                | 112                   | 09/12/2002   | E314.0      | Perchlorate                             | 19.0         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-85M1     | BH996           | 137.5              | 147.5                 | 09/12/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-107M2    | BI018           | 125                | 135                   | 09/12/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0002    | BH514           | 121.2              | 126.2                 | 09/11/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-143M3    | BH772           | 107                | 112                   | 09/06/2002   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| J3 RANGE            | MW-144S     | BH778           | 26                 | 36                    | 09/06/2002   | CL200.7     | Sodium                                  | 43000        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | MW-164M2    | BH836           | 157                | 167                   | 09/05/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-164M2    | BH837           | 157                | 167                   | 09/05/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-164M1    | BH835           | 227                | 237                   | 09/05/2002   | SW8270      | bis(2-Ethylhexyl) Phthalate             | 8.6          |           | UG/L  | 6      |
| L RANGE             | MW-147M1    | BH816           | 167                | 177                   | 09/05/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-1        | BH693           | 126                | 136                   | 09/04/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-2        | BH695           | 175                | 185                   | 08/30/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-232M1    | BH606           | 77.5               | 82.5                  | 08/30/2002   | E314.0      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0015A   | BH571           | 160.68             | 169.94                | 08/27/2002   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-130S     | BH505           | 103                | 113                   | 08/27/2002   | E314.0      | Perchlorate                             | 2.7          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0011D   | BH566           | 175.4              | 180.4                 | 08/27/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0009E   | BH530           | 133.4              | 138.4                 | 08/26/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M2     | BH366           | 115                | 125                   | 08/20/2002   | E314.0      | Perchlorate                             | 6.3          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-73S      | BH345           | 38.5               | 48.5                  | 08/20/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 34.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | BH334           | 151                | 161                   | 08/20/2002   | E314.0      | Perchlorate                             | 7.1          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | BH334A          | 151                | 161                   | 08/20/2002   | E314.0      | Perchlorate                             | 7.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | BH336           | 131                | 141                   | 08/20/2002   | E314.0      | Perchlorate                             | 17.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M1     | BH362           | 135                | 145                   | 08/20/2002   | E314.0      | Perchlorate                             | 4.6          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M1     | BH364           | 135                | 145                   | 08/20/2002   | E314.0      | Perchlorate                             | 3.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | BH359           | 85                 | 95                    | 08/20/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 31.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | BH360           | 85                 | 95                    | 08/20/2002   | E314.0      | Perchlorate                             | 88.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-35M1     | BH340           | 155                | 165                   | 08/19/2002   | E314.0      | Perchlorate                             | 5.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | BH357           | 105                | 115                   | 08/19/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 160          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | BH358           | 105                | 115                   | 08/19/2002   | E314.0      | Perchlorate                             | 250          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-75M2     | BH350           | 115                | 125                   | 08/19/2002   | E314.0      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-75M2     | BH352           | 115                | 125                   | 08/19/2002   | E314.0      | Perchlorate                             | 3.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | BH355           | 125                | 135                   | 08/19/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | BH356           | 125                | 135                   | 08/19/2002   | E314.0      | Perchlorate                             | 3.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | BH327           | 116                | 126                   | 08/19/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | BH328           | 116                | 126                   | 08/19/2002   | E314.0      | Perchlorate                             | 13.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M3    | BH330           | 96                 | 106                   | 08/19/2002   | E314.0      | Perchlorate                             | 2.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-86S      | BH259           | 143                | 153                   | 08/16/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.7          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | BH087           | 225                | 235                   | 08/15/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-37M2     | BH115           | 145                | 155                   | 08/13/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | BH003           | 124.5              | 134.5                 | 08/10/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 23.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | BH004           | 124.5              | 134.5                 | 08/10/2002   | E314.0      | Perchlorate                             | 64.0         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-66S      | BG917           | 125.7              | 135.7                 | 08/09/2002   | E314.0      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-66S      | BG919           | 125.7              | 135.7                 | 08/09/2002   | E314.0      | Perchlorate                             | 2.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | BG989           | 120                | 130                   | 08/09/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 210          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| DEMOLITION AREA 1   | MW-114M2    | BG990           | 120                | 130                   | 08/09/2002   | E314.0      | Perchlorate                             | 64.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M1    | BG987           | 177                | 187                   | 08/09/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M1    | BG988           | 177                | 187                   | 08/09/2002   | E314.0      | Perchlorate                             | 14.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-36M2     | BG930           | 131                | 141                   | 08/08/2002   | E314.0      | Perchlorate                             | 4.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-33M      | BG927           | 161.5              | 171.5                 | 08/08/2002   | E314.0      | Perchlorate                             | 2.1          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-162M2    | BG923           | 125.5              | 135.5                 | 08/08/2002   | E314.0      | Perchlorate                             | 2.4          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-162M2    | BG924           | 125.5              | 135.5                 | 08/08/2002   | E314.0      | Perchlorate                             | 2.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-07M1     | BG908           | 240                | 245                   | 08/08/2002   | CL200.7     | Arsenic                                 | 18.2         |           | UG/L  | 10     |
| DEMOLITION AREA 1   | MW-33D      | BG926           | 181.5              | 186.5                 | 08/08/2002   | E314.0      | Perchlorate                             | 2.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | BG904           | 38                 | 48                    | 08/07/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 99.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | BG905           | 38                 | 48                    | 08/07/2002   | E314.0      | Perchlorate                             | 4.1          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | BG892           | 113                | 123                   | 08/07/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | BG893           | 113                | 123                   | 08/07/2002   | E314.0      | Perchlorate                             | 10.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | BG900           | 120                | 130                   | 08/07/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | BG901           | 120                | 130                   | 08/07/2002   | E314.0      | Perchlorate                             | 7.2          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | BG894           | 98                 | 103                   | 08/07/2002   | SW8330      | 2,4,6-Trinitrotoluene                   | 5.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | BG894           | 98                 | 103                   | 08/07/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 85.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | BG895           | 98                 | 103                   | 08/07/2002   | E314.0      | Perchlorate                             | 7.2          | J         | UG/L  | 2      |
| J3 RANGE            | MW-227M2    | BG788           | 110                | 120                   | 08/06/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-225M3    | BG785           | 125                | 135                   | 08/06/2002   | E314.0      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-215M2    | BG658           | 205                | 215                   | 08/01/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-204M2    | BG620           | 76                 | 86                    | 07/29/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-204M1    | BG616           | 141                | 151                   | 07/29/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-204M1    | BG618           | 141                | 151                   | 07/29/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | BG571           | 257                | 267                   | 07/26/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | BG588           | 240                | 250                   | 07/26/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | BG578           | 254                | 264                   | 07/26/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 18.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | BG580           | 254                | 264                   | 07/26/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 18.0         |           | UG/L  | 2      |
| J1 RANGE NORTH      | MW-191M1    | BG554           | 137                | 142                   | 07/25/2002   | CL200.7     | Thallium                                | 6.3          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M2    | BG538           | 120                | 125                   | 07/24/2002   | CL200.7     | Thallium                                | 6.2          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | BG412           | 100                | 105                   | 07/22/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | BG414           | 100                | 105                   | 07/22/2002   | E314.0      | Perchlorate                             | 65.0         | J         | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | BG292           | 70                 | 75                    | 07/19/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.0          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | BG294           | 70                 | 75                    | 07/19/2002   | E314.0      | Perchlorate                             | 170          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-201M2    | BG261           | 286                | 296                   | 07/18/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.4          |           | UG/L  | 2      |
| J3 RANGE            | MW-197M3    | BG275           | 60                 | 65                    | 07/18/2002   | E314.0      | Perchlorate                             | 54.0         | J         | UG/L  | 2      |
| FORMER A RANGE      | MW-206M1    | BF384           | 178.5              | 188.5                 | 07/18/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| J3 RANGE            | MW-196S     | BG148           | 32                 | 37                    | 07/12/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.6          | J         | UG/L  | 2      |
| J3 RANGE            | MW-196S     | BG148           | 32                 | 37                    | 07/12/2002   | SW8330      | 2,4,6-Trinitrotoluene                   | 10.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-193M1    | BG107           | 57                 | 62                    | 07/11/2002   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-187D     | BG039           | 306                | 316                   | 07/11/2002   | CL200.7     | Sodium                                  | 27100        |           | UG/L  | 20000  |
| DEMOLITION AREA 1   | MW-129M2    | BG077           | 116                | 126                   | 07/10/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.9          |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | BF900           | 38                 | 48                    | 07/02/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | BF901           | 38                 | 48                    | 07/02/2002   | E314.0      | Perchlorate                             | 46.0         |           | UG/L  | 2      |
| NORTHWEST CORNER    | MW-66S      | BF882           | 125.7              | 135.7                 | 07/01/2002   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| J1 RANGE NORTH      | MW-166M3    | BF896           | 125                | 135                   | 07/01/2002   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |



**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J3 RANGE            | MW-132S     | BF853           | 37                 | 47                    | 06/28/2002   | E314.0      | Perchlorate                             | 28.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-145S     | BC549           | 30                 | 40                    | 06/28/2002   | CL200.7     | Sodium                                  | 53300        |           | UG/L  | 20000  |
| DEMOLITION AREA 1   | MW-129M2    | BF714           | 116                | 126                   | 06/27/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | BF715           | 116                | 126                   | 06/27/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M1    | BF394           | 177                | 187                   | 06/21/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M1    | BF395           | 177                | 187                   | 06/21/2002   | E314.0      | Perchlorate                             | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | BF359           | 186                | 196                   | 06/21/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 24.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | PW-1        | BF099           | 165.5              | 205.5                 | 06/20/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | PW-1        | BF172           | 165.5              | 205.5                 | 06/20/2002   | CL200.7     | Antimony                                | 9.0          | J         | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-164M2    | BF198           | 157                | 167                   | 06/20/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | PW-1        | BF098           | 165.5              | 205.5                 | 06/20/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | PW-1        | BF097           | 165.5              | 205.5                 | 06/19/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | PW-1        | BF096           | 165.5              | 205.5                 | 06/19/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | PW-1        | BF095           | 165.5              | 205.5                 | 06/19/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | PW-1        | BF093           | 165.5              | 205.5                 | 06/18/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | PW-1        | BF094           | 165.5              | 205.5                 | 06/18/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | PW-1        | BF092           | 165.5              | 205.5                 | 06/18/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | PW-1        | BF091           | 165.5              | 205.5                 | 06/18/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | PW-1        | BF090           | 165.5              | 205.5                 | 06/17/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | PW-1        | BF089           | 165.5              | 205.5                 | 06/17/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | PW-1        | BE959           | 165.5              | 205.5                 | 06/13/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | PW-1        | BE958           | 165.5              | 205.5                 | 06/13/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | PW-1        | BE957           | 165.5              | 205.5                 | 06/13/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | PW-1        | BE956           | 165.5              | 205.5                 | 06/13/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-37M2     | BE780           | 145                | 155                   | 06/11/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-37M2     | BE781           | 145                | 155                   | 06/11/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-211M2    | BE543           | 175                | 185                   | 06/06/2002   | E314.0      | Perchlorate                             | 3.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | BE535           | 156                | 166                   | 06/06/2002   | E314.0      | Perchlorate                             | 12.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-210M2    | BE537           | 156                | 166                   | 06/06/2002   | E314.0      | Perchlorate                             | 11.0         |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0016C   | BE208           | 116.7              | 126.33                | 06/04/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0011D   | BE198           | 175.4              | 180.4                 | 06/03/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0009E   | BE074           | 133.4              | 138.4                 | 06/03/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0001    | BE063           | 121.8              | 126.8                 | 05/31/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0002    | BE064           | 121.2              | 126.2                 | 05/31/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 16.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | BE305           | 120                | 130                   | 05/29/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 190          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | BE306           | 120                | 130                   | 05/29/2002   | E314.0      | Perchlorate                             | 72.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | BA966           | 98                 | 103                   | 05/29/2002   | SW8330      | 2,4,6-Trinitrotoluene                   | 5.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | BA966           | 98                 | 103                   | 05/29/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 130          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | BA967           | 98                 | 103                   | 05/29/2002   | E314.0      | Perchlorate                             | 12.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | BA954           | 38                 | 48                    | 05/29/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 120          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | BA955           | 38                 | 48                    | 05/29/2002   | E314.0      | Perchlorate                             | 5.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-85M1     | BE003           | 137.5              | 147.5                 | 05/22/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | BD862           | 160                | 165                   | 05/22/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-101M1    | BD883           | 158                | 168                   | 05/21/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-100M1    | BD879           | 179                | 189                   | 05/21/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-2        | BD870           | 175                | 185                   | 05/21/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.2          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-105M1    | BD889           | 205                | 215                   | 05/21/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-1        | BD866           | 126                | 136                   | 05/21/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-1        | BD867           | 126                | 136                   | 05/21/2002   | E314.0      | Perchlorate                             | 2.1          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-1        | BD868           | 126                | 136                   | 05/21/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-1        | BD869           | 126                | 136                   | 05/21/2002   | E314.0      | Perchlorate                             | 2.2          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M2     | BD790           | 145                | 155                   | 05/20/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M1     | BD788           | 185                | 195                   | 05/20/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | BD784           | 124                | 134                   | 05/20/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 17.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | BD785           | 124                | 134                   | 05/20/2002   | E314.0      | Perchlorate                             | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | BD750           | 202                | 212                   | 05/20/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | BD752           | 202                | 212                   | 05/20/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | BD780           | 170                | 180                   | 05/20/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | BD782           | 170                | 180                   | 05/20/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | BD700           | 214                | 224                   | 05/17/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | BD696           | 213                | 223                   | 05/17/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | BD692           | 194                | 204                   | 05/17/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M1     | BD699           | 234                | 244                   | 05/17/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-86M2     | BD690           | 158                | 168                   | 05/16/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-07M1     | BD545           | 240                | 245                   | 05/15/2002   | CL200.7     | Arsenic                                 | 16.7         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-07M1     | BD547           | 240                | 245                   | 05/15/2002   | CL200.7     | Arsenic                                 | 17.9         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-113M2    | BD163           | 190                | 200                   | 05/09/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | BD129           | 225                | 235                   | 05/09/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | BD130           | 225                | 235                   | 05/09/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02M2     | BC666           | 170                | 175                   | 05/01/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-209M1    | BC622           | 240                | 250                   | 04/30/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| L RANGE             | MW-147M2    | BC538           | 150                | 160                   | 04/29/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| L RANGE             | MW-147M2    | BC539           | 150                | 160                   | 04/29/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| L RANGE             | MW-147M1    | BC537           | 167                | 177                   | 04/29/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| L RANGE             | MW-153M1    | BC472           | 199                | 209                   | 04/26/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.7          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M2     | BC270           | 115                | 125                   | 04/25/2002   | E314.0      | Perchlorate                             | 4.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-75M2     | BC256           | 115                | 125                   | 04/25/2002   | E314.0      | Perchlorate                             | 4.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M1     | BC268           | 135                | 145                   | 04/25/2002   | E314.0      | Perchlorate                             | 2.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | BC261           | 120                | 130                   | 04/24/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | BC262           | 120                | 130                   | 04/24/2002   | E314.0      | Perchlorate                             | 8.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-35M1     | BC230           | 155                | 165                   | 04/24/2002   | E314.0      | Perchlorate                             | 6.4          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | BC245           | 125                | 135                   | 04/24/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 79.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | BC246           | 125                | 135                   | 04/24/2002   | E314.0      | Perchlorate                             | 15.3         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-36M2     | BC240           | 131                | 141                   | 04/24/2002   | E314.0      | Perchlorate                             | 3.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | BA974           | 151                | 161                   | 04/24/2002   | E314.0      | Perchlorate                             | 7.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | BA976           | 131                | 141                   | 04/24/2002   | E314.0      | Perchlorate                             | 19.6         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | BC247           | 105                | 115                   | 04/24/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 130          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | BC248           | 105                | 115                   | 04/24/2002   | E314.0      | Perchlorate                             | 174          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | BC249           | 85                 | 95                    | 04/24/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 25.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | BC250           | 85                 | 95                    | 04/24/2002   | E314.0      | Perchlorate                             | 175          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-33D      | BA970           | 181.5              | 186.5                 | 04/23/2002   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | BA962           | 113                | 123                   | 04/22/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.4          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| DEMOLITION AREA 1   | MW-31M      | BA963           | 113                | 123                   | 04/22/2002   | E314.0      | Perchlorate                             | 3.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | BA964           | 113                | 123                   | 04/22/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | BA965           | 113                | 123                   | 04/22/2002   | E314.0      | Perchlorate                             | 3.0          | J         | UG/L  | 2      |
| J3 RANGE            | 90MW0054    | BA538           | 107                | 112                   | 04/20/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.7          |           | UG/L  | 2      |
| J3 RANGE            | 90MW0054    | BA539           | 107                | 112                   | 04/20/2002   | E314.0      | Perchlorate                             | 26.3         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | BA913           | 124.5              | 134.5                 | 04/18/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 26.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | BA914           | 124.5              | 134.5                 | 04/18/2002   | E314.0      | Perchlorate                             | 83.5         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-162M2    | BA827           | 125.5              | 135.5                 | 04/18/2002   | E314.0      | Perchlorate                             | 2.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-139M2    | BA822           | 154                | 164                   | 04/17/2002   | E314.0      | Perchlorate                             | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-207M1    | BA789           | 254                | 264                   | 04/16/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 18.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M1    | BA493           | 136                | 146                   | 04/12/2002   | E314.0      | Perchlorate                             | 4.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-204M1    | BA267           | 141                | 151                   | 04/10/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.6          |           | UG/L  | 2      |
| WESTERN BOUNDARY    | MW-80M1     | AZ580           | 130                | 140                   | 04/04/2002   | E314.0      | Perchlorate                             | 2.3          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-201M2    | AY359           | 286                | 296                   | 03/13/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | AY351           | 257                | 267                   | 03/08/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          | J         | UG/L  | 2      |
| J3 RANGE            | MW-163S     | AY338           | 38                 | 48                    | 03/07/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.2          |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | AY340           | 38                 | 48                    | 03/07/2002   | E314.0      | Perchlorate                             | 33.1         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | AY284           | 70                 | 75                    | 02/21/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M4    | AY286           | 70                 | 75                    | 02/21/2002   | E314.0      | Perchlorate                             | 311          |           | UG/L  | 2      |
| J3 RANGE            | MW-193M1    | AY344           | 57                 | 62                    | 02/20/2002   | E314.0      | Perchlorate                             | 7.3          |           | UG/L  | 2      |
| J3 RANGE            | MW-193M1    | AY295           | 57                 | 62                    | 02/20/2002   | E314.0      | Perchlorate                             | 7.0          |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | AY280           | 100                | 105                   | 02/15/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 15.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-198M3    | AY282           | 100                | 105                   | 02/15/2002   | E314.0      | Perchlorate                             | 40.9         |           | UG/L  | 2      |
| J3 RANGE            | MW-197M3    | AY251           | 60                 | 65                    | 02/12/2002   | E314.0      | Perchlorate                             | 34.1         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-187D     | AY132           | 306                | 316                   | 02/11/2002   | CVOL        | Chloromethane                           | 47.0         | J         | UG/L  | 30     |
| DEMOLITION AREA 1   | MW-172M2    | AY115           | 169                | 179                   | 02/08/2002   | E314.0      | Perchlorate                             | 5.5          |           | UG/L  | 2      |
| J3 RANGE            | MW-196S     | AY088           | 32                 | 37                    | 02/07/2002   | SW8330      | 2,4,6-Trinitrotoluene                   | 12.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-196M1    | AY091           | 45                 | 50                    | 02/06/2002   | SW8270      | bis(2-Ethylhexyl) Phthalate             | 10.0         | J         | UG/L  | 6      |
| J3 RANGE            | MW-163S     | AX916           | 38                 | 48                    | 02/05/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.1          |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | AX919           | 38                 | 48                    | 02/05/2002   | E314.0      | Perchlorate                             | 17.9         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-188M1    | AX733           | 155                | 165                   | 01/30/2002   | SW8270      | bis(2-Ethylhexyl) Phthalate             | 9.4          |           | UG/L  | 6      |
| J1 RANGE NORTH      | MW-191M2    | AX758           | 120                | 130                   | 01/25/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-184M1    | AX656           | 186                | 196                   | 01/24/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 23.0         |           | UG/L  | 2      |
| DEMOLITION AREA 2   | MW-160S     | AX664           | 137.5              | 147.5                 | 01/23/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-187D     | AX713           | 306                | 316                   | 01/23/2002   | CL200.7     | Sodium                                  | 25300        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | MW-187D     | AX713           | 306                | 316                   | 01/23/2002   | CVOL        | Chloromethane                           | 75.0         | J         | UG/L  | 30     |
| CENTRAL IMPACT AREA | MW-187D     | AX730           | 306                | 316                   | 01/23/2002   | CL200.7     | Sodium                                  | 25200        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | MW-187D     | AX730           | 306                | 316                   | 01/23/2002   | CL200.7     | Antimony                                | 6.0          | J         | UG/L  | 6      |
| J1 RANGE NORTH      | MW-166M3    | AX612           | 125                | 135                   | 01/17/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-164M2    | AX599           | 157                | 167                   | 01/17/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          |           | UG/L  | 2      |
| J1 RANGE NORTH      | MW-166M1    | AX606           | 218                | 223                   | 01/16/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0001    | AX123           | 121.8              | 126.8                 | 01/11/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-73S      | AX149           | 38.5               | 48.5                  | 01/11/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 79.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-73S      | AX150           | 38.5               | 48.5                  | 01/11/2002   | E314.0      | Perchlorate                             | 3.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | AX454           | 124.5              | 134.5                 | 01/10/2002   | E314.0      | Perchlorate                             | 81.2         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | AX455           | 120                | 130                   | 01/10/2002   | E314.0      | Perchlorate                             | 127          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                          | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|-------------------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA           | MW-01S      | AW646           | 114                | 124                   | 01/10/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.2          | J         | UG/L  | 2      |
| LF-1 (ANG/ARNG,CG)            | 27MW2061    | AX431           | 66                 | 76                    | 01/09/2002   | SW8270      | bis(2-Ethylhexyl) Phthalate             | 12.0         | J         | UG/L  | 6      |
| DEMOLITION AREA 1             | MW-36M2     | AX395           | 131                | 141                   | 01/08/2002   | E314.0      | Perchlorate                             | 2.2          |           | UG/L  | 2      |
| LF-1 (ANG/ARNG,CG)            | 27MW0705    | AX430           | 73.7               | 83.9                  | 01/08/2002   | SW8270      | bis(2-Ethylhexyl) Phthalate             | 7.5          | J         | UG/L  | 6      |
| DEMOLITION AREA 1             | MW-165M2    | AX442           | 124.5              | 134.5                 | 01/07/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 27.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-114M2    | AX353           | 120                | 130                   | 01/07/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 170          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-76M2     | AX407           | 105                | 115                   | 01/07/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 92.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-76M2     | AX408           | 105                | 115                   | 01/07/2002   | E314.0      | Perchlorate                             | 126          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-75M2     | AX402           | 115                | 125                   | 01/07/2002   | E314.0      | Perchlorate                             | 4.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-31S      | AX368           | 98                 | 103                   | 01/04/2002   | SW8330      | 2,4,6-Trinitrotoluene                   | 5.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-31S      | AX368           | 98                 | 103                   | 01/04/2002   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 31.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-31S      | AX369           | 98                 | 103                   | 01/04/2002   | E314.0      | Perchlorate                             | 12.5         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-78M2     | AX414           | 115                | 125                   | 12/28/2001   | E314.0      | Perchlorate                             | 4.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-76M1     | AX405           | 125                | 135                   | 12/28/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 110          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-76M1     | AX406           | 125                | 135                   | 12/28/2001   | E314.0      | Perchlorate                             | 30.6         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-76S      | AX409           | 85                 | 95                    | 12/28/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.9          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-76S      | AX410           | 85                 | 95                    | 12/28/2001   | E314.0      | Perchlorate                             | 41.2         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-19S      | AX145           | 38                 | 48                    | 12/27/2001   | SW8330      | 2,4,6-Trinitrotoluene                   | 2.2          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-19S      | AX145           | 38                 | 48                    | 12/27/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 120          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-19S      | AX147           | 38                 | 48                    | 12/27/2001   | E314.0      | Perchlorate                             | 18.6         | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-77M2     | AX386           | 120                | 130                   | 12/26/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 26.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-77M2     | AX387           | 120                | 130                   | 12/26/2001   | E314.0      | Perchlorate                             | 12.3         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-34M2     | AX375           | 131                | 141                   | 12/26/2001   | E314.0      | Perchlorate                             | 5.9          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-34M1     | AX373           | 151                | 161                   | 12/26/2001   | E314.0      | Perchlorate                             | 17.7         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-114M1    | AX351           | 177                | 187                   | 12/21/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-114M1    | AX352           | 177                | 187                   | 12/21/2001   | E314.0      | Perchlorate                             | 22.1         |           | UG/L  | 2      |
| J3 RANGE                      | MW-171M2    | AX347           | 81                 | 86                    | 12/21/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-35M1     | AX379           | 155                | 165                   | 12/21/2001   | E314.0      | Perchlorate                             | 6.3          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-129M2    | AX357           | 116                | 126                   | 12/21/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-129M2    | AX358           | 116                | 126                   | 12/21/2001   | E314.0      | Perchlorate                             | 6.9          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-129M1    | AX356           | 136                | 146                   | 12/21/2001   | E314.0      | Perchlorate                             | 5.9          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-91S      | AW635           | 124                | 134                   | 12/20/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 20.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-91S      | AW636           | 124                | 134                   | 12/20/2001   | E314.0      | Perchlorate                             | 3.8          | J         | UG/L  | 2      |
| NORTHWEST CORNER              | MW-21S      | AX320           | 164                | 174                   | 12/20/2001   | CL200.7     | Sodium                                  | 26400        |           | UG/L  | 20000  |
| AMMUNITION SUPPLY POINT (ASP) | ASPWELL     | AX164           | 0                  | 0                     | 12/19/2001   | CL200.7     | Sodium                                  | 28500        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA           | MW-95M1     | AW703           | 202                | 212                   | 12/15/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-85M1     | AW740           | 137.5              | 147.5                 | 12/15/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 19.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | 58MW0002    | AX124           | 121.2              | 126.2                 | 12/14/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 15.0         |           | UG/L  | 2      |
| L RANGE                       | MW-45S      | AX121           | 89                 | 99                    | 12/14/2001   | CL200.7     | Arsenic                                 | 19.8         |           | UG/L  | 10     |
| L RANGE                       | MW-45S      | AX121           | 89                 | 99                    | 12/14/2001   | CL200.7     | Lead                                    | 42.8         |           | UG/L  | 15     |
| L RANGE                       | MW-45S      | AX121           | 89                 | 99                    | 12/14/2001   | CVOL        | Toluene                                 | 1300         |           | UG/L  | 1000   |
| J3 RANGE                      | 90MW0054    | AX156           | 107                | 112                   | 12/13/2001   | E314.0      | Perchlorate                             | 32.1         |           | UG/L  | 2      |
| CS-19 (ARNG)                  | 58MW0018B   | AX142           | 175.9              | 185.58                | 12/13/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| J2 RANGE NORTH                | MW-130S     | AX100           | 103                | 113                   | 12/13/2001   | E314.0      | Perchlorate                             | 4.2          |           | UG/L  | 2      |
| J2 RANGE NORTH                | MW-130S     | AX101           | 103                | 113                   | 12/13/2001   | E314.0      | Perchlorate                             | 4.1          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J3 RANGE            | MW-132S     | AX115           | 37                 | 47                    | 12/12/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.8          |           | UG/L  | 2      |
| J3 RANGE            | MW-132S     | AX116           | 37                 | 47                    | 12/12/2001   | E314.0      | Perchlorate                             | 27.4         |           | UG/L  | 2      |
| J1 RANGE NORTH      | MW-58S      | AX107           | 100                | 110                   | 12/12/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.8          |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0009E   | AX133           | 133.4              | 138.4                 | 12/11/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0016C   | AX140           | 116.7              | 126.33                | 12/11/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0011D   | AX134           | 175.4              | 180.4                 | 12/11/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.1          |           | UG/L  | 2      |
| J3 RANGE            | 90MW0054    | AW968           | 107                | 112                   | 12/08/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | AW793           | 225                | 235                   | 12/06/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M1     | AW706           | 234                | 244                   | 12/04/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | AW711           | 213                | 223                   | 12/04/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | AW749           | 190                | 200                   | 12/03/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | AW713           | 194                | 204                   | 12/03/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | AW707           | 214                | 224                   | 12/03/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-07M1     | AW732           | 240                | 245                   | 12/01/2001   | CL200.7     | Arsenic                                 | 21.9         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-01M2     | AW645           | 160                | 165                   | 11/30/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-86M2     | AW698           | 158                | 168                   | 11/30/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-40M1     | AW603           | 132.5              | 142.5                 | 11/29/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-107M2    | AW639           | 125                | 135                   | 11/29/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-107M2    | AW651           | 125                | 135                   | 11/29/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3     | AW642           | 170                | 180                   | 11/29/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3     | AW650           | 170                | 180                   | 11/29/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | AW633           | 170                | 180                   | 11/29/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.0         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M2     | AW608           | 145                | 155                   | 11/28/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M1     | AW606           | 185                | 195                   | 11/28/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-101M1    | AW614           | 158                | 168                   | 11/27/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-100M1    | AW594           | 179                | 189                   | 11/27/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-105M1    | AW587           | 205                | 215                   | 11/26/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02M2     | AW532           | 170                | 175                   | 11/19/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-1        | AW343           | 126                | 136                   | 11/15/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-1        | AW346           | 126                | 136                   | 11/15/2001   | E314.0      | Perchlorate                             | 2.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-2        | AW342           | 175                | 185                   | 11/14/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | OW-6        | AW341           | 175                | 185                   | 11/14/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-178M1    | AW045           | 257                | 267                   | 10/31/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.8          |           | UG/L  | 2      |
| L RANGE             | MW-147M2    | AT549           | 150                | 160                   | 10/24/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| L RANGE             | MW-153M1    | AT565           | 199                | 209                   | 10/24/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.8          |           | UG/L  | 2      |
| J3 RANGE            | 90MW0054    | AT618           | 107                | 112                   | 10/24/2001   | E314.0      | Perchlorate                             | 27.8         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-100M1    | AT789           | 179                | 189                   | 10/23/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-100M1    | AT790           | 179                | 189                   | 10/23/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-101M1    | AT791           | 158                | 168                   | 10/23/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-107M2    | AT766           | 125                | 135                   | 10/22/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-105M1    | AT211           | 205                | 215                   | 10/22/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          | J         | UG/L  | 2      |
| J3 RANGE            | MW-145S     | AT525           | 30                 | 40                    | 10/18/2001   | CL200.7     | Thallium                                | 4.8          | J         | UG/L  | 2      |
| J3 RANGE            | MW-148S     | AT557           | 61                 | 71                    | 10/18/2001   | CL200.7     | Sodium                                  | 23500        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | MW-152M1    | AT450           | 250                | 260                   | 10/16/2001   | CL200.7     | Arsenic                                 | 10.9         |           | UG/L  | 10     |
| J2 RANGE EAST       | MW-158M2    | AT435           | 124.5              | 134.5                 | 10/15/2001   | SW8270      | bis(2-Ethylhexyl) Phthalate             | 34.0         | J         | UG/L  | 6      |
| J3 RANGE            | MW-163S     | AT309           | 38                 | 48                    | 10/10/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.8          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                          | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|-------------------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J3 RANGE                      | MW-163S     | AT311           | 38                 | 48                    | 10/10/2001   | E314.0      | Perchlorate                             | 39.6         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-91S      | AT096           | 124                | 134                   | 10/09/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-91S      | AT100           | 124                | 134                   | 10/09/2001   | E314.0      | Perchlorate                             | 3.2          | J         | UG/L  | 2      |
| J1 RANGE NORTH                | MW-166M3    | AT220           | 125                | 135                   | 10/04/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| J1 RANGE NORTH                | MW-166M1    | AT218           | 218                | 223                   | 10/04/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-91M1     | AT095           | 170                | 180                   | 10/03/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-89M2     | AT083           | 214                | 224                   | 10/03/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-89M2     | AT086           | 214                | 224                   | 10/03/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-93M2     | AT155           | 145                | 155                   | 10/03/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-93M1     | AT154           | 185                | 195                   | 10/03/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-94M2     | AT161           | 140                | 150                   | 10/02/2001   | CL200.7     | Thallium                                | 2.3          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-95M1     | AT163           | 202                | 212                   | 10/01/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-89M1     | AT082           | 234                | 244                   | 09/28/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-88M2     | AT080           | 213                | 223                   | 09/28/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-86M2     | AT073           | 158                | 168                   | 09/27/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-87M1     | AT075           | 194                | 204                   | 09/27/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| AMMUNITION SUPPLY POINT (ASP) | ASPWELL     | AT101           | 0                  | 0                     | 09/27/2001   | CL200.7     | Sodium                                  | 22600        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA           | MW-85M1     | AT062           | 137.5              | 147.5                 | 09/26/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | 58MW0011D   | AT059           | 175.4              | 180.4                 | 09/26/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.5          |           | UG/L  | 2      |
| NORTHWEST CORNER              | MW-66S      | AT005           | 125.7              | 135.7                 | 09/21/2001   | E314.0      | Perchlorate                             | 2.2          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-172M2    | AT053           | 169                | 179                   | 09/21/2001   | E314.0      | Perchlorate                             | 3.9          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | 58MW0002    | AS708           | 121.2              | 126.2                 | 09/19/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 15.0         |           | UG/L  | 2      |
| J3 RANGE                      | 90MW0022    | AS784           | 112                | 117                   | 09/05/2001   | E314.0      | Perchlorate                             | 2.0          | J         | UG/L  | 2      |
| CS-19 (ARNG)                  | 58MW0016C   | AS725           | 116.7              | 126.33                | 08/30/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| CS-19 (ARNG)                  | 58MW0016B   | AS724           | 151.09             | 160.74                | 08/30/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          |           | UG/L  | 2      |
| CS-19 (ARNG)                  | 58MW0009E   | AS718           | 133.4              | 138.4                 | 08/29/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | 58MW0001    | AS706           | 121.8              | 126.8                 | 08/29/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | 58MW0001    | AS707           | 121.8              | 126.8                 | 08/29/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| WESTERN BOUNDARY              | MW-84M3     | AS616           | 79                 | 89                    | 08/27/2001   | CL200.7     | Thallium                                | 5.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-31S      | AR509           | 98                 | 103                   | 08/24/2001   | SW8330      | 2,4,6-Trinitrotoluene                   | 5.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-31S      | AR509           | 98                 | 103                   | 08/24/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 88.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-31S      | AR513           | 98                 | 103                   | 08/24/2001   | E314.0      | Perchlorate                             | 16.2         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-44S      | AS582           | 123                | 133                   | 08/24/2001   | CL200.7     | Thallium                                | 3.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-19S      | AR467           | 38                 | 48                    | 08/24/2001   | SW8330      | 2,4,6-Trinitrotoluene                   | 2.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-19S      | AR467           | 38                 | 48                    | 08/24/2001   | CL200.7     | Thallium                                | 4.2          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-19S      | AR467           | 38                 | 48                    | 08/24/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 120          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-19S      | AR469           | 38                 | 48                    | 08/24/2001   | E314.0      | Perchlorate                             | 8.5          |           | UG/L  | 2      |
| WESTERN BOUNDARY              | MW-84D      | AS595           | 190                | 200                   | 08/23/2001   | CL200.7     | Thallium                                | 4.0          | J         | UG/L  | 2      |
| L RANGE                       | MW-45S      | AS585           | 89                 | 99                    | 08/23/2001   | CL200.7     | Arsenic                                 | 19.0         |           | UG/L  | 10     |
| L RANGE                       | MW-45S      | AS585           | 89                 | 99                    | 08/23/2001   | CL200.7     | Lead                                    | 42.2         |           | UG/L  | 15     |
| WESTERN BOUNDARY              | MW-82D      | AS348           | 125                | 135                   | 08/22/2001   | SW8270      | bis(2-Ethylhexyl) Phthalate             | 24.0         |           | UG/L  | 6      |
| J1 RANGE NORTH                | MW-58S      | AR708           | 100                | 110                   | 08/22/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-38D      | AR547           | 242                | 252                   | 08/22/2001   | CL200.7     | Thallium                                | 3.0          | J         | UG/L  | 2      |
| KD SAR                        | MW-61S      | AR717           | 98                 | 108                   | 08/22/2001   | CL200.7     | Thallium                                | 3.7          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-02M2     | AR380           | 170                | 175                   | 08/21/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-164M2    | AR171           | 157                | 167                   | 08/21/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-40M1     | AR572           | 132.5              | 142.5                 | 08/16/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | AS257           | 124.5              | 134.5                 | 08/16/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 50.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-165M2    | AS263           | 124.5              | 134.5                 | 08/16/2001   | E314.0      | Perchlorate                             | 102          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01S      | AR371           | 114                | 124                   | 08/16/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | AR369           | 160                | 165                   | 08/15/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-78M2     | AS245           | 115                | 125                   | 08/15/2001   | E314.0      | Perchlorate                             | 11.4         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3     | AR551           | 170                | 180                   | 08/14/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | AS210           | 125                | 135                   | 08/13/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 90.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M1     | AS217           | 125                | 135                   | 08/13/2001   | E314.0      | Perchlorate                             | 16.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | AS211           | 105                | 115                   | 08/13/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 51.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | AS212           | 105                | 115                   | 08/13/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 48.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | AS218           | 105                | 115                   | 08/13/2001   | E314.0      | Perchlorate                             | 22.1         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | AS219           | 105                | 115                   | 08/13/2001   | E314.0      | Perchlorate                             | 22.5         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | AS215           | 120                | 130                   | 08/10/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 29.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | AS222           | 120                | 130                   | 08/10/2001   | E314.0      | Perchlorate                             | 13.9         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | AS213           | 85                 | 95                    | 08/10/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | AS220           | 85                 | 95                    | 08/10/2001   | E314.0      | Perchlorate                             | 13.3         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-75M2     | AS180           | 115                | 125                   | 08/09/2001   | E314.0      | Perchlorate                             | 6.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-35M1     | AR532           | 155                | 165                   | 08/03/2001   | E314.0      | Perchlorate                             | 5.4          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-55D      | AR655           | 255                | 265                   | 07/31/2001   | SW8270      | bis(2-Ethylhexyl) Phthalate             | 6.4          |           | UG/L  | 6      |
| DEMOLITION AREA 1   | MW-34M1     | AR522           | 151                | 161                   | 07/31/2001   | E314.0      | Perchlorate                             | 30.8         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | AR523           | 151                | 161                   | 07/31/2001   | E314.0      | Perchlorate                             | 31.4         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | AR524           | 131                | 141                   | 07/30/2001   | E314.0      | Perchlorate                             | 16.2         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-07M1     | AR417           | 240                | 245                   | 07/30/2001   | CL200.7     | Arsenic                                 | 18.0         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-07M1     | AR842           | 240                | 245                   | 07/30/2001   | CL200.7     | Arsenic                                 | 15.0         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-23M1     | AR475           | 225                | 235                   | 07/30/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.3          |           | UG/L  | 2      |
| L RANGE             | MW-153M1    | AR734           | 199                | 209                   | 07/24/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-172M2    | AR109           | 169                | 179                   | 06/21/2001   | E314.0      | Perchlorate                             | 3.0          | J         | UG/L  | 2      |
| J3 RANGE            | MW-145S     | AR012           | 30                 | 40                    | 06/20/2001   | CL200.7     | Sodium                                  | 73600        |           | UG/L  | 20000  |
| DEMOLITION AREA 1   | MW-139M2    | AR097           | 154                | 164                   | 06/20/2001   | E314.0      | Perchlorate                             | 3.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M2    | AR088           | 116                | 126                   | 06/20/2001   | E314.0      | Perchlorate                             | 8.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-129M1    | AR087           | 136                | 146                   | 06/19/2001   | E314.0      | Perchlorate                             | 6.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | AR074           | 120                | 130                   | 06/19/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 140          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | AR076           | 120                | 130                   | 06/19/2001   | E314.0      | Perchlorate                             | 207          |           | UG/L  | 2      |
| L RANGE             | MW-146M1    | AR028           | 166                | 171                   | 06/19/2001   | SW8270      | bis(2-Ethylhexyl) Phthalate             | 8.2          |           | UG/L  | 6      |
| L RANGE             | MW-147M1    | AR032           | 167                | 177                   | 06/19/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M1    | AR075           | 177                | 187                   | 06/18/2001   | E314.0      | Perchlorate                             | 10.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | AQ934           | 38                 | 48                    | 06/18/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 210          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | AQ935           | 38                 | 48                    | 06/18/2001   | E314.0      | Perchlorate                             | 41.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-144S     | AQ961           | 26                 | 36                    | 06/18/2001   | CL200.7     | Sodium                                  | 77200        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | MW-85M1     | AR065           | 137.5              | 147.5                 | 06/16/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 27.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-132S     | AQ992           | 37                 | 47                    | 06/15/2001   | E314.0      | Perchlorate                             | 75.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | AQ995           | 38                 | 48                    | 06/14/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.7          |           | UG/L  | 2      |
| J3 RANGE            | MW-163S     | AQ996           | 38                 | 48                    | 06/14/2001   | E314.0      | Perchlorate                             | 67.0         |           | UG/L  | 2      |
| J1 RANGE NORTH      | MW-58S      | AQ973           | 100                | 110                   | 06/14/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.3          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                          | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|-------------------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| DEMOLITION AREA 1             | MW-73S      | AQ256           | 38.5               | 48.5                  | 06/14/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 22.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-73S      | AQ257           | 38.5               | 48.5                  | 06/14/2001   | E314.0      | Perchlorate                             | 10.0         |           | UG/L  | 2      |
| J2 RANGE NORTH                | MW-130S     | AQ985           | 103                | 113                   | 06/14/2001   | E314.0      | Perchlorate                             | 3.0          | J         | UG/L  | 2      |
| J2 RANGE NORTH                | MW-130S     | AQ986           | 103                | 113                   | 06/14/2001   | E314.0      | Perchlorate                             | 3.0          | J         | UG/L  | 2      |
| J2 RANGE EAST                 | MW-158S     | AQ905           | 89                 | 99                    | 06/12/2001   | E314.0      | Perchlorate                             | 2.0          | J         | UG/L  | 2      |
| J1 RANGE NORTH                | MW-168M2    | AQ744           | 198                | 208                   | 06/05/2001   | SW8270      | bis(2-Ethylhexyl) Phthalate             | 9.0          |           | UG/L  | 6      |
| J1 RANGE NORTH                | MW-168M1    | AQ761           | 256                | 266                   | 06/04/2001   | SW8270      | bis(2-Ethylhexyl) Phthalate             | 6.7          |           | UG/L  | 6      |
| CENTRAL IMPACT AREA           | MW-40M1     | AQ025           | 132.5              | 142.5                 | 06/02/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| J1 RANGE NORTH                | MW-166M3    | AQ728           | 125                | 135                   | 06/01/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| J1 RANGE NORTH                | MW-166M1    | AQ726           | 218                | 223                   | 05/31/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.7          |           | UG/L  | 2      |
| J3 RANGE                      | MW-171M2    | AQ698           | 81                 | 86                    | 05/31/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | 58MW0001    | AQ528           | 121.8              | 126.8                 | 05/29/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-164M2    | AQ648           | 157                | 167                   | 05/25/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | 58MW0011D   | AQ538           | 175.4              | 180.4                 | 05/24/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.3          |           | UG/L  | 2      |
| AMMUNITION SUPPLY POINT (ASP) | ASPWELL     | AQ638           | 0                  | 0                     | 05/24/2001   | CL200.7     | Sodium                                  | 24900        |           | UG/L  | 20000  |
| AMMUNITION SUPPLY POINT (ASP) | ASPWELL     | AQ638           | 0                  | 0                     | 05/24/2001   | CL200.7     | Lead                                    | 30.4         |           | UG/L  | 15     |
| CENTRAL IMPACT AREA           | MW-07M1     | AQ568           | 240                | 245                   | 05/24/2001   | CL200.7     | Arsenic                                 | 19.4         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA           | MW-07M1     | AQ669           | 240                | 245                   | 05/24/2001   | C200.7      | Arsenic                                 | 17.2         |           | UG/L  | 10     |
| DEMOLITION AREA 1             | MW-31M      | AP852           | 113                | 123                   | 05/23/2001   | SW8330      | 2,4,6-Trinitrotoluene                   | 5.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-31M      | AP852           | 113                | 123                   | 05/23/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 70.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-31M      | AP853           | 113                | 123                   | 05/23/2001   | E314.0      | Perchlorate                             | 19.0         |           | UG/L  | 2      |
| CS-19 (ARNG)                  | 58MW0009E   | AQ535           | 133.4              | 138.4                 | 05/23/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | 58MW0002    | AQ529           | 121.2              | 126.2                 | 05/23/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| J3 RANGE                      | 90MW0022    | AQ582           | 112                | 117                   | 05/19/2001   | E314.0      | Perchlorate                             | 2.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-03D      | AQ566           | 262                | 267                   | 05/18/2001   | CL200.7     | Arsenic                                 | 14.7         |           | UG/L  | 10     |
| DEMOLITION AREA 1             | MW-78M2     | AQ392           | 115                | 125                   | 05/10/2001   | E314.0      | Perchlorate                             | 9.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-77M2     | AQ380           | 120                | 130                   | 05/10/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 39.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-77M2     | AQ384           | 120                | 130                   | 05/10/2001   | E314.0      | Perchlorate                             | 16.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-75M2     | AQ265           | 115                | 125                   | 05/09/2001   | E314.0      | Perchlorate                             | 9.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-75M2     | AQ266           | 115                | 125                   | 05/09/2001   | E314.0      | Perchlorate                             | 9.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-165M2    | AQ109           | 124.5              | 134.5                 | 05/08/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 60.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-165M2    | AQ116           | 124.5              | 134.5                 | 05/08/2001   | E314.0      | Perchlorate                             | 122          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-76S      | AQ153           | 85                 | 95                    | 05/07/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-76S      | AQ155           | 85                 | 95                    | 05/07/2001   | E314.0      | Perchlorate                             | 7.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-76M2     | AQ154           | 105                | 115                   | 05/07/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 56.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-76M2     | AQ156           | 105                | 115                   | 05/07/2001   | E314.0      | Perchlorate                             | 17.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-76M1     | AQ168           | 125                | 135                   | 05/07/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 28.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-76M1     | AQ169           | 125                | 135                   | 05/07/2001   | E314.0      | Perchlorate                             | 8.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-34M1     | AP857           | 151                | 161                   | 05/05/2001   | E314.0      | Perchlorate                             | 46.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-35M1     | AQ164           | 155                | 165                   | 05/04/2001   | E314.0      | Perchlorate                             | 4.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-02M2     | AP823           | 170                | 175                   | 05/03/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| J3 RANGE                      | MW-157D     | AP797           | 209                | 219                   | 05/03/2001   | SW8270      | bis(2-Ethylhexyl) Phthalate             | 8.1          |           | UG/L  | 6      |
| DEMOLITION AREA 1             | MW-31S      | AP850           | 98                 | 103                   | 05/02/2001   | SW8330      | 2,4,6-Trinitrotoluene                   | 5.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-31S      | AP850           | 98                 | 103                   | 05/02/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 81.0         |           | UG/L  | 2      |



**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                          | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|-------------------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| DEMOLITION AREA 1             | MW-31S      | AP851           | 98                 | 103                   | 05/02/2001   | E314.0      | Perchlorate                             | 20.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-34M2     | AP859           | 131                | 141                   | 05/01/2001   | E314.0      | Perchlorate                             | 28.0         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-01M2     | AP820           | 160                | 165                   | 05/01/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-38M3     | AP869           | 170                | 180                   | 04/30/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-113M2    | AP660           | 190                | 200                   | 04/30/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 15.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-23M1     | AP830           | 225                | 235                   | 04/27/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.9          |           | UG/L  | 2      |
| L RANGE                       | MW-153M1    | AN949           | 199                | 209                   | 03/23/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-139M2    | AN650           | 154                | 164                   | 03/15/2001   | E314.0      | Perchlorate                             | 11.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-114M1    | AN638           | 177                | 187                   | 03/14/2001   | E314.0      | Perchlorate                             | 13.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-114M2    | AN639           | 120                | 130                   | 03/14/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 120          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-114M1    | AN637           | 177                | 187                   | 03/14/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-114M2    | AN640           | 120                | 130                   | 03/14/2001   | E314.0      | Perchlorate                             | 260          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-129M1    | AN642           | 136                | 146                   | 03/14/2001   | E314.0      | Perchlorate                             | 9.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-129M2    | AN644           | 116                | 126                   | 03/14/2001   | E314.0      | Perchlorate                             | 6.0          |           | UG/L  | 2      |
| INACTIVE DEMO SITES IN TA A-2 | MW-150S     | AN510           | 92.5               | 102.5                 | 03/07/2001   | CL200.7     | Thallium                                | 2.2          | J         | UG/L  | 2      |
| L RANGE                       | MW-147M2    | AN346           | 150                | 160                   | 02/23/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| L RANGE                       | MW-146M1    | AN344           | 166                | 171                   | 02/23/2001   | SW8270      | bis(2-Ethylhexyl) Phthalate             | 8.4          |           | UG/L  | 6      |
| L RANGE                       | MW-147M1    | AN345           | 167                | 177                   | 02/23/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.7          |           | UG/L  | 2      |
| J3 RANGE                      | MW-125M1    | AN258           | 232                | 242                   | 02/20/2001   | E314.0      | Perchlorate                             | 3.0          | J         | UG/L  | 2      |
| J3 RANGE                      | MW-132S     | AN262           | 37                 | 47                    | 02/16/2001   | E314.0      | Perchlorate                             | 65.0         |           | UG/L  | 2      |
| J3 RANGE                      | MW-132S     | AN247           | 37                 | 47                    | 02/16/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.4          | J         | UG/L  | 2      |
| J3 RANGE                      | MW-132S     | AN247           | 37                 | 47                    | 02/16/2001   | CL200.7     | Thallium                                | 2.1          | J         | UG/L  | 2      |
| J2 RANGE NORTH                | MW-130S     | AN224           | 103                | 113                   | 02/14/2001   | E314.0      | Perchlorate                             | 3.0          | J         | UG/L  | 2      |
| J2 RANGE EAST                 | MW-128S     | AN203           | 87                 | 97                    | 02/14/2001   | E314.0      | Perchlorate                             | 3.0          | J         | UG/L  | 2      |
| J1 RANGE NORTH                | MW-127S     | AN214           | 99                 | 109                   | 02/14/2001   | E314.0      | Perchlorate                             | 4.0          | J         | UG/L  | 2      |
| J3 RANGE                      | MW-145S     | AN172           | 30                 | 40                    | 02/12/2001   | CL200.7     | Sodium                                  | 37000        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA           | MW-85M1     | AM718           | 137.5              | 147.5                 | 02/10/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 24.0         |           | UG/L  | 2      |
| J3 RANGE                      | 90MW0054    | AN033A          | 107                | 112                   | 01/30/2001   | E314.0      | Perchlorate                             | 9.0          |           | UG/L  | 2      |
| J3 RANGE                      | 90MW0054    | AN034A          | 107                | 112                   | 01/30/2001   | E314.0      | Perchlorate                             | 10.0         |           | UG/L  | 2      |
| J3 RANGE                      | MW-142M1    | AN023           | 225                | 235                   | 01/29/2001   | SW8270      | bis(2-Ethylhexyl) Phthalate             | 20.0         |           | UG/L  | 6      |
| J3 RANGE                      | MW-142M2    | AN024           | 140                | 150                   | 01/29/2001   | SW8270      | bis(2-Ethylhexyl) Phthalate             | 11.0         |           | UG/L  | 6      |
| CENTRAL IMPACT AREA           | MW-105M1    | AM764           | 205                | 215                   | 01/27/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-100M1    | AM754           | 179                | 189                   | 01/27/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-93M1     | AM731           | 185                | 195                   | 01/22/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-93M1     | AM738           | 185                | 195                   | 01/22/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-101M1    | AM767           | 158                | 168                   | 01/20/2001   | E314.0      | Perchlorate                             | 3.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-93M2     | AM730           | 145                | 155                   | 01/20/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-93M2     | AM736           | 145                | 155                   | 01/20/2001   | E314.0      | Perchlorate                             | 2.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-91M1     | AM729           | 170                | 180                   | 01/20/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-91S      | AM728           | 124                | 134                   | 01/20/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-91S      | AM734           | 124                | 134                   | 01/20/2001   | E314.0      | Perchlorate                             | 5.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-93M1     | AM737           | 185                | 195                   | 01/20/2001   | E314.0      | Perchlorate                             | 3.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-93M1     | AM739           | 185                | 195                   | 01/20/2001   | E314.0      | Perchlorate                             | 2.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-113M2    | AM824           | 190                | 200                   | 01/15/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-99M1     | AM748           | 195                | 205                   | 01/13/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.2          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                          | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|-------------------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J3 RANGE                      | MW-28M1     | AM850           | 270                | 280                   | 01/12/2001   | SW8270      | bis(2-Ethylhexyl) Phthalate             | 9.7          |           | UG/L  | 6      |
| CENTRAL IMPACT AREA           | MW-94M2     | AM694           | 140                | 150                   | 01/11/2001   | CL200.7     | Thallium                                | 2.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-89M2     | AM709           | 214                | 224                   | 01/11/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-88M2     | AM712           | 213                | 223                   | 01/10/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-87M1     | AM715           | 194                | 204                   | 01/10/2001   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-129M1    | AM613           | 136                | 146                   | 01/02/2001   | E314.0      | Perchlorate                             | 10.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-139M2    | AM622           | 154                | 164                   | 12/29/2000   | E314.0      | Perchlorate                             | 8.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-114M2    | AM611           | 120                | 130                   | 12/29/2000   | E314.0      | Perchlorate                             | 300          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-114M1    | AM610           | 177                | 187                   | 12/28/2000   | E314.0      | Perchlorate                             | 11.0         |           | UG/L  | 2      |
| L RANGE                       | MW-45S      | AL913           | 89                 | 99                    | 12/27/2000   | CL200.7     | Arsenic                                 | 13.7         |           | UG/L  | 10     |
| L RANGE                       | MW-45S      | AL913           | 89                 | 99                    | 12/27/2000   | CVOL        | Toluene                                 | 1300         |           | UG/L  | 1000   |
| CENTRAL IMPACT AREA           | MW-39M1     | AL941           | 220                | 230                   | 12/21/2000   | CL200.7     | Thallium                                | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-03D      | AL940           | 262                | 267                   | 12/20/2000   | CL200.7     | Thallium                                | 3.3          |           | UG/L  | 2      |
| J1 RANGE NORTH                | MW-58S      | AM383           | 100                | 110                   | 12/20/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.1          |           | UG/L  | 2      |
| J1 RANGE NORTH                | MW-58S      | AM383           | 100                | 110                   | 12/20/2000   | CL200.7     | Thallium                                | 2.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-73S      | AM278           | 38.5               | 48.5                  | 12/19/2000   | E314.0      | Perchlorate                             | 6.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-73S      | AM547           | 38.5               | 48.5                  | 12/19/2000   | CL200.7     | Thallium                                | 2.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-73S      | AM557           | 38.5               | 48.5                  | 12/19/2000   | CL200.7     | Thallium                                | 4.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-35S      | AL897           | 84                 | 94                    | 12/18/2000   | CL200.7     | Thallium                                | 2.9          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-34M1     | AM562           | 151                | 161                   | 12/18/2000   | E314.0      | Perchlorate                             | 109          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-34M2     | AM342           | 131                | 141                   | 12/18/2000   | E314.0      | Perchlorate                             | 34.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-01S      | AM355           | 114                | 124                   | 12/12/2000   | SW8095      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-01S      | AM356           | 114                | 124                   | 12/12/2000   | SW8321      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-01S      | AM373           | 114                | 124                   | 12/12/2000   | SW8321      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-01S      | AM374           | 114                | 124                   | 12/12/2000   | SW8095      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         |           | UG/L  | 2      |
| AMMUNITION SUPPLY POINT (ASP) | ASPWELL     | AM397           | 0                  | 0                     | 12/12/2000   | CL200.7     | Lead                                    | 20.9         |           | UG/L  | 15     |
| CENTRAL IMPACT AREA           | MW-01S      | AM223           | 114                | 124                   | 12/12/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.1          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-01S      | AM372           | 114                | 124                   | 12/12/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-31S      | AM337           | 98                 | 103                   | 12/08/2000   | SW8330      | 2,4,6-Trinitrotoluene                   | 5.2          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-31S      | AM337           | 98                 | 103                   | 12/08/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 120          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-31S      | AM439           | 98                 | 103                   | 12/08/2000   | E314.0      | Perchlorate                             | 30.0         |           | UG/L  | 2      |
| DEMOLITION AREA 2             | MW-16S      | AM357           | 125                | 135                   | 12/08/2000   | SW8095      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-19S      | AM274           | 38                 | 48                    | 12/08/2000   | SW8330      | 2,4,6-Trinitrotoluene                   | 2.3          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-19S      | AM274           | 38                 | 48                    | 12/08/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 200          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-19S      | AM359           | 38                 | 48                    | 12/08/2000   | SW8095      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 300          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-19S      | AM360           | 38                 | 48                    | 12/08/2000   | SW8321      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 45.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-19S      | AM441           | 38                 | 48                    | 12/08/2000   | E314.0      | Perchlorate                             | 12.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-76M2     | AM323           | 105                | 115                   | 12/07/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 46.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-76M1     | AM322           | 125                | 135                   | 12/07/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-76S      | AM245           | 85                 | 95                    | 12/07/2000   | E314.0      | Perchlorate                             | 5.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-77M2     | AM326           | 120                | 130                   | 12/07/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 93.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-77M2     | AM247           | 120                | 130                   | 12/06/2000   | E314.0      | Perchlorate                             | 28.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-78M2     | AM250           | 115                | 125                   | 12/06/2000   | E314.0      | Perchlorate                             | 19.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-76M2     | AM244           | 105                | 115                   | 12/06/2000   | E314.0      | Perchlorate                             | 11.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-23M1     | AM157           | 225                | 235                   | 12/04/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.0          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CENTRAL IMPACT AREA | MW-23M1     | AM160           | 225                | 235                   | 12/04/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-07M1     | AM145           | 240                | 245                   | 12/01/2000   | CL200.7     | Arsenic                                 | 19.0         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-02M2     | AM083           | 170                | 175                   | 11/27/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-40M1     | AL945           | 132.5              | 142.5                 | 11/27/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-37M2     | AL902           | 145                | 155                   | 11/27/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-37M2     | AL903           | 145                | 155                   | 11/27/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3     | AL907           | 170                | 180                   | 11/20/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | AL933           | 160                | 165                   | 11/18/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | AL934           | 160                | 165                   | 11/18/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01S      | AL935           | 114                | 124                   | 11/18/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.2          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | AL892           | 131                | 141                   | 11/17/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | AL891           | 151                | 161                   | 11/17/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.5          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-46S      | AL887           | 154                | 164                   | 11/17/2000   | CL200.7     | Sodium                                  | 22500        | J         | UG/L  | 20000  |
| NORTHWEST CORNER    | MW-21S      | AL818           | 164                | 174                   | 11/15/2000   | CL200.7     | Sodium                                  | 22500        |           | UG/L  | 20000  |
| J1 RANGE NORTH      | MW-127S     | AL821           | 99                 | 109                   | 11/15/2000   | CL200.7     | Thallium                                | 2.4          | J         | UG/L  | 2      |
| J2 RANGE NORTH      | MW-54S      | AL775           | 148                | 158                   | 11/15/2000   | CL200.7     | Thallium                                | 3.1          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-73S      | AL782           | 38.5               | 48.5                  | 11/14/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 28.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-73S      | AL783           | 38.5               | 48.5                  | 11/14/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 29.0         |           | UG/L  | 2      |
| J3 RANGE            | MW-132S     | AL643           | 37                 | 47                    | 11/09/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          | J         | UG/L  | 2      |
| J3 RANGE            | MW-132S     | AL790           | 37                 | 47                    | 11/09/2000   | E314.0      | Perchlorate                             | 39.0         | J         | UG/L  | 2      |
| J3 RANGE            | 90MW0101A   | AL667           | 93                 | 98                    | 11/08/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-107M2    | AL615           | 125                | 135                   | 11/07/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-105M1    | AL610           | 205                | 215                   | 11/07/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M2     | AL608           | 145                | 155                   | 11/07/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M1     | AL609           | 185                | 195                   | 11/07/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | AL606           | 170                | 180                   | 11/07/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | AL607           | 170                | 180                   | 11/07/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | AL605           | 124                | 134                   | 11/07/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | AL137           | 120                | 130                   | 10/24/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 140          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-114M2    | AL138           | 120                | 130                   | 10/24/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 140          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-90M1     | AK458           | 145                | 155                   | 10/11/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-111M3    | AK283           | 165                | 175                   | 10/10/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-100M1    | AK033           | 179                | 189                   | 10/02/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-99M1     | AJ699           | 195                | 205                   | 09/29/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-113M2    | AJ741           | 190                | 200                   | 09/26/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-89M2     | AJ543           | 214                | 224                   | 09/21/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | AJ413           | 213                | 223                   | 09/21/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | AJ380           | 194                | 204                   | 09/14/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-46S      | AI348           | 154                | 164                   | 09/12/2000   | CL200.7     | Sodium                                  | 31300        |           | UG/L  | 20000  |
| DEMOLITION AREA 1   | MW-73S      | AI384           | 38.5               | 48.5                  | 09/05/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 29.0         |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-56S      | AI252           | 76                 | 86                    | 09/05/2000   | CL200.7     | Thallium                                | 4.0          | J         | UG/L  | 2      |
| J1 RANGE NORTH      | MW-58S      | AI253           | 100                | 110                   | 09/05/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.1          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-56M3     | AI251           | 106                | 116                   | 09/05/2000   | CL200.7     | Thallium                                | 6.1          | J         | UG/L  | 2      |
| J2 RANGE NORTH      | MW-56M3     | AJ143           | 106                | 116                   | 09/05/2000   | C200.7      | Thallium                                | 4.4          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-40M1     | AJ140           | 132.5              | 142.5                 | 09/01/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-37M2     | AI243           | 145                | 155                   | 08/31/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          | J         | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID  | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|--------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| L RANGE             | MW-45S       | AI343           | 89                 | 99                    | 08/31/2000   | CL200.7     | Arsenic                                 | 13.1         | J         | UG/L  | 10     |
| L RANGE             | MW-45S       | AI343           | 89                 | 99                    | 08/31/2000   | CL200.7     | Thallium                                | 4.4          | J         | UG/L  | 2      |
| J2 RANGE EAST       | MW-57M2      | AJ056           | 148                | 158                   | 08/29/2000   | CL200.7     | Sodium                                  | 23200        |           | UG/L  | 20000  |
| J2 RANGE EAST       | MW-57M1      | AJ055           | 188                | 198                   | 08/29/2000   | CL200.7     | Sodium                                  | 20100        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | MW-38M3      | AI326           | 170                | 180                   | 08/11/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1      | AI314           | 151                | 161                   | 08/11/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2      | AI315           | 131                | 141                   | 08/10/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2      | AI315           | 131                | 141                   | 08/10/2000   | E314.0      | Perchlorate                             | 60.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31D       | AI311           | 133                | 138                   | 08/09/2000   | SW8330      | 2,4,6-Trinitrotoluene                   | 3.9          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31D       | AI311           | 133                | 138                   | 08/09/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 150          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M       | AI312           | 113                | 123                   | 08/09/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 14.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M       | AI312           | 113                | 123                   | 08/09/2000   | E314.0      | Perchlorate                             | 50.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S       | AI313           | 98                 | 103                   | 08/09/2000   | SW8330      | 2,4,6-Trinitrotoluene                   | 3.9          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S       | AI313           | 98                 | 103                   | 08/09/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 140          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S       | AI313           | 98                 | 103                   | 08/09/2000   | E314.0      | Perchlorate                             | 40.0         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1      | AI301           | 225                | 235                   | 08/08/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S       | AI295           | 38                 | 48                    | 08/08/2000   | SW8330      | 2,4,6-Trinitrotoluene                   | 2.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S       | AI295           | 38                 | 48                    | 08/08/2000   | E314.0      | Perchlorate                             | 5.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S       | AI295           | 38                 | 48                    | 08/08/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 290          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02M2      | AI261           | 170                | 175                   | 08/02/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02D       | AI583           | 355                | 360                   | 08/02/2000   | CL200.7     | Thallium                                | 4.9          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02M1      | AI262           | 212                | 217                   | 08/02/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2      | AI512           | 105                | 115                   | 08/02/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 31.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S       | AI513           | 85                 | 95                    | 08/01/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2      | AI515           | 120                | 130                   | 08/01/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 97.0         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2      | AI258           | 160                | 165                   | 07/31/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01S       | AI259           | 114                | 124                   | 07/31/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.8          | J         | UG/L  | 2      |
| J2 RANGE EAST       | MW-57M1      | AI048           | 188                | 198                   | 07/05/2000   | CL200.7     | Sodium                                  | 22200        |           | UG/L  | 20000  |
| J2 RANGE EAST       | MW-57M2      | AI049           | 148                | 158                   | 06/30/2000   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 7.0          |           | UG/L  | 6      |
| J2 RANGE EAST       | MW-57M2      | AI049           | 148                | 158                   | 06/30/2000   | CL200.7     | Sodium                                  | 25900        |           | UG/L  | 20000  |
| J2 RANGE EAST       | MW-49M3      | AH886           | 100.5              | 110.5                 | 06/27/2000   | CL200.7     | Thallium                                | 4.3          | J         | UG/L  | 2      |
| J2 RANGE EAST       | MW-48D       | AH837           | 221                | 231                   | 06/26/2000   | CL200.7     | Thallium                                | 4.7          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-105M1     | AH831           | 205                | 215                   | 06/21/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-107M2     | AH810           | 125                | 135                   | 06/21/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-46S       | AH270           | 154                | 164                   | 06/15/2000   | CL200.7     | Sodium                                  | 32200        |           | UG/L  | 20000  |
| J2 RANGE NORTH      | MW-54S       | AH573           | 148                | 158                   | 06/06/2000   | CL200.7     | Thallium                                | 4.6          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-101M1     | AH722           | 158                | 168                   | 06/06/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-100M1     | AH718           | 179                | 189                   | 06/06/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-100M1     | AH719           | 179                | 189                   | 06/06/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.3          |           | UG/L  | 2      |
| FS-12 (ARNG)        | XXFS1290WT10 | AH367           | 82                 | 92                    | 06/05/2000   | CL200.7     | Sodium                                  | 23600        |           | UG/L  | 20000  |
| FS-12 (ARNG)        | XXFS1290WT10 | AH381           | 82                 | 92                    | 06/05/2000   | CL200.7     | Sodium                                  | 24200        |           | UG/L  | 20000  |
| DEMOLITION AREA 1   | MW-73S       | AH590           | 38.5               | 48.5                  | 06/02/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 44.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-47M3      | AH334           | 115                | 125                   | 05/31/2000   | CL200.7     | Thallium                                | 5.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01S       | AH358           | 114                | 124                   | 05/31/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-47M2      | AH333           | 131.5              | 141.5                 | 05/30/2000   | CL200.7     | Thallium                                | 4.5          | J         | UG/L  | 2      |
| L RANGE             | MW-45S       | AH328           | 89                 | 99                    | 05/29/2000   | CL200.7     | Arsenic                                 | 18.2         |           | UG/L  | 10     |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| L RANGE             | MW-45S      | AH328           | 89                 | 99                    | 05/29/2000   | CVOL        | Toluene                                 | 1100         |           | UG/L  | 1000   |
| CENTRAL IMPACT AREA | MW-89M2     | AH423           | 214                | 224                   | 05/26/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.3          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M2     | AH477           | 145                | 155                   | 05/26/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-93M1     | AH478           | 185                | 195                   | 05/26/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-99M1     | AH467           | 195                | 205                   | 05/25/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-99M1     | AH469           | 195                | 205                   | 05/25/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-95M1     | AH471           | 202                | 212                   | 05/25/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-98M1     | AH465           | 164                | 174                   | 05/25/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.1          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-88M2     | AH420           | 213                | 223                   | 05/24/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-07M1     | AH360           | 240                | 245                   | 05/23/2000   | CL200.7     | Arsenic                                 | 13.6         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-07M1     | AH374           | 240                | 245                   | 05/23/2000   | CL200.7     | Arsenic                                 | 15.5         |           | UG/L  | 10     |
| CS-19 (ARNG)        | MW-52M2     | AH391           | 225                | 235                   | 05/23/2000   | CL200.7     | Arsenic                                 | 11.3         |           | UG/L  | 10     |
| CS-19 (ARNG)        | MW-52S      | AH388           | 150                | 160                   | 05/23/2000   | CL200.7     | Thallium                                | 4.7          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | AH394           | 38                 | 48                    | 05/23/2000   | SW8330      | 2,4,6-Trinitrotoluene                   | 3.9          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | AH394           | 38                 | 48                    | 05/23/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 160          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-85M1     | AH385           | 137.5              | 147.5                 | 05/22/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 29.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91M1     | AH345           | 170                | 180                   | 05/22/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 18.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-91S      | AH346           | 124                | 134                   | 05/19/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 12.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-90S      | AH344           | 118                | 128                   | 05/19/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | AH309           | 131                | 141                   | 05/18/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.7          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M1     | AH308           | 151                | 161                   | 05/17/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-38M3     | AH283           | 170                | 180                   | 05/16/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-46M1     | AH272           | 262                | 272                   | 05/16/2000   | CL200.7     | Thallium                                | 5.3          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-50M1     | AH273           | 207                | 217                   | 05/15/2000   | CL200.7     | Antimony                                | 9.5          |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-50M1     | AH273           | 207                | 217                   | 05/15/2000   | CL200.7     | Thallium                                | 6.2          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31M      | AH266           | 113                | 123                   | 05/15/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 19.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | AH265           | 98                 | 103                   | 05/15/2000   | SW8330      | 2,4,6-Trinitrotoluene                   | 3.3          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | AH265           | 98                 | 103                   | 05/15/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 110          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | AH253           | 225                | 235                   | 05/12/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.6          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | AH251           | 38                 | 48                    | 05/12/2000   | SW8330      | 2,4,6-Trinitrotoluene                   | 3.7          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | AH251           | 38                 | 48                    | 05/12/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 150          | J         | UG/L  | 2      |
| J1 RANGE NORTH      | MW-58S      | AH161           | 100                | 110                   | 05/11/2000   | CL200.7     | Thallium                                | 7.3          | J         | UG/L  | 2      |
| J1 RANGE NORTH      | MW-58S      | AH161           | 100                | 110                   | 05/11/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.4          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02M2     | AH166           | 170                | 175                   | 05/11/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.3          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | AH163           | 160                | 165                   | 05/10/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.9          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2     | AH045           | 120                | 130                   | 05/02/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 100          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S      | AH032           | 85                 | 95                    | 05/02/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.5          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2     | AH034           | 105                | 115                   | 05/02/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 37.0         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-87M1     | AH007           | 194                | 204                   | 04/28/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.5          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-86S      | AH001           | 143                | 153                   | 04/28/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-40M1     | AG824           | 132.5              | 142.5                 | 04/14/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-37M2     | AG548           | 145                | 155                   | 03/27/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.1          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-57M2     | AG542           | 148                | 158                   | 03/22/2000   | CL200.7     | Sodium                                  | 24500        |           | UG/L  | 20000  |
| J2 RANGE EAST       | MW-57M2     | AG542           | 148                | 158                   | 03/22/2000   | CL200.7     | Thallium                                | 4.1          | J         | UG/L  | 2      |
| J2 RANGE EAST       | MW-57M1     | AG299           | 188                | 198                   | 03/07/2000   | CL200.7     | Sodium                                  | 20900        |           | UG/L  | 20000  |
| WESTERN BOUNDARY    | MW-84D      | AF124           | 190                | 200                   | 03/03/2000   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 30.0         |           | UG/L  | 6      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID  | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|--------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J2 RANGE EAST       | MW-49S       | AG263           | 68.5               | 78.5                  | 03/01/2000   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 290          |           | UG/L  | 6      |
| J2 RANGE EAST       | MW-48M3      | AG243           | 131.5              | 141.5                 | 02/28/2000   | CL200.7     | Thallium                                | 4.2          | J         | UG/L  | 2      |
| J1 RANGE NORTH      | MW-58S       | AG079           | 100                | 110                   | 02/15/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.0          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-64M1      | AF819           | 129                | 139                   | 02/07/2000   | CL200.7     | Thallium                                | 4.1          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-77M2      | AF294           | 120                | 130                   | 01/25/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 150          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2      | AF291           | 105                | 115                   | 01/24/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 31.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76M2      | AF292           | 105                | 115                   | 01/24/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 29.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-76S       | AF289           | 85                 | 95                    | 01/20/2000   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 11.0         |           | UG/L  | 2      |
| WESTERN BOUNDARY    | MW-83S       | AF116           | 33                 | 43                    | 01/13/2000   | CL200.7     | Thallium                                | 3.6          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-40M1      | AE753           | 132.5              | 142.5                 | 12/30/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-37M2      | AE745           | 145                | 155                   | 12/29/1999   | CL200.7     | Thallium                                | 4.9          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-37M2      | AE745           | 145                | 155                   | 12/29/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.6          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-57M2      | AE546           | 148                | 158                   | 12/21/1999   | CL200.7     | Sodium                                  | 23500        |           | UG/L  | 20000  |
| J2 RANGE EAST       | MW-57S       | AE544           | 85                 | 95                    | 12/21/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 3300         | J         | UG/L  | 6      |
| J2 RANGE EAST       | MW-57M1      | AE545           | 188                | 198                   | 12/14/1999   | CL200.7     | Sodium                                  | 23700        |           | UG/L  | 20000  |
| J2 RANGE EAST       | MW-57D       | AE548           | 213                | 223                   | 12/13/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 95.0         |           | UG/L  | 6      |
| J1 RANGE NORTH      | MW-58S       | AE453           | 100                | 110                   | 11/23/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.7          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-42M2      | AE438           | 185.8              | 195.8                 | 11/19/1999   | CL200.7     | Thallium                                | 4.0          | J         | UG/L  | 2      |
| J2 RANGE EAST       | MW-49S       | AE445           | 68.5               | 78.5                  | 11/19/1999   | CL200.7     | Thallium                                | 4.7          | J         | UG/L  | 2      |
| CS-19 (ARNG)        | MW-52S       | AE268           | 150                | 160                   | 11/18/1999   | CL200.7     | Thallium                                | 4.3          | J         | UG/L  | 2      |
| L RANGE             | MW-45S       | AE373           | 89                 | 99                    | 11/16/1999   | CL200.7     | Arsenic                                 | 13.8         |           | UG/L  | 10     |
| L RANGE             | MW-45S       | AE373           | 89                 | 99                    | 11/16/1999   | CVOL        | Toluene                                 | 1000         |           | UG/L  | 1000   |
| CENTRAL IMPACT AREA | MW-41M2      | AE338           | 194                | 204                   | 11/12/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 7.0          |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-38M3      | AE292           | 170                | 180                   | 11/10/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-54S       | AE254           | 148                | 158                   | 11/08/1999   | CL200.7     | Thallium                                | 7.4          | J         | UG/L  | 2      |
| J2 RANGE NORTH      | MW-54M1      | AE255           | 230                | 240                   | 11/05/1999   | CL200.7     | Thallium                                | 3.9          | J         | UG/L  | 2      |
| CS-19 (ARNG)        | MW-53M1      | AE236           | 224                | 234                   | 11/05/1999   | CL200.7     | Molybdenum                              | 41.2         |           | UG/L  | 40     |
| CS-19 (ARNG)        | MW-53M1      | AE236           | 224                | 234                   | 11/05/1999   | CL200.7     | Thallium                                | 3.4          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-46D       | AE106           | 295                | 305                   | 11/02/1999   | CL200.7     | Thallium                                | 5.1          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-46D       | AE106           | 295                | 305                   | 11/02/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 14.0         | J         | UG/L  | 6      |
| DEMOLITION AREA 1   | MW-73S       | AE091           | 38.5               | 48.5                  | 11/02/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 57.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-46M1      | AE103           | 262                | 272                   | 11/01/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 6.0          | J         | UG/L  | 6      |
| NORTHWEST CORNER    | MW-21M2      | AE098           | 226                | 236                   | 11/01/1999   | CL200.7     | Thallium                                | 4.0          | J         | UG/L  | 2      |
| WESTERN BOUNDARY    | MW-70M1      | AE036           | 257.4              | 267.4                 | 10/27/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 10.0         |           | UG/L  | 6      |
| WESTERN BOUNDARY    | MW-84S       | AD999           | 54                 | 64                    | 10/21/1999   | CL200.7     | Thallium                                | 3.2          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0002     | AD770           | 121.2              | 126.2                 | 10/08/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.8          |           | UG/L  | 2      |
| J2 RANGE NORTH      | XXRW1        | AD716           | 50                 | 59                    | 10/06/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 11.0         | J         | UG/L  | 6      |
| FS-12 (ARNG)        | LRMW0001     | AD645           | 120                | 130                   | 10/06/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 78.0         | J         | UG/L  | 6      |
| J3 RANGE            | 90MW0054     | AD674           | 107                | 112                   | 10/04/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 13.0         | J         | UG/L  | 6      |
| WESTERN BOUNDARY    | XXLRWS2-6    | AD668           | 148.39             | 158.39                | 10/04/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 9.0          | J         | UG/L  | 6      |
| CS-10 (ARNG)        | XXCS1030122A | AD632           | 81.36              | 91.36                 | 09/30/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 12.0         |           | UG/L  | 6      |
| L RANGE             | XX90WT0003   | AD634           | 91.5               | 101.5                 | 09/30/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 58.0         |           | UG/L  | 6      |
| J3 RANGE            | 90MW0022     | AD637           | 112                | 117                   | 09/30/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.2          |           | UG/L  | 2      |
| FS-14 (ARNG)        | XXFS14-MW3   | AD635           | 0                  | 0                     | 09/30/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 24.0         |           | UG/L  | 6      |
| CS-19 (ARNG)        | 58MW0010A    | AD607           | 263.8              | 268.8                 | 09/29/1999   | CL200.7     | Arsenic                                 | 14.8         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-37M2      | AD611           | 145                | 155                   | 09/29/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CS-19 (ARNG)        | 58MW0009E   | AD606           | 133.4              | 138.4                 | 09/28/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 18.0         |           | UG/L  | 2      |
| CS-19 (ARNG)        | 58MW0009E   | AD609           | 133.4              | 138.4                 | 09/28/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 18.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | XX9514      | AD548           | 102                | 112                   | 09/28/1999   | CL200.7     | Zinc                                    | 2430         |           | UG/L  | 2000   |
| DEMOLITION AREA 1   | XX9514      | AD548           | 102                | 112                   | 09/28/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 22.0         |           | UG/L  | 6      |
| CS-19 (ARNG)        | 58MW0007C   | AD604           | 152.78             | 157.78                | 09/28/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 13.0         |           | UG/L  | 6      |
| CS-19 (ARNG)        | 58MW0005E   | AD582           | 115                | 125                   | 09/27/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 8.0          |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-40M1     | AD537           | 132.5              | 142.5                 | 09/21/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-40M1     | AD538           | 132.5              | 142.5                 | 09/21/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-44M1     | AD511           | 182                | 192                   | 09/20/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 14.0         |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-22       | AD507           | 170.5              | 180.5                 | 09/20/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 18.0         |           | UG/L  | 6      |
| J2 RANGE NORTH      | MW-29       | AD495           | 98.5               | 108.5                 | 09/17/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 20.0         |           | UG/L  | 6      |
| J3 RANGE            | MW-28       | AD494           | 95.17              | 105.17                | 09/17/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 150          | J         | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-27       | AD493           | 117                | 127                   | 09/17/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 9.0          |           | UG/L  | 6      |
| DEMOLITION AREA 1   | MW-73S      | AD490           | 38.5               | 48.5                  | 09/16/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 63.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-10S      | AD449           | 145                | 155                   | 09/16/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 39.0         |           | UG/L  | 6      |
| DEMOLITION AREA 1   | MW-31M      | AD458           | 113                | 123                   | 09/15/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 29.0         |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31S      | AD457           | 98                 | 103                   | 09/15/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 50.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23S      | AD425           | 122.5              | 132.5                 | 09/14/1999   | CL200.7     | Thallium                                | 4.7          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-25       | AD446           | 108                | 118                   | 09/14/1999   | CL200.7     | Thallium                                | 5.3          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | AD422           | 225                | 235                   | 09/13/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.1          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | AD410           | 38                 | 48                    | 09/10/1999   | SW8330      | 2,4,6-Trinitrotoluene                   | 2.6          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | AD410           | 38                 | 48                    | 09/10/1999   | CL200.7     | Thallium                                | 3.8          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | AD410           | 38                 | 48                    | 09/10/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 240          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-18D      | AD411           | 265                | 275                   | 09/10/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 11.0         |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-07M1     | AD364           | 240                | 245                   | 09/07/1999   | CL200.7     | Arsenic                                 | 52.8         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-07M1     | AD364           | 240                | 245                   | 09/07/1999   | CL200.7     | Lead                                    | 40.2         |           | UG/L  | 15     |
| CENTRAL IMPACT AREA | MW-07M1     | AD364           | 240                | 245                   | 09/07/1999   | CL200.7     | Thallium                                | 26.2         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-07M1     | AD365           | 240                | 245                   | 09/07/1999   | CL200.7     | Arsenic                                 | 30.7         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-07M1     | AD365           | 240                | 245                   | 09/07/1999   | CL200.7     | Lead                                    | 18.3         |           | UG/L  | 15     |
| CENTRAL IMPACT AREA | MW-07M1     | AD365           | 240                | 245                   | 09/07/1999   | CL200.7     | Thallium                                | 12.7         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-07M1     | AD394           | 240                | 245                   | 09/07/1999   | CL200.7     | Arsenic                                 | 21.1         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-07M1     | AD395           | 240                | 245                   | 09/07/1999   | CL200.7     | Arsenic                                 | 22.1         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-01S      | AD352           | 114                | 124                   | 09/07/1999   | CL200.7     | Antimony                                | 6.7          | J         | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-01S      | AD352           | 114                | 124                   | 09/07/1999   | CL200.7     | Thallium                                | 2.9          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01S      | AD352           | 114                | 124                   | 09/07/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02M2     | AD323           | 170                | 175                   | 09/03/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.8          |           | UG/L  | 2      |
| J2 RANGE NORTH      | MW-55M1     | AD273           | 225                | 235                   | 08/31/1999   | CL200.7     | Thallium                                | 2.5          | J         | UG/L  | 2      |
| CS-19 (ARNG)        | MW-53M1     | AD298           | 224                | 234                   | 08/30/1999   | CL200.7     | Molybdenum                              | 54.1         |           | UG/L  | 40     |
| CS-19 (ARNG)        | MW-53M1     | AD244           | 224                | 234                   | 08/30/1999   | CL200.7     | Molybdenum                              | 55.2         |           | UG/L  | 40     |
| CS-19 (ARNG)        | MW-53M1     | AD244           | 224                | 234                   | 08/30/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 31.0         |           | UG/L  | 6      |
| J2 RANGE NORTH      | MW-54M1     | AD249           | 230                | 240                   | 08/30/1999   | CL200.7     | Thallium                                | 2.8          | J         | UG/L  | 2      |
| CS-19 (ARNG)        | MW-52D      | AD223           | 369                | 379                   | 08/30/1999   | CL200.7     | Thallium                                | 3.8          | J         | UG/L  | 2      |
| J2 RANGE NORTH      | MW-54S      | AD248           | 148                | 158                   | 08/27/1999   | CL200.7     | Molybdenum                              | 61.4         |           | UG/L  | 40     |
| J2 RANGE NORTH      | MW-54S      | AD248           | 148                | 158                   | 08/27/1999   | CL200.7     | Sodium                                  | 33300        |           | UG/L  | 20000  |
| CS-19 (ARNG)        | MW-52M3     | AD222           | 210                | 215                   | 08/27/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 7.0          | J         | UG/L  | 6      |
| J2 RANGE NORTH      | MW-54M2     | AD250           | 210                | 220                   | 08/27/1999   | CL200.7     | Molybdenum                              | 43.7         |           | UG/L  | 40     |

TABLE 4  
VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011

| Site                          | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|-------------------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J2 RANGE NORTH                | MW-54M2     | AD268           | 210                | 220                   | 08/27/1999   | CL200.7     | Molybdenum                              | 43.2         |           | UG/L  | 40     |
| CS-19 (ARNG)                  | MW-52S      | AD219           | 150                | 160                   | 08/26/1999   | CL200.7     | Thallium                                | 3.6          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-47M3     | AD177           | 115                | 125                   | 08/25/1999   | CL200.7     | Thallium                                | 3.2          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-51M3     | AD216           | 173                | 183                   | 08/25/1999   | CL200.7     | Thallium                                | 4.3          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-47M2     | AD176           | 131.5              | 141.5                 | 08/25/1999   | CL200.7     | Thallium                                | 4.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-46S      | AD166           | 154                | 164                   | 08/25/1999   | CL200.7     | Sodium                                  | 20600        |           | UG/L  | 20000  |
| DEMOLITION AREA 1             | MW-47M1     | AD175           | 169                | 179                   | 08/24/1999   | CL200.7     | Thallium                                | 2.6          | J         | UG/L  | 2      |
| DEMOLITION AREA 1             | MW-47M1     | AD175           | 169                | 179                   | 08/24/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 14.0         |           | UG/L  | 6      |
| DEMOLITION AREA 1             | MW-47D      | AD178           | 194                | 204                   | 08/24/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 16.0         |           | UG/L  | 6      |
| DEMOLITION AREA 1             | MW-35S      | AD112           | 84                 | 94                    | 08/19/1999   | CL200.7     | Antimony                                | 6.9          | J         | UG/L  | 6      |
| DEMOLITION AREA 1             | MW-35S      | AD144           | 84                 | 94                    | 08/19/1999   | CL200.7     | Antimony                                | 13.8         | J         | UG/L  | 6      |
| CENTRAL IMPACT AREA           | MW-38M3     | AD069           | 170                | 180                   | 08/18/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-38M3     | AD069           | 170                | 180                   | 08/18/1999   | CL200.7     | Antimony                                | 6.6          | J         | UG/L  | 6      |
| CENTRAL IMPACT AREA           | MW-38M4     | AD070           | 132                | 142                   | 08/18/1999   | CL200.7     | Thallium                                | 2.8          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-38S      | AD066           | 115                | 125                   | 08/18/1999   | CL200.7     | Antimony                                | 7.4          |           | UG/L  | 6      |
| CENTRAL IMPACT AREA           | MW-39M1     | AD105           | 220                | 230                   | 08/18/1999   | CL200.7     | Antimony                                | 7.5          |           | UG/L  | 6      |
| DEMOLITION AREA 1             | MW-36S      | AD061           | 73                 | 83                    | 08/17/1999   | CL200.7     | Antimony                                | 6.7          | J         | UG/L  | 6      |
| DEMOLITION AREA 1             | MW-36M2     | AD063           | 131                | 141                   | 08/17/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 8.0          |           | UG/L  | 6      |
| CENTRAL IMPACT AREA           | MW-38D      | AD071           | 242                | 252                   | 08/17/1999   | CL200.7     | Antimony                                | 6.9          | J         | UG/L  | 6      |
| DEMOLITION AREA 1             | MW-34M2     | AD059           | 131                | 141                   | 08/16/1999   | CL200.7     | Antimony                                | 6.6          | J         | UG/L  | 6      |
| CS-19 (ARNG)                  | PPAWSMW-3   | AD050           | 220                | 230                   | 08/12/1999   | CL200.7     | Antimony                                | 6.0          | J         | UG/L  | 6      |
| AMMUNITION SUPPLY POINT (ASP) | ASPWELL     | AC848           | 0                  | 0                     | 07/20/1999   | E200.8      | Lead                                    | 53.0         |           | UG/L  | 15     |
| DEMOLITION AREA 1             | MW-73S      | AC835           | 38.5               | 48.5                  | 07/09/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 50.0         | J         | UG/L  | 2      |
| J3 RANGE                      | 90DP0225    | AC784           | 70                 | 75                    | 06/25/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          |           | UG/L  | 2      |
| J3 RANGE                      | 90DP0225    | AC784F          | 70                 | 75                    | 06/25/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.7          | J         | UG/L  | 2      |
| J3 RANGE                      | 90DP0223    | AC764           | 75                 | 80                    | 06/23/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.4          | J         | UG/L  | 2      |
| J3 RANGE                      | 90DP0223    | AC764F          | 75                 | 80                    | 06/23/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CS-19 (ARNG)                  | PPAWSMW-1   | AC751           | 220                | 230                   | 06/22/1999   | CL200.7     | Thallium                                | 3.1          | J         | UG/L  | 2      |
| B RANGE                       | MW-72S      | AC669           | 106                | 116                   | 05/27/1999   | CL200.7     | Thallium                                | 4.0          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-43M1     | AC641           | 223                | 233                   | 05/26/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 6.0          |           | UG/L  | 6      |
| L RANGE                       | MW-45S      | AC644           | 89                 | 99                    | 05/26/1999   | CL200.7     | Thallium                                | 3.0          | J         | UG/L  | 2      |
| L RANGE                       | MW-45M1     | AC645           | 190                | 200                   | 05/24/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 37.0         |           | UG/L  | 6      |
| J2 RANGE NORTH                | MW-55D      | AC509           | 255                | 265                   | 05/13/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 8.0          |           | UG/L  | 6      |
| CENTRAL IMPACT AREA           | MW-38M2     | AC364           | 187                | 197                   | 05/11/1999   | CL200.7     | Thallium                                | 4.9          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-38M3     | AC365           | 170                | 180                   | 05/06/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA           | MW-38M3     | AC365           | 170                | 180                   | 05/06/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 15.0         |           | UG/L  | 6      |
| CS-19 (ARNG)                  | MW-53M1     | AC354           | 224                | 234                   | 05/03/1999   | CL200.7     | Molybdenum                              | 132          |           | UG/L  | 40     |
| CS-19 (ARNG)                  | MW-53M1     | AC205           | 224                | 234                   | 05/03/1999   | CL200.7     | Molybdenum                              | 122          |           | UG/L  | 40     |
| J2 RANGE NORTH                | MW-54S      | AC217           | 148                | 158                   | 04/30/1999   | CL200.7     | Molybdenum                              | 56.7         |           | UG/L  | 40     |
| J2 RANGE NORTH                | MW-54S      | AC226           | 148                | 158                   | 04/30/1999   | CL200.7     | Molybdenum                              | 66.2         |           | UG/L  | 40     |
| LF-1 (ANG/ARNG,CG)            | 27MW0017B   | AC215           | 104                | 109                   | 04/30/1999   | CVOL        | Vinyl Chloride                          | 2.0          |           | UG/L  | 2      |
| L RANGE                       | 90WT0015    | AC187           | 89                 | 99                    | 04/23/1999   | CL200.7     | Sodium                                  | 34300        |           | UG/L  | 20000  |
| L RANGE                       | 90MW0038    | AC130           | 94.75              | 99.62                 | 04/21/1999   | CL200.7     | Thallium                                | 4.4          | J         | UG/L  | 2      |
| FS-14 (ARNG)                  | 11MW0004    | AC103           | 154                | 164                   | 04/16/1999   | CL200.7     | Thallium                                | 2.3          | J         | UG/L  | 2      |
| CS-10 (ARNG)                  | 03MW0022A   | AC108           | 145                | 150                   | 04/16/1999   | CL200.7     | Thallium                                | 3.9          |           | UG/L  | 2      |



**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| LF-1 (ANG/ARNG,CG)  | 27MW0020Z   | AC106           | 173                | 178                   | 04/16/1999   | CL200.7     | Thallium                                | 2.7          | J         | UG/L  | 2      |
| GA RANGE            | 03MW0006    | AC094           | 81                 | 91                    | 04/15/1999   | CL200.7     | Thallium                                | 2.6          | J         | UG/L  | 2      |
| CS-10 (ARNG)        | 03MW0027A   | AC054           | 135                | 140                   | 04/14/1999   | CL200.7     | Thallium                                | 2.0          | J         | UG/L  | 2      |
| J2 RANGE EAST       | 15MW0008    | AC038           | 115                | 125                   | 04/12/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 25.0         | J         | UG/L  | 6      |
| J2 RANGE EAST       | 15MW0004    | AC006           | 108.5              | 118.5                 | 04/09/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 6.0          |           | UG/L  | 6      |
| J2 RANGE EAST       | 15MW0002    | AC002           | 107.5              | 117.5                 | 04/08/1999   | CL200.7     | Sodium                                  | 37600        |           | UG/L  | 20000  |
| CS-19 (ARNG)        | MW-52M3     | AA968           | 210                | 215                   | 04/07/1999   | CL200.7     | Molybdenum                              | 72.6         |           | UG/L  | 40     |
| CS-19 (ARNG)        | MW-52M3     | AA999           | 210                | 215                   | 04/07/1999   | CL200.7     | Molybdenum                              | 67.6         |           | UG/L  | 40     |
| CS-19 (ARNG)        | MW-52M3     | AA999           | 210                | 215                   | 04/07/1999   | CL200.7     | Thallium                                | 3.6          | J         | UG/L  | 2      |
| CS-19 (ARNG)        | MW-52D      | AA969           | 369                | 379                   | 04/02/1999   | CL200.7     | Molybdenum                              | 51.1         |           | UG/L  | 40     |
| CS-19 (ARNG)        | MW-52D      | AA969           | 369                | 379                   | 04/02/1999   | CL200.7     | Thallium                                | 2.8          | J         | UG/L  | 2      |
| CS-19 (ARNG)        | MW-52D      | AA990           | 369                | 379                   | 04/02/1999   | CL200.7     | Molybdenum                              | 48.9         |           | UG/L  | 40     |
| CS-19 (ARNG)        | MW-52D      | AA990           | 369                | 379                   | 04/02/1999   | CL200.7     | Thallium                                | 2.6          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-41M2     | AA961           | 194                | 204                   | 04/02/1999   | CL200.7     | Thallium                                | 2.5          | J         | UG/L  | 2      |
| NORTHWEST CORNER    | MW-21M2     | AA964           | 226                | 236                   | 04/01/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 8.0          |           | UG/L  | 6      |
| DEMOLITION AREA 1   | MW-46M2     | AA931           | 215                | 225                   | 03/30/1999   | CL200.7     | Molybdenum                              | 48.9         |           | UG/L  | 40     |
| DEMOLITION AREA 1   | MW-46M2     | AA931           | 215                | 225                   | 03/30/1999   | CL200.7     | Sodium                                  | 23300        |           | UG/L  | 20000  |
| DEMOLITION AREA 1   | MW-46M2     | AA958           | 215                | 225                   | 03/30/1999   | CL200.7     | Molybdenum                              | 51.0         |           | UG/L  | 40     |
| DEMOLITION AREA 1   | MW-46M2     | AA958           | 215                | 225                   | 03/30/1999   | CL200.7     | Sodium                                  | 24400        |           | UG/L  | 20000  |
| DEMOLITION AREA 1   | MW-47M3     | AA923           | 115                | 125                   | 03/29/1999   | CL200.7     | Molybdenum                              | 43.1         |           | UG/L  | 40     |
| DEMOLITION AREA 1   | MW-47M3     | AA935           | 115                | 125                   | 03/29/1999   | CL200.7     | Molybdenum                              | 40.5         |           | UG/L  | 40     |
| DEMOLITION AREA 1   | MW-47M2     | AA922           | 131.5              | 141.5                 | 03/26/1999   | CL200.7     | Thallium                                | 3.2          | J         | UG/L  | 2      |
| J2 RANGE EAST       | SMR-2       | AA917           | 121                | 131                   | 03/25/1999   | CL200.7     | Thallium                                | 2.0          | J         | UG/L  | 2      |
| LF-1 (ANG/ARNG,CG)  | 28MW0106    | AA910           | 51                 | 61                    | 03/23/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 26.0         |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-23M1     | AA860           | 225                | 235                   | 03/18/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-23M1     | AA861           | 225                | 235                   | 03/18/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-25       | AA852           | 108                | 118                   | 03/17/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.1          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-18S      | AA847           | 35                 | 45                    | 03/12/1999   | CL200.7     | Thallium                                | 2.3          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | AA719           | 160                | 165                   | 03/01/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.2          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-07M2     | AA623           | 170                | 175                   | 02/24/1999   | CL200.7     | Thallium                                | 4.4          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-07M1     | AA625           | 240                | 245                   | 02/23/1999   | CL200.7     | Arsenic                                 | 13.6         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-07M1     | AA625           | 240                | 245                   | 02/23/1999   | CL200.7     | Thallium                                | 4.1          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-07M1     | AA626           | 240                | 245                   | 02/23/1999   | CL200.7     | Arsenic                                 | 14.7         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-01S      | AA495           | 114                | 124                   | 02/22/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.8          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-34M2     | AA660           | 131                | 141                   | 02/19/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.2          |           | UG/L  | 2      |
| CS-19 (ARNG)        | MW-53D      | AA588           | 283                | 293                   | 02/18/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 18.0         |           | UG/L  | 6      |
| J3 RANGE            | 90MW0022    | AA585           | 112                | 117                   | 02/16/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.4          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | AA539           | 38                 | 48                    | 02/12/1999   | SW8330      | 2,4,6-Trinitrotoluene                   | 7.2          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19S      | AA539           | 38                 | 48                    | 02/12/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 250          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19D      | AA538           | 293                | 298                   | 02/11/1999   | CL200.7     | Thallium                                | 3.1          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02M2     | AA469           | 170                | 175                   | 02/03/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.8          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02D      | AA406           | 355                | 360                   | 02/02/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 9.0          |           | UG/L  | 6      |
| DEMOLITION AREA 1   | MW-31M      | AA415           | 113                | 123                   | 02/02/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 370          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-02S      | AA408           | 137                | 147                   | 02/01/1999   | CL200.7     | Sodium                                  | 20300        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | MW-02S      | AA409           | 137                | 147                   | 02/01/1999   | CL200.7     | Sodium                                  | 20100        |           | UG/L  | 20000  |
| DEMOLITION AREA 1   | MW-31S      | AA417           | 98                 | 103                   | 02/01/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 210          |           | UG/L  | 2      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID  | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|--------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| CS-19 (ARNG)        | 58MW0006E    | AA395           | 109.6              | 119.6                 | 01/29/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 6.0          |           | UG/L  | 6      |
| J2 RANGE NORTH      | XXLRWS6-1    | AA393           | 111.56             | 126.56                | 01/28/1999   | CL200.7     | Zinc                                    | 2240         |           | UG/L  | 2000   |
| J2 RANGE NORTH      | XXLRWS6-1    | AA394           | 111.56             | 126.56                | 01/28/1999   | CL200.7     | Zinc                                    | 2200         |           | UG/L  | 2000   |
| CS-19 (ARNG)        | 58MW0009E    | AA270           | 133.4              | 138.4                 | 01/26/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 17.0         |           | UG/L  | 2      |
| J3 RANGE            | 90MW0022     | AA298           | 112                | 117                   | 01/26/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.8          |           | UG/L  | 2      |
| J2 RANGE NORTH      | XXLRWS5-1    | AA345           | 112.65             | 127.65                | 01/25/1999   | CL200.7     | Zinc                                    | 3980         |           | UG/L  | 2000   |
| J2 RANGE NORTH      | XXLRWS5-1    | AA346           | 112.65             | 127.65                | 01/25/1999   | CL200.7     | Zinc                                    | 3770         |           | UG/L  | 2000   |
| J1 RANGE SOUTHEAST  | XXLRWS7-1    | AA338           | 112.13             | 127.13                | 01/22/1999   | CL200.7     | Zinc                                    | 4160         |           | UG/L  | 2000   |
| J1 RANGE SOUTHEAST  | XXLRWS7-1    | AA339           | 112.13             | 127.13                | 01/22/1999   | CL200.7     | Zinc                                    | 4100         |           | UG/L  | 2000   |
| CS-19 (ARNG)        | 58MW0010A    | AA268           | 263.8              | 268.8                 | 01/18/1999   | CL200.7     | Arsenic                                 | 15.3         |           | UG/L  | 10     |
| CS-19 (ARNG)        | 58MW0010A    | AA269           | 263.8              | 268.8                 | 01/18/1999   | CL200.7     | Arsenic                                 | 15.6         |           | UG/L  | 10     |
| L RANGE             | 90WT0013     | AA255           | 92                 | 102                   | 01/14/1999   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 16.0         |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | 58MW0002     | AA211           | 121.2              | 126.2                 | 01/14/1999   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 20.0         |           | UG/L  | 2      |
| J2 RANGE NORTH      | XXSDW261160  | AA194           | 150                | 160                   | 01/13/1999   | CL200.7     | Sodium                                  | 27200        |           | UG/L  | 20000  |
| J2 RANGE NORTH      | XXSDW261160  | AA196           | 150                | 160                   | 01/13/1999   | CL200.7     | Sodium                                  | 28200        |           | UG/L  | 20000  |
| FS-12 (ARNG)        | LRMW0001     | AA121           | 120                | 130                   | 01/06/1999   | CL200.7     | Thallium                                | 5.2          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31D       | G31DEA          | 130                | 130                   | 06/18/1998   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.6          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31D       | G31DDA          | 120                | 120                   | 06/18/1998   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 270          |           | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-31D       | G31DCA          | 110                | 110                   | 06/18/1998   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 100          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-03D       | W03DDL          | 262                | 267                   | 03/06/1998   | CL200.7     | Antimony                                | 13.8         | J         | UG/L  | 6      |
| DEMOLITION AREA 1   | MW-19S       | W19SSA          | 38                 | 48                    | 03/05/1998   | SW8330      | 2,4,6-Trinitrotoluene                   | 10.0         | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19D       | W19DDA          | 293                | 298                   | 03/04/1998   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 7.0          |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | 58MW0002     | WC2XXA          | 121.2              | 126.2                 | 02/26/1998   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 19.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | 58MW0002     | WC2XXA          | 121.2              | 126.2                 | 02/26/1998   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 36.0         |           | UG/L  | 6      |
| FS-14 (ARNG)        | XXFS14-MW3   | WF143A          | 0                  | 0                     | 02/25/1998   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 9.0          |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-02S       | W02SSL          | 137                | 147                   | 02/23/1998   | CL200.7     | Molybdenum                              | 63.3         |           | UG/L  | 40     |
| CENTRAL IMPACT AREA | MW-02S       | W02SSL          | 137                | 147                   | 02/23/1998   | CL200.7     | Sodium                                  | 26300        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | MW-02S       | W02SSA          | 137                | 147                   | 02/23/1998   | CL200.7     | Molybdenum                              | 72.1         |           | UG/L  | 40     |
| CENTRAL IMPACT AREA | MW-02S       | W02SSA          | 137                | 147                   | 02/23/1998   | CL200.7     | Sodium                                  | 27200        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | MW-02S       | W02SSA          | 137                | 147                   | 02/23/1998   | CL200.7     | Lead                                    | 20.1         |           | UG/L  | 15     |
| LF-1 (ANG/ARNG,CG)  | 28MW0106     | WL28XA          | 51                 | 61                    | 02/19/1998   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 18.0         | J         | UG/L  | 6      |
| J2 RANGE NORTH      | XXRW1        | WRW1XA          | 50                 | 59                    | 02/18/1998   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 59.0         |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-05D       | W05DDA          | 335                | 340                   | 02/13/1998   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 9.0          | J         | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-03D       | G03DSD          | 240                | 240                   | 02/11/1998   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 3.0          | NJ        | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-07M2      | W07M2L          | 170                | 175                   | 02/05/1998   | CL200.7     | Thallium                                | 6.6          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19D       | G19DBA          | 65                 | 65                    | 02/03/1998   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.0          | J         | UG/L  | 2      |
| DEMOLITION AREA 1   | MW-19D       | G19DAA          | 52                 | 52                    | 02/02/1998   | SW8330      | 2,4,6-Trinitrotoluene                   | 8.1          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-07M1      | W07MML          | 240                | 245                   | 01/23/1998   | CL200.7     | Arsenic                                 | 11.7         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-07M1      | W07MMA          | 240                | 245                   | 01/23/1998   | CL200.7     | Arsenic                                 | 10.7         |           | UG/L  | 10     |
| CENTRAL IMPACT AREA | MW-02M1      | W02M1A          | 212                | 217                   | 01/21/1998   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 10.0         | J         | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-02M2      | W02M2A          | 170                | 175                   | 01/20/1998   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 24.0         |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-02M2      | W02M2A          | 170                | 175                   | 01/20/1998   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 13.0         |           | UG/L  | 2      |
| FS-12 (ARNG)        | XXFS1290WT10 | WF10XA          | 82                 | 92                    | 01/16/1998   | CL200.7     | Thallium                                | 6.5          | J         | UG/L  | 2      |
| L RANGE             | 90WT0013     | WF13XA          | 92                 | 102                   | 01/16/1998   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 34.0         |           | UG/L  | 6      |
| L RANGE             | 90WT0013     | WF13XA          | 92                 | 102                   | 01/16/1998   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.2          | J         | UG/L  | 2      |
| L RANGE             | 90WT0005     | WF05XA          | 47.5               | 57.5                  | 01/13/1998   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 47.0         |           | UG/L  | 6      |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J2 RANGE NORTH      | XXSDW261160 | WG160L          | 150                | 160                   | 01/07/1998   | CL200.7     | Sodium                                  | 20600        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | XXBHW215083 | WG083A          | 74                 | 84                    | 11/26/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 13.0         |           | UG/L  | 6      |
| J2 RANGE NORTH      | XXLRWS5-1   | WL51XL          | 112.65             | 127.65                | 11/25/1997   | CL200.7     | Zinc                                    | 3900         |           | UG/L  | 2000   |
| J2 RANGE NORTH      | XXLRWS5-1   | WL51DL          | 112.65             | 127.65                | 11/25/1997   | CL200.7     | Zinc                                    | 4410         |           | UG/L  | 2000   |
| J2 RANGE NORTH      | XXLRWS5-1   | WL51XA          | 112.65             | 127.65                | 11/25/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 7.0          |           | UG/L  | 6      |
| J2 RANGE NORTH      | XXLRWS5-1   | WL51XA          | 112.65             | 127.65                | 11/25/1997   | CL200.7     | Zinc                                    | 4510         |           | UG/L  | 2000   |
| J2 RANGE NORTH      | XXLRWS5-1   | WL51XD          | 112.65             | 127.65                | 11/25/1997   | CL200.7     | Zinc                                    | 4390         |           | UG/L  | 2000   |
| J2 RANGE NORTH      | XXLRWS4-1   | WL41XL          | 114.7              | 129.7                 | 11/24/1997   | CL200.7     | Zinc                                    | 3060         |           | UG/L  | 2000   |
| J2 RANGE NORTH      | XXLRWS4-1   | WL41XA          | 114.7              | 129.7                 | 11/24/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 100          |           | UG/L  | 6      |
| J2 RANGE NORTH      | XXLRWS4-1   | WL41XA          | 114.7              | 129.7                 | 11/24/1997   | CL200.7     | Zinc                                    | 3220         |           | UG/L  | 2000   |
| CENTRAL IMPACT AREA | MW-22       | W22SSA          | 170.5              | 180.5                 | 11/24/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 96.0         |           | UG/L  | 6      |
| J1 RANGE SOUTHEAST  | XXLRWS7-1   | WL71XL          | 112.13             | 127.13                | 11/21/1997   | CL200.7     | Zinc                                    | 3750         |           | UG/L  | 2000   |
| J1 RANGE SOUTHEAST  | XXLRWS7-1   | WL71XA          | 112.13             | 127.13                | 11/21/1997   | CL200.7     | Zinc                                    | 4320         |           | UG/L  | 2000   |
| WESTERN BOUNDARY    | XXLRWS2-3   | WL23XA          | 147.53             | 157.53                | 11/21/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 20.0         | J         | UG/L  | 6      |
| WESTERN BOUNDARY    | XXM973      | W9703A          | 75                 | 85                    | 11/21/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 73.0         | J         | UG/L  | 6      |
| WESTERN BOUNDARY    | XXM975      | W9705A          | 84                 | 94                    | 11/20/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 15.0         |           | UG/L  | 6      |
| WESTERN BOUNDARY    | XXM972      | W9702A          | 75                 | 85                    | 11/20/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 7.0          |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-02D      | W02DDL          | 355                | 360                   | 11/19/1997   | CL200.7     | Sodium                                  | 22600        |           | UG/L  | 20000  |
| CENTRAL IMPACT AREA | MW-02D      | W02DDA          | 355                | 360                   | 11/19/1997   | CL200.7     | Sodium                                  | 21500        |           | UG/L  | 20000  |
| WESTERN BOUNDARY    | XXM971      | W9701A          | 83                 | 93                    | 11/19/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 54.0         | J         | UG/L  | 6      |
| WESTERN BOUNDARY    | XXM971      | W9701D          | 83                 | 93                    | 11/19/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 28.0         | J         | UG/L  | 6      |
| DEMOLITION AREA 2   | MW-16S      | W16SSL          | 125                | 135                   | 11/17/1997   | CL200.7     | Sodium                                  | 20400        |           | UG/L  | 20000  |
| DEMOLITION AREA 2   | MW-16S      | W16SSA          | 125                | 135                   | 11/17/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 28.0         |           | UG/L  | 6      |
| DEMOLITION AREA 2   | MW-16S      | W16SSA          | 125                | 135                   | 11/17/1997   | CL200.7     | Sodium                                  | 20900        |           | UG/L  | 20000  |
| DEMOLITION AREA 2   | MW-16D      | W16DDA          | 355                | 360                   | 11/17/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 43.0         |           | UG/L  | 6      |
| J2 RANGE NORTH      | XXLRWS6-1   | WL61XL          | 111.56             | 126.56                | 11/17/1997   | CL200.7     | Zinc                                    | 2600         |           | UG/L  | 2000   |
| J2 RANGE NORTH      | XXLRWS6-1   | WL61XA          | 111.56             | 126.56                | 11/17/1997   | CL200.7     | Zinc                                    | 3480         |           | UG/L  | 2000   |
| CS-19 (ARNG)        | MW-24       | W24SSA          | 6                  | 16                    | 11/14/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 8.0          |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-23M3     | W23M3A          | 156                | 161                   | 11/13/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 10.0         |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-23M3     | W23M3D          | 156                | 161                   | 11/13/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 13.0         |           | UG/L  | 6      |
| CS-19 (ARNG)        | MW-17D      | W17DDA          | 320                | 330                   | 11/11/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 42.0         |           | UG/L  | 6      |
| CS-19 (ARNG)        | MW-17S      | W17SSD          | 120                | 130                   | 11/10/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 120          | J         | UG/L  | 6      |
| DEMOLITION AREA 1   | MW-20       | W20SSA          | 92                 | 102                   | 11/07/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 280          |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-23M1     | W23M1A          | 225                | 235                   | 11/07/1997   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.3          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-12       | W12SSA          | 96.7               | 106.7                 | 11/06/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 28.0         |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-11       | W11SSA          | 122                | 132                   | 11/06/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 33.0         | J         | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-11       | W11SSD          | 122                | 132                   | 11/06/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 23.0         | J         | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-14       | W14SSA          | 96                 | 106                   | 11/04/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 14.0         |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-04       | W04SSA          | 137                | 147                   | 11/04/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 30.0         |           | UG/L  | 6      |
| J2 RANGE NORTH      | MW-29       | W29SSA          | 98.5               | 108.5                 | 11/03/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 16.0         |           | UG/L  | 6      |
| J3 RANGE            | MW-28       | W28SSA          | 95.17              | 105.17                | 11/03/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 11.0         |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-07S      | W07SSA          | 103                | 113                   | 10/31/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 10.0         |           | UG/L  | 6      |
| CENTRAL IMPACT AREA | MW-23S      | W23SSA          | 122.5              | 132.5                 | 10/27/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 24.0         |           | UG/L  | 6      |
| NORTHWEST CORNER    | MW-21S      | W21SSA          | 164                | 174                   | 10/24/1997   | CL200.7     | Sodium                                  | 24000        |           | UG/L  | 20000  |
| NORTHWEST CORNER    | MW-21S      | W21SSA          | 164                | 174                   | 10/24/1997   | CL200.7     | Thallium                                | 6.9          | J         | UG/L  | 2      |
| NORTHWEST CORNER    | MW-21S      | W21SSL          | 164                | 174                   | 10/24/1997   | CL200.7     | Sodium                                  | 24200        |           | UG/L  | 20000  |

**TABLE 4**  
**VALIDATED DETECTS EXCEEDING MCLs or HEALTH ADVISORY LIMITS 1997 THROUGH May 2011**

| Site                | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte                                 | Result Value | Qualifier | Units | MCL/HA |
|---------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|---|--------------|-----------|-------|--------|
| J2 RANGE NORTH      | LRMW0003    | WL31XL          | 95                 | 105                   | 10/21/1997   | CL200.7     | Zinc                                    | 2410         |           | UG/L  | 2000   |
| J2 RANGE NORTH      | LRMW0003    | WL31XA          | 95                 | 105                   | 10/21/1997   | CL200.7     | Zinc                                    | 2480         |           | UG/L  | 2000   |
| WESTERN BOUNDARY    | XXLRWS2-6   | WL26XA          | 148.39             | 158.39                | 10/20/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 21.0         |           | UG/L  | 6      |
| NORTHWEST CORNER    | LRMW9515    | W9515L          | 126                | 128                   | 10/17/1997   | CL200.7     | Zinc                                    | 4620         |           | UG/L  | 2000   |
| NORTHWEST CORNER    | LRMW9515    | W9515A          | 126                | 128                   | 10/17/1997   | CL200.7     | Zinc                                    | 7210         |           | UG/L  | 2000   |
| CENTRAL IMPACT AREA | MW-02D      | G02DDA          | 170                | 175                   | 10/16/1997   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-25       | W25SSA          | 108                | 118                   | 10/16/1997   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.0          |           | UG/L  | 2      |
| J2 RANGE EAST       | MW-18S      | W18SSA          | 35                 | 45                    | 10/10/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 36.0         |           | UG/L  | 6      |
| CS-19 (ARNG)        | 58MW0006E   | WC6EXA          | 109.6              | 119.6                 | 10/03/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 59.0         |           | UG/L  | 6      |
| CS-19 (ARNG)        | 58MW0006E   | WC6EXD          | 109.6              | 119.6                 | 10/03/1997   | CSVOL       | bis(2-Ethylhexyl) Phthalate             | 57.0         |           | UG/L  | 6      |
| CS-19 (ARNG)        | 58MW0009E   | WC9EXA          | 133.4              | 138.4                 | 10/02/1997   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 7.7          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01S      | W01SSA          | 114                | 124                   | 09/30/1997   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.5          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01S      | W01SSD          | 114                | 124                   | 09/30/1997   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.4          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01M2     | W01MMA          | 160                | 165                   | 09/29/1997   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01D      | G01DNA          | 252                | 252                   | 09/04/1997   | USAD1       | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 10.0         | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01D      | G01DNA          | 252                | 252                   | 09/04/1997   | USAD1       | 2,4,6-Trinitrotoluene                   | 4.3          | J         | UG/L  | 2      |
| J2 RANGE EAST       | MW-18D      | G18DNA          | 172                | 176                   | 09/04/1997   | USAD1       | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 4.6          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01D      | G01DLA          | 232                | 232                   | 09/02/1997   | USAD1       | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.0          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01D      | G01DKA          | 221                | 221                   | 09/02/1997   | USAD1       | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.5          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01D      | G01DIA          | 202                | 202                   | 08/28/1997   | USAD1       | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 6.8          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01D      | G01DEA          | 162                | 162                   | 08/26/1997   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 5.9          |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01D      | G01DED          | 162                | 162                   | 08/26/1997   | USAD1       | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 8.7          | J         | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01D      | G01DBA          | 130                | 130                   | 08/22/1997   | USAD1       | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 30.0         |           | UG/L  | 2      |
| CENTRAL IMPACT AREA | MW-01D      | G01DAA          | 120                | 120                   | 08/22/1997   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 2.9          |           | UG/L  | 2      |
| CS-19 (ARNG)        | MW-17D      | G17DEA          | 162                | 166                   | 08/14/1997   | USAD1       | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine | 9.0          | J         | UG/L  | 2      |

**TABLE 5**  
**VALIDATED EXPLOSIVE AND PERCHLORATE RESULTS: DATA RECEIVED MAY 2011**

| Area of Concern    | Location ID | Field Sample ID | Top Depth (ft bgs) | Bottom Depth (ft bgs) | Date Sampled | Test Method | Analyte  | Result Value | Qualifier | Units | MCL/HA | > MCL/HA | MDL    | RL    |
|--------------------|-------------|-----------------|--------------------|-----------------------|--------------|-------------|--|--------------|-----------|-------|--------|----------|--------|-------|
| FORMER A RANGE     | MW-249M3    | MW-249M3_S11    | 154                | 164                   | 05/11/2011   | SW8330      | 2-Amino-4,6-Dinitrotoluene                       | 0.20         |           | UG/L  |        | X        | 0.021  | 0.20  |
| FORMER A RANGE     | MW-249M3    | MW-249M3_S11    | 154                | 164                   | 05/11/2011   | SW8330      | 4-Amino-2,6-Dinitrotoluene                       | 0.25         |           | UG/L  |        | X        | 0.022  | 0.20  |
| FORMER A RANGE     | MW-249M3    | MW-249M3_S11    | 154                | 164                   | 05/11/2011   | SW8330      | 2,4,6-Trinitrotoluene                            | 0.30         |           | UG/L  | 2      |          | 0.012  | 0.20  |
| FORMER A RANGE     | MW-536S     | MW-536S_S11     | 158                | 168                   | 05/10/2011   | SW6850      | Perchlorate                                      | 0.24         |           | UG/L  | 2      |          | 0.015  | 0.20  |
| J1 RANGE SOUTHEAST | MW-482M2    | MW-482M2_S11    | 172.6              | 182.6                 | 05/03/2011   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine          | 1.0          |           | UG/L  | 2      |          | 0.037  | 0.22  |
| J1 RANGE SOUTHEAST | MW-481M2    | MW-481M2_S11    | 146.3              | 156.3                 | 05/03/2011   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine          | 0.25         |           | UG/L  | 2      |          | 0.035  | 0.21  |
| DEMOLITION AREA 1  | MW-34M2     | MW-34M2_S11     | 131                | 141                   | 04/28/2011   | SW6860      | Perchlorate                                      | 0.75         |           | UG/L  | 2      |          | 0.0070 | 0.050 |
| DEMOLITION AREA 1  | MW-34M1     | MW-34M1_S11     | 151                | 161                   | 04/28/2011   | SW6860      | Perchlorate                                      | 3.0          |           | UG/L  | 2      | X        | 0.0070 | 0.050 |
| DEMOLITION AREA 1  | MW-34M1     | MW-34M1_S11D    | 151                | 161                   | 04/28/2011   | SW6860      | Perchlorate                                      | 3.0          |           | UG/L  | 2      | X        | 0.0070 | 0.050 |
| DEMOLITION AREA 1  | MW-32M      | MW-32M_S11      | 161.5              | 171.5                 | 04/28/2011   | SW6860      | Perchlorate                                      | 0.18         |           | UG/L  | 2      |          | 0.0070 | 0.050 |
| DEMOLITION AREA 1  | MW-139M3    | MW-139M3_S11    | 119                | 129                   | 04/28/2011   | SW6860      | Perchlorate                                      | 0.12         |           | UG/L  | 2      |          | 0.0070 | 0.050 |
| DEMOLITION AREA 1  | MW-139M2    | MW-139M2_S11    | 154                | 164                   | 04/28/2011   | SW6860      | Perchlorate                                      | 1.1          |           | UG/L  | 2      |          | 0.0070 | 0.050 |
| DEMOLITION AREA 1  | MW-139M2    | MW-139M2_S11D   | 154                | 164                   | 04/28/2011   | SW6860      | Perchlorate                                      | 1.0          |           | UG/L  | 2      |          | 0.0070 | 0.050 |
| DEMOLITION AREA 1  | MW-139M1    | MW-139M1_S11    | 194                | 204                   | 04/28/2011   | SW6860      | Perchlorate                                      | 0.015        | J         | UG/L  | 2      |          | 0.0070 | 0.050 |
| DEMOLITION AREA 1  | MW-32S      | MW-32S_S11      | 146.5              | 151.5                 | 04/27/2011   | SW6860      | Perchlorate                                      | 0.040        | J         | UG/L  | 2      |          | 0.0070 | 0.050 |
| DEMOLITION AREA 1  | MW-32D      | MW-32D_S11      | 181.5              | 186.5                 | 04/27/2011   | SW6860      | Perchlorate                                      | 0.27         |           | UG/L  | 2      |          | 0.0070 | 0.050 |
| DEMOLITION AREA 1  | RS0001WLM   | RS0001WLM_APR11 | 0                  | 0                     | 04/25/2011   | SW6850      | Perchlorate                                      | 0.17         | J         | UG/L  | 2      |          | 0.015  | 0.20  |
| DEMOLITION AREA 1  | MW-114M2    | MW-114M2_S11    | 120                | 130                   | 04/12/2011   | SW6860      | Perchlorate                                      | 0.70         |           | UG/L  | 2      |          | 0.0070 | 0.050 |
| DEMOLITION AREA 1  | MW-114M1    | MW-114M1_S11    | 177                | 187                   | 04/12/2011   | SW6860      | Perchlorate                                      | 0.40         |           | UG/L  | 2      |          | 0.0070 | 0.050 |
| DEMOLITION AREA 1  | MW-36M2     | MW-36M2_S11     | 131                | 141                   | 04/12/2011   | SW6860      | Perchlorate                                      | 1.7          |           | UG/L  | 2      |          | 0.0070 | 0.050 |
| DEMOLITION AREA 1  | MW-36M1     | MW-36M1_S11     | 152                | 162                   | 04/12/2011   | SW6860      | Perchlorate                                      | 1.8          |           | UG/L  | 2      |          | 0.0070 | 0.050 |
| DEMOLITION AREA 1  | MW-36M1     | MW-36M1_S11D    | 152                | 162                   | 04/12/2011   | SW6860      | Perchlorate                                      | 1.8          |           | UG/L  | 2      |          | 0.0070 | 0.050 |
| DEMOLITION AREA 2  | MW-380M2    | MW-380M2_S11    | 206                | 216                   | 03/23/2011   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine          | 0.50         |           | UG/L  | 2      |          | 0.023  | 0.20  |
| DEMOLITION AREA 2  | MW-161S     | MW-161S_S11     | 148                | 158                   | 03/23/2011   | SW8330      | Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine | 0.37         |           | UG/L  | 400    |          | 0.0087 | 0.20  |
| DEMOLITION AREA 2  | MW-161S     | MW-161S_S11     | 148                | 158                   | 03/23/2011   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine          | 4.5          |           | UG/L  | 2      | X        | 0.023  | 0.20  |
| DEMOLITION AREA 2  | MW-161S     | MW-161S_S11D    | 148                | 158                   | 03/23/2011   | SW8330      | Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine | 0.38         |           | UG/L  | 400    |          | 0.0087 | 0.20  |
| DEMOLITION AREA 2  | MW-161S     | MW-161S_S11D    | 148                | 158                   | 03/23/2011   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine          | 4.7          |           | UG/L  | 2      | X        | 0.023  | 0.20  |
| DEMOLITION AREA 2  | MW-160S     | MW-160S_S11     | 138                | 148                   | 03/23/2011   | SW8330      | Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine | 0.50         |           | UG/L  | 400    |          | 0.0087 | 0.20  |
| DEMOLITION AREA 2  | MW-160S     | MW-160S_S11     | 138                | 148                   | 03/23/2011   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine          | 1.7          |           | UG/L  | 2      |          | 0.023  | 0.20  |
| DEMOLITION AREA 2  | MW-160S     | MW-160S_S11D    | 138                | 148                   | 03/23/2011   | SW8330      | Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine | 0.49         |           | UG/L  | 400    |          | 0.0087 | 0.20  |
| DEMOLITION AREA 2  | MW-160S     | MW-160S_S11D    | 138                | 148                   | 03/23/2011   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine          | 1.7          |           | UG/L  | 2      |          | 0.023  | 0.20  |
| DEMOLITION AREA 2  | MW-259M1    | MW-259M1_S11    | 189                | 199                   | 03/21/2011   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine          | 0.30         |           | UG/L  | 2      |          | 0.023  | 0.20  |
| DEMOLITION AREA 2  | MW-435M2    | MW-435M2_S11    | 150                | 160                   | 03/21/2011   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine          | 0.49         |           | UG/L  | 2      |          | 0.023  | 0.20  |
| DEMOLITION AREA 1  | RS0001WLM   | HEW1A           | 0                  | 0                     | 03/16/2011   | SW6850      | Perchlorate                                      | 0.16         | J         | UG/L  | 2      |          | 0.015  | 0.20  |
| DEMOLITION AREA 1  | RS0001WLM   | HEW1D           | 0                  | 0                     | 03/16/2011   | SW6850      | Perchlorate                                      | 0.16         | J         | UG/L  | 2      |          | 0.015  | 0.20  |
| L RANGE            | MW-153M2    | MW-153M2_S11    | 144                | 154                   | 03/01/2011   | SW6850      | Perchlorate                                      | 0.42         |           | UG/L  | 2      |          | 0.015  | 0.20  |
| L RANGE            | MW-153M2    | MW-153M2_S11D   | 144                | 154                   | 03/01/2011   | SW6850      | Perchlorate                                      | 0.42         |           | UG/L  | 2      |          | 0.015  | 0.20  |
| L RANGE            | MW-153M1    | MW-153M1_S11    | 199                | 209                   | 03/01/2011   | SW8330      | Hexahydro-1,3,5-Trinitro-1,3,5-Triazine          | 0.48         |           | UG/L  | 2      |          | 0.023  | 0.20  |

J = Estimated Result  
 MDL = Method Detection Limit  
 RL = Reporting Limit